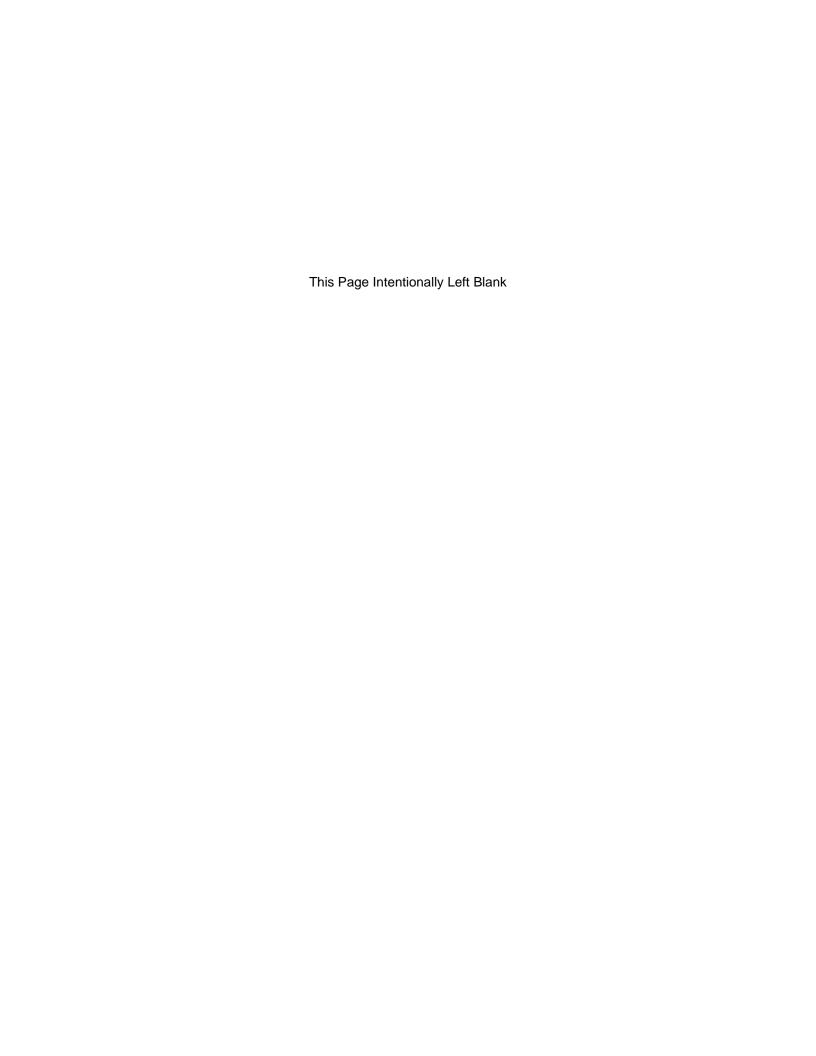
# DRAFT PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

HIGH-VOLTAGE TRANSMISSION FACILITIES IN WASHINGTON

Chapter 6 - References

March 2025



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### 6.0 CHAPTER 6 - REFERENCES

Note: Electronic sources were consulted on the access dates provided; web addresses and web-based information are subject to change.

### 6.1 Executive Summary

- EFSEC (Washington Energy Facility Site Evaluation Council). 2022a. Transmission Corridors Work Group Cover Letter. October 31, 2022. Accessed November 8, 2024.
  - https://www.efsec.wa.gov/sites/default/files/181034/20221031 TCWG%20Cover%20Letter%20from%20EF SEC%20Chair\_GovInslee.pdf
- EFSEC (Washington Energy Facility Site Evaluation Council). 2022b. Transmission Corridors Work Group Final Report. Accessed November 8, 2024. <a href="https://www.efsec.wa.gov/sites/default/files/181034/Final\_TCWG\_Report%20\_2022\_0801.pdf">https://www.efsec.wa.gov/sites/default/files/181034/Final\_TCWG\_Report%20\_2022\_0801.pdf</a>

### 6.2 Chapter 1 – Introduction

- ACEG (Americans for a Clean Energy Grid). 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed February 2025. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- BLM (Bureau of Land Management). 2024. Section 368 Energy Corridor Revisions Scoping Summary Report. Accessed February 2025.
  - https://eplanning.blm.gov/public\_projects/2022227/200537494/20107548/251007548/Corridors%20EIS%20Scoping%20Report\_508compliant.pdf
- BLM (Bureau of Land Management). Not dated. Section 368 Energy Corridors Environmental Impact Statement and Resource Management Plan Amendments Frequently Asked Questions. Accessed February 2025. <a href="https://eplanning.blm.gov/public\_projects/2022227/200537494/20100789/251000789/EVS\_Section%20368">https://eplanning.blm.gov/public\_projects/2022227/200537494/20100789/251000789/EVS\_Section%20368</a> %20Corridor%20EIS%20FAQ\_R5.pdf
- BPA (Bonneville Power Administration). 2023. South of Tri-Cities Reinforcement Project. Accessed February 2025. <a href="https://www.bpa.gov/learn-and-participate/public-involvement-decisions/project-reviews/south-of-tri-cities">https://www.bpa.gov/learn-and-participate/public-involvement-decisions/project-reviews/south-of-tri-cities</a>
- BPA (Bonneville Power Administration). 2017. I-5 Corridor Reinforcement Project (DOE/EIS-0436). Accessed February 2025. <a href="https://www.bpa.gov/learn-and-participate/public-involvement-decisions/project-reviews/i-5-corridor-project">https://www.bpa.gov/learn-and-participate/public-involvement-decisions/project-reviews/i-5-corridor-project</a>
- City of Bellevue. 2018. Final Environmental Impact Statement, Energize Eastside Project. Accessed November 2024. <a href="https://bellevuewa.gov/sites/default/files/media/pdf\_document/DSD%20005391%20-%20005841%20%255BEnergizeEastside\_FinalEIS\_Vol%201%255D.pdf">https://bellevuewa.gov/sites/default/files/media/pdf\_document/DSD%20005391%20-%20005841%20%255BEnergizeEastside\_FinalEIS\_Vol%201%255D.pdf</a>
  <a href="https://www.energizeeastsideeis.org/library.html">https://www.energizeeastsideeis.org/library.html</a> finaleis
- DOI (U.S. Department of the Interior). 2016. Final Environmental Impact Statement for the Vantage to Pomona Heights 230 kV Transmission Line Project. Accessed February 2025.
  - https://www.energy.gov/sites/default/files/2016/10/f33/EIS-0505\_FEIS\_Summary-2016.pdf

Ecology (Washington State Department of Ecology). 2024. Stormwater Management Manuals. Accessed February 2025. <a href="https://ecology.wa.gov/regulations-permits/guidance-technical-assistance/stormwater-permittee-guidance-resources/stormwater-manuals">https://ecology.wa.gov/regulations-permits/guidance-technical-assistance/stormwater-permittee-guidance-resources/stormwater-manuals</a>

- Ecology (Washington State Department of Ecology). 2018. State Environmental Policy Act Handbook. Accessed November 2024. <a href="https://ecology.wa.gov/getattachment/4c9fec2b-5e6f-44b5-bf13-b253e72a4ea1/2-2018-SEPA-Handbook-Update.pdf">https://ecology.wa.gov/getattachment/4c9fec2b-5e6f-44b5-bf13-b253e72a4ea1/2-2018-SEPA-Handbook-Update.pdf</a>
- Ecology (Washington State Department of Ecology). 2006a. Wetland Mitigation in Washington State Part 1: Agency Policies and Guidance. Accessed February 2025. https://apps.ecology.wa.gov/publications/documents/0606011a.pdf
- Ecology (Washington State Department of Ecology). 2006b. Wetland Mitigation in Washington State Part 2: Best Management Practices. <a href="https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf">https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf</a>
- Ecology (Washington State Department of Ecology). Not dated. Lead Agency Determination and Responsibilities. Accessed November 2024. <a href="https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/guide-for-lead-agencies/lead-agency-determination-and-responsibilities">https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/guide-for-lead-agencies/lead-agency-determination-and-responsibilities</a>
- EFSEC (Washington Energy Facility Site Evaluation Council). 2019. Certification Process. Accessed November 8, 2024. https://www.efsec.wa.gov/about-efsec/certification-process
- EFSEC (Washington Energy Facility Site Evaluation Council). 2022a. Transmission Corridors Work Group Cover Letter. October 31, 2022. Accessed November 8, 2024.

  <a href="https://www.efsec.wa.gov/sites/default/files/181034/20221031\_TCWG%20Cover%20Letter%20from%20EFSEC%20Chair\_GovInslee.pdf">https://www.efsec.wa.gov/sites/default/files/181034/20221031\_TCWG%20Cover%20Letter%20from%20EFSEC%20Chair\_GovInslee.pdf</a>
- EFSEC (Washington Energy Facility Site Evaluation Council). 2022b. Transmission Corridors Work Group Final Report. Accessed November 8, 2024. <a href="https://www.efsec.wa.gov/sites/default/files/181034/Final\_TCWG\_Report%20\_2022\_0801.pdf">https://www.efsec.wa.gov/sites/default/files/181034/Final\_TCWG\_Report%20\_2022\_0801.pdf</a>
- PacifiCorp. 2023. 2023 Integrated Resource Plan Volume I. Accessed February 2025.

  <a href="https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2023-irp/2023\_IRP\_Volume\_I.pdf">https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2023\_IRP\_Volume\_I.pdf</a>
- Tri-Cities Area Journal of Business. 2024. BPA's Plans Aim to Support Growing Tri-Cities' Economy. Accessed February 2025. https://www.tricitiesbusinessnews.com/articles/hairston-2024
- WDFW (Washington Department of Fish and Wildlife). 2020. Riparian Ecosystems, Volume 2: Management Recommendations. Accessed February 2025. https://wdfw.wa.gov/sites/default/files/publications/01988/wdfw01988.pdf
- WECC (Western Energy Coordination Council). 2024. Western Assessment of Resource Adequacy. Accessed February 2025. https://feature.wecc.org/wara/#group-section-Summary-eSoUDW1Hw8
- West-wide Energy Corridor. 2008. Guide to the West-Wide Energy Corridor Final Programmatic Environmental Impact Statement (PEIS). Accessed February 2025. <a href="https://corridoreis.anl.gov/eis/guide/index.cfm">https://corridoreis.anl.gov/eis/guide/index.cfm</a>

WSDOT (Washington Department of Transportation). 2018. Best Management Practices Field Guide for ESA Habitat Protection. Accessed February 2025. <a href="https://wsdot.wa.gov/sites/default/files/2021-10/bestmanagementpracticesfieldguideregionalroadmaintenance.pdf">https://wsdot.wa.gov/sites/default/files/2021-10/bestmanagementpracticesfieldguideregionalroadmaintenance.pdf</a>

WSDOT (Washington Department of Transportation). Not dated. Regional Road Maintenance Best management practices (Part 2). Accessed February 2025. <a href="https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf">https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf</a>

## 6.3 Chapter 2 – Overview of Transmission Facilities, Development Considerations, and Regulations

- Adirondack Explorer. 2024. Lake Champlain Power Cables Set to Be Installed This Summer. May 15, 2024.

  Accessed November 2024. <a href="https://www.adirondackexplorer.org/stories/lake-champlain-power-cable-line-work-begins">https://www.adirondackexplorer.org/stories/lake-champlain-power-cable-line-work-begins</a>
- AEP Transmission. Not dated. A Safe and Reliable Power Grid. Accessed December 2024. https://aeptransmission.com/dist/docs/power-ready-grid/Safe-Reliable-PowerGrid\_OnePager\_V5.pdf
- APLIC (Avian Power Line Interaction Committee). 2012. Reducing Avian Collisions with Power Lines: The State of the Art in 2012. October 2012. Accessed February 2025. https://www.aplic.org/uploads/files/15518/Reducing\_Avian\_Collisions\_2012watermarkLR.pdf
- Babcock & Brown. 2007. Trans Bay Cable Project Presentation to Board of Governors. Accessed November 2024. <a href="https://www.caiso.com/documents/">https://www.caiso.com/documents/</a>
  070418 briefingontransbaycableproject presentation originalpresentation.pdf
- BPA (Bonneville Power Administration). 2021. Vegetation Management Takes to the Skies with Helicopter Tree Trimming. November 9, 2021. Accessed December 2024. <a href="https://www.bpa.gov/about/newsroom/news-articles/2021/20211109-vegetation-management-takes-to-the-skies-with-helicopter-tree-trimming">https://www.bpa.gov/about/newsroom/news-articles/2021/20211109-vegetation-management-takes-to-the-skies-with-helicopter-tree-trimming</a>
- City of Portland. Not dated. Horizontal Directional Drilling (HDD). Accessed November 2024. https://www.portland.gov/bes/improvements/methods/horizontal-directional-drilling
- CPUC (California Public Utilities Commission). 2014a. Transmission System Components. Accessed November 2024. <a href="https://ia.cpuc.ca.gov/environment/info/aspen/cltp/archive/files\_8\_26\_14/">https://ia.cpuc.ca.gov/environment/info/aspen/cltp/archive/files\_8\_26\_14/</a>
  \_3TransmissionComponentsFactSheet.pdf
- CPUC (California Public Utilities Commission). 2014b. Transmission Line Construction. Accessed November 2024. <a href="https://ia.cpuc.ca.gov/environment/info/aspen/cltp/archive/files\_8\_26\_14/">https://ia.cpuc.ca.gov/environment/info/aspen/cltp/archive/files\_8\_26\_14/</a>
  \_5transmissionlineconstructionfactsheet.pdf
- DOE (US Department of Energy). 2015. Quadrennial Technology Review 2015 Chapter 3: Enabling Modernization of the Electric Power System. Accessed December 2024. <a href="https://www.energy.gov/sites/prod/files/2015/09/f26/QTR2015-3F-Transmission-and-Distribution\_1.pdf">https://www.energy.gov/sites/prod/files/2015/09/f26/QTR2015-3F-Transmission-and-Distribution\_1.pdf</a>
- DOE (US Department of Energy). 2020. Advanced Transmission Technologies. Accessed November 2024. <a href="https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Transmission%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Technologies%20Rep">https://www.energy.gov/sites/prod/files/2021/02/f82/Advanced%20Technol

DOE (US Department of Energy). 2023a. National Transmission Needs Study. October 2023. Accessed November 2024. <a href="https://www.energy.gov/sites/default/files/2023-12/">https://www.energy.gov/sites/default/files/2023-12/</a> National%20Transmission%20Needs%20Study%20-%20Final\_2023.12.1.pdf

- DOE (US Department of Energy). 2023b. How It Works: Electric Transmission & Distribution and Protective Measures. November 2023. Accessed February 2025. <a href="https://www.energy.gov/sites/default/files/2023-11/FINAL\_CESER%20Electricity%20Grid%20Backgrounder\_508.pdf">https://www.energy.gov/sites/default/files/2023-11/FINAL\_CESER%20Electricity%20Grid%20Backgrounder\_508.pdf</a>
- EFSEC (Washington State Energy Facility Site Evaluation Council). 2024. State Environmental Policy Act Scoping Document. For Programmatic Environmental Impact Statement on Transmission Facilities in Washington State. June 2024. Accessed December 18, 2024. <a href="https://www.efsec.wa.gov/sites/default/files/181034/scoping/20240628\_Scoping%20Memo.pdf">https://www.efsec.wa.gov/sites/default/files/181034/scoping/20240628\_Scoping%20Memo.pdf</a>
- EIA (U.S. Energy Information Administration). 2012. Power Outages Often Spur Questions around Burying Power Lines. July 25, 2012. Accessed November 2024. https://www.eia.gov/todayinenergy/detail.php?id=7250
- FAA (Federal Aviation Administration). Not dated. Section 2. Air Navigation and Obstruction Lighting. Aeronautical Lighting and Other Airport Visual Aids. Accessed November 2024. <a href="https://www.faa.gov/air\_traffic/publications/atpubs/aim\_html/chap2\_section\_2.html">https://www.faa.gov/air\_traffic/publications/atpubs/aim\_html/chap2\_section\_2.html</a>
- FDOT (Florida Department of Transportation). 2010. Standard Specifications for Road and Bridge Construction. Accessed November 2024. <a href="https://www.fdot.gov/docs/default-source/programmanagement/Implemented/Specbooks/2010/Files/2010Master.pdf">https://www.fdot.gov/docs/default-source/programmanagement/Implemented/Specbooks/2010/Files/2010Master.pdf</a>
- FERC (Federal Energy Regulatory Commission). 2023. Transmission Line Vegetation Management. Last updated November 17, 2023. Accessed February 2025. <a href="https://www.ferc.gov/transmission-line-vegetation-management">https://www.ferc.gov/transmission-line-vegetation-management</a>
- FERC (Federal Energy Regulatory Commission). 2024. Transmission Maintenance. Last updated September 26, 2024. Accessed February 2025. <a href="https://www.nerc.com/pa/Stand/Reliability%20Standards/FAC-501-WECC-4.pdf">https://www.nerc.com/pa/Stand/Reliability%20Standards/FAC-501-WECC-4.pdf</a>
- GAO (U.S. Government Accountability Office). 2022. Securing the U.S. Electricity Grid from Cyberattacks. Accessed May 14, 2024. <a href="https://www.gao.gov/blog/securing-u.s.-electricity-grid-cyberattacks">https://www.gao.gov/blog/securing-u.s.-electricity-grid-cyberattacks</a>.
- Grid Lab. 2024. Reconductoring with Advanced Conductors Can Accelerate the Rapid Transmission Expansion Required for a Clean Grid. April 2024. Accessed December 2024. <a href="https://www.2035report.com/wp-content/uploads/2024/06/GridLab\_2035-Reconductoring-Technical-Report.pdf">https://www.2035report.com/wp-content/uploads/2024/06/GridLab\_2035-Reconductoring-Technical-Report.pdf</a>
- Hair, J. 2015. PR-277-144507-Z01 Installation of Pipelines by Horizontal Directional Drilling. September 23, 2015. Accessed November 2024. <a href="http://doi.org/10.55274/R0010542">http://doi.org/10.55274/R0010542</a>
- National Grid. 2023. River Ouse Possible Installation Methods for Underground Cables. Accessed February 2025. <a href="https://www.nationalgrid.com/electricity-transmission/document/148826/">https://www.nationalgrid.com/electricity-transmission/document/148826/</a> download#:~:text=Tunnelling%20%2D%20Tunnel%20Boring%20Machine%20(TBM)&text=Characteristicall y%2C%20microtunnelling/pipejacking%20methods%20are,TBM%20tunnelling%20installation%20in%20ge neral.&text=During%20construction%2C%20construction%20compounds%20are,established%20to%20po wer%20the%20TBM.

NERC (National Energy Reliability Corporation). Not dated. Standard TPL-001-4 — Transmission System Planning Performance Requirements. Accessed February 2025. https://www.nerc.com/pa/Stand/Reliability%20Standards/TPL-001-4.pdf

- NWPPA (Northwest Public Power Association). Not dated. Helicopter Aided Construction (What to Know for Efficient and Cost-Effective Projects). Accessed December 2024. <a href="https://www.nwppa.org/wp-content/uploads/Helicopter-Aided-Construction-Shane-Watson.pdf">https://www.nwppa.org/wp-content/uploads/Helicopter-Aided-Construction-Shane-Watson.pdf</a>
- Oldcastle Infrastructure. Not dated. 10'x20' Electrical Transmission Vault-Edison. Accessed May 14, 2024. <a href="https://oldcastleinfrastructure.com/product/10x20'-electricaltransmission-vault-edison/">https://oldcastleinfrastructure.com/product/10x20'-electricaltransmission-vault-edison/</a> <a href="https://oldcastleinfrastructure.com/product/10x20%E2%80%B2-electrical-transmission-vault-edison/">https://oldcastleinfrastructure.com/product/10x20%E2%80%B2-electrical-transmission-vault-edison/</a>
- PacifiCorp. 2021. TA-General. Information Standards. Transmission Construction Standards.
- Prismecs. 2024. 12 Substation Protection Equipment You Must Recognize. February 11, 2024. Accessed February 2025. <a href="https://prismecs.com/blog/12-substation-protection-equipment-you-must-recognize#:~:text=Ans:%20A%20substation%20is%20a,for%20system%20protection%20and%20monitoring.">https://prismecs.com/blog/12-substation-protection-equipment-you-must-recognize#:~:text=Ans:%20A%20substation%20is%20a,for%20system%20protection%20and%20monitoring.
- PRPA (Platte River Power Authority). 2025. Overhead vs. Underground. Accessed February 2025. https://www.prpa.org/transmission/types/
- PSCW (Public Service Commission of Wisconsin). 2011. Underground Electric Transmission Lines. Accessed November 2024. https://psc.wi.gov/Documents/Brochures/Under%20Ground%20Transmission.pdf
- PSCW (Public Service Commission of Wisconsin). 2013. Environmental Impacts of Substations. Accessed November 2024. https://psc.wi.gov/Documents/Brochures/Impacts%20of%20Substations.pdf
- PSE (Puget Sound Energy). 2014. Energize Eastside Underground Transmission Lines Fact Sheet. April 2014.

  Accessed February 2025.

  <a href="https://energizeeastside2.blob.core.windows.net/media/Default/Library/March11Webinar/Underground\_Utilities">https://energizeeastside2.blob.core.windows.net/media/Default/Library/March11Webinar/Underground\_Utilities</a> FactSheet.pdf
- Riverkeeper. 2024. What to Know About Hydropower Cable Installation in the Hudson River. July 17, 2024.

  Accessed November 2024. <a href="https://www.riverkeeper.org/news-and-events/news-and-updates/what-to-know-about-hydropower-cable-installation-in-the-hudson-river">https://www.riverkeeper.org/news-and-events/news-and-updates/what-to-know-about-hydropower-cable-installation-in-the-hudson-river</a>
- USDA (United States Department of Agriculture). 2001. Design Guide for Rural Substations. June 2001. Accessed November 2024. <a href="https://www.rd.usda.gov/files/UEP\_Bulletin\_1724E-300.pdf">https://www.rd.usda.gov/files/UEP\_Bulletin\_1724E-300.pdf</a>.
- Xcel Energy. 2024. Overhead vs. Underground: Information about Burying High-Voltage Transmission Lines. May 2024. Accessed November 2024. <a href="https://xcelnew.my.salesforce.com/sfc/p/#1U0000011ttV/a/8b000002ZAgG/fFXdbyR9TgaRcEOrD2SDyGOV57cQCQPLFEXczPQx6cM">https://xcelnew.my.salesforce.com/sfc/p/#1U0000011ttV/a/8b000002ZAgG/fFXdbyR9TgaRcEOrD2SDyGOV57cQCQPLFEXczPQx6cM</a>

### 6.4 Chapter 3 – Affected Environment, Significant Impacts, and Mitigation

### Section 3.2 - Earth Resources

- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- Atwater, B. F., A. R. Nelson, J. J. Clague, G. A. Carver, T. Bobrowsky, J. Bourgeois, M. E. Darienzo, W. C. Grant, E. Hemphill-Haley, H. M. Kelsey, G. C. Jacoby, S. P. Nishenko, S. P., Palmer, C. D. Peterson, M. A. Reinhart, and D.K. Yamaguchi. 1995. Summary of Coastal Geologic Evidence for Past Great Earthquakes at the Cascadia Subduction Zone. Earthquake Spectra 11:1–18.
- Atwater, B. F., M. R. Satoko, S. Kenji, T. Yoshinobu, U. Kazue, and D. K. Yamaguchi. 2005. The Orphan Tsunami of 1700: Japanese Clues to a Parent Earthquake in North America. USGS Professional Paper 1707.
- Brocher, T. M., R. E. Wells, A. P. Lamb, and C. S. Weaver. 2017. Evidence for Distributed Clockwise Rotation of the Crust in the Northwestern United States from Fault Geometries and Focal Mechanisms. Tectonics 36(5):787–818.
- Cascadia Department of Bioregion. Not dated. The Cascadia Subduction Zone. Accessed August 2, 2023. https://cascadiabioregion.org/cascadia-subduction-zone
- CEATI International (Centre for Energy Advancement through Technological Innovation. Not dated. Guide for Transmission Line Foundations with Least Impact to the Environment. Report No. T153700-33107. Contractor: Peter Kandaris, P.E., DiGioia Gray, Inc. Tempe, Arizona, USA. Accessed November 20, 2024. <a href="https://www.cooperative.com/programs-services/bts/documents/reports/91002k\_presentation.pdf">https://www.cooperative.com/programs-services/bts/documents/reports/91002k\_presentation.pdf</a>
- Clague, J. J., P. T. Bobrowsky, and I. Hutchinson. 2000. A Review of Geological Records for Large Tsunamis at Vancouver Island, British Columbia and Implications for Hazard. Quaternary Science Reviews 19: 849–863.
- DNR (Washington State Department of Natural Resources). 2024a. Geologic Provinces of Washington. Accessed November 20, 2024. <a href="https://www.dnr.wa.gov/programs-and-services/geology/explore-popular-geology/geologic-provinces-washington">https://www.dnr.wa.gov/programs-and-services/geology/explore-popular-geology/geologic-provinces-washington</a>
- DNR (Washington State Department of Natural Resources). 2024b. Earthquakes and Faults. Accessed November 21, 2024. <a href="https://www.dnr.wa.gov/programs-and-services/geology/geologic-hazards/earthquakes-and-faults#what-are-faults-and-earthquakes?.7">https://www.dnr.wa.gov/programs-and-services/geology/geologic-hazards/earthquakes-and-faults#what-are-faults-and-earthquakes?.7</a>
- EERI and WMDEMD (Earthquake Engineering Research Institute and the Washington Military Department Emergency Management Division). 2005. Scenario for a Magnitude 6.7 Earthquake on the Seattle Fault. Accessed August 7, 2023. <a href="https://mitigation.eeri.org/wp-content/uploads/seattscen\_full\_book.pdf">https://mitigation.eeri.org/wp-content/uploads/seattscen\_full\_book.pdf</a>.
- Hipple, Karl W. Not dated. Washington Soil Atlas. Accessed November 20, 2024. https://www.nrcs.usda.gov/sites/default/files/2022-09/Washington%20Soil%20Atlas.pdf.
- Huntting, M. T., 1956, Inventory of Washing ton minerals; Part II— Metallic minerals: Washington Division of Mines and Geology Bulletin 37, Part II, 2 v.

Kelsey, H. M., A. R. Nelson, E. Hemphill-Haley, and R. Witter. 2005. Tsunami History of an Oregon Coastal Lake Reveals a 4600 Year Record of Great Earthquakes on the Cascadia Subduction Zone. Geological Society of America Bulletin 117:1009–1032.

- National Academies Press. 2024. Appendix A Soil Taxonomy. Accessed November 21, 2024. https://nap.nationalacademies.org/read/4766/chapter/14
- Nelson, A. R., H. M. Kelsey, and R. C. Witter. 2006. Great Earthquakes of Variable Magnitude at the Cascadia Subduction Zone. Quaternary Research 65:354–365.
- Norman, D. K., 2000, Mining regulations in Washington: Washington Division of Geology and Earth Resources Open File Report 2000-3, 22 p. [http://www.wa.gov/dnr/htdocs/ger/pdf/ofr00-3.pdf].
- PNSN (Pacific Northwest Seismic Network). Not dated. Cascadia Subduction Zone. Accessed November 23, 2021. https://pnsn.org/outreach/earthquakesources/csz.
- Porter, S.C., and T.W. Swanson. 1998. Radiocarbon Age Constraints on Rates of Advance and Retreat of the Puget Lobe of the Cordilleran Ice Sheet during the Last Glaciation. University of Washington. Quaternary Research 50, 205–213 (Article No. QR982004).
- Reidel, S. P, B.S. Martin, and H. L. Petcovic. 2003. Western Cordillera and Adjacent Areas Chapter 4: The Columbia River Flood Basalts and the Yakima Fold Belt.
- Schasse, H.W., Koler, M. L., Eberle, N.A., and Christie, R.A. 1994. The Washington State Coal Mine Map Collection: A Catalog, Index, and User's Guide, Washington Division of Mines and Geology, Open File Report 94-7. June.
- Swanson, D. A., K. A. Cameron, R. C. Evarts, P. T. Pringle, and J. A. Vance. 1989. IGC Field Trip T106: Cenozoic Volcanism in the Cascade Range and Columbia Plateau, Southern Washington and Northernmost Oregon. Field Trip Guidebooks, 106, 1-60. American Geophysical Union.
- Sweeny, M. R., E. V. McDonald, and D. R. Gaylord. 2017. Generation of the Palouse Loess: Exploring the Linkages between Glaciation, Outburst Megafloods, and Eolian Deposition in Washington State. From the Puget Lowland to East of the Cascade Range: Geologic Excursions in the Pacific Northwest 49.
- Thorson, R. M. 1989. Glacioistatic Response of the Puget Sound Area, Washington. Geological Society of America Bulletin 101, 1163–1174.
- U.S. Bureau of Mines, 1995, Spatial data extracted from the Minerals Availability System/Mineral Industry Location system (MAS/ MILS): U.S. Bureau of Mines Special Publication 95-12.
- USDA NRCS (U.S. Department of Agriculture Natural Resources Conservation Service). Not dated. The Twelve Orders of Soil Taxonomy. Accessed November 21, 2024. <a href="https://www.nrcs.usda.gov/resources/education-and-teaching-materials/the-twelve-orders-of-soil-taxonomy">https://www.nrcs.usda.gov/resources/education-and-teaching-materials/the-twelve-orders-of-soil-taxonomy</a>
- USGS (U.S. Geological Survey). Not dated (a). Geologic Units Containing Landslide. Accessed December 17, 2021. https://mrdata.usgs.gov/geology/state/sgmc-lith.php?code=1.5.4.
- USGS. Not dated (b). Liquefaction Susceptibility. Accessed March 19, 2025. https://earthquake.usgs.gov/education/geologicmaps/liquefaction.php

Wells, R. E., and P. L. Heller. 1988. The Relative Contribution of Accretion, Shear, and Extension to Cenozoic Tectonic Rotation in the Pacific Northwest. Geological Society of America Bulletin 100:325–338.

- Wells, R. E., and R. W. Simpson. 2001. Northward Migration of the Cascadia Forearc in the Northwestern U.S. and Implications for Subduction Deformation. Earth Planet Special Publication 53:275–283.
- WSDOT (Washington State Department of Transportation). Not dated. Part 2 Best Management Practices. Accessed November 20, 2024. <a href="https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf">https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf</a>

### Section 3.3 – Air Quality

- AGC (AGC of Washington Education Foundation) and the Fugitive Dust Task Force. 1997. Guide to Handling Fugitive Dust from Construction Projects. Seattle, Washington 1997. Accessed February 13, 2025. <a href="https://wsdot.wa.gov/sites/default/files/2024-09/Handling-FugitiveDust-%20from-ConstructionProjects-Guide.pdf">https://wsdot.wa.gov/sites/default/files/2024-09/Handling-FugitiveDust-%20from-ConstructionProjects-Guide.pdf</a>
- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed February 13, 2025. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- Commerce (Washington State Department of Commerce). Not dated. Washington's Diverse Climate and Geography. Accessed February 13, 2025. <a href="https://choosewashingtonstate.com/research-resources/about-washington/climate-geography/">https://choosewashingtonstate.com/research-resources/about-washington/climate-geography/</a>
- Ecology (Washington State Department of Ecology). 2016. Methods for Dust Control. Accessed February 13, 2025. <a href="https://apps.ecology.wa.gov/publications/publications/96433.pdf">https://apps.ecology.wa.gov/publications/publications/96433.pdf</a>
- Ecology (Washington State Department of Ecology). 2024. Washington State Department of Ecology. 2020 Washington Comprehensive Emissions Inventory Technical Support Document. Accessed February 13, 2025. <a href="https://apps.ecology.wa.gov/publications/documents/2002012.pdf">https://apps.ecology.wa.gov/publications/documents/2002012.pdf</a>
- Ecology (Washington State Department of Ecology). Not dated (a). Washington's Air Quality Implementation Plan. Accessed February 13, 2025. <a href="https://ecology.wa.gov/Regulations-Permits/Plans-policies/State-implementation-plans">https://ecology.wa.gov/Regulations-Permits/Plans-policies/State-implementation-plans</a>
- Ecology (Washington State Department of Ecology). Not dated (b). Determining if Areas in Washington Meet National Air Quality Standards. Accessed February 13, 2025. <a href="https://ecology.wa.gov/regulations-permits/plans-policies/areas-meeting-and-not-meeting-air-standards">https://ecology.wa.gov/regulations-permits/plans-policies/areas-meeting-and-not-meeting-air-standards</a>
- Ecology (Washington State Department of Ecology). Not dated (c). Wildfire Risks Caused by Climate Change.

  Accessed February 13, 2025. <a href="https://ecology.wa.gov/air-climate/responding-to-climate-change/wildfire-risks#:~:text=The%20risk%20and%20extent%20of,burn%20hotter%20and%20spread%20fasterhttps://ecology.wa.gov/air-climate/responding-to-climate-change/wildfire-risks">https://ecology.wa.gov/air-climate/responding-to-climate-change/wildfire-risks</a>
- EPA (U.S. Environmental Protection Agency). 2022. Fugitive Dust Control Measures and Best Practices.

  Accessed February 13, 2025. <a href="https://www.epa.gov/system/files/documents/2022-02/fugitive-dust-control-best-practices.pdf">https://www.epa.gov/system/files/documents/2022-02/fugitive-dust-control-best-practices.pdf</a>

EPA (U.S. Environmental Protection Agency). 2024. Clean Air Act Permit Modeling Guidance. Last updated November 29, 2024. Accessed February 13, 2025. <a href="https://www.epa.gov/scram/clean-air-act-permit-modeling-guidance#appw">https://www.epa.gov/scram/clean-air-act-permit-modeling-guidance#appw</a>

- EPA (U.S. Environmental Protection Agency). 2025a. Climate Change Indicators: Atmospheric Concentrations of Greenhouse Gases. Last updated January 15, 2025a. Accessed February 13, 2025. <a href="https://www.epa.gov/climate-indicators/climate-change-indicators-atmospheric-concentrations-greenhouse-gases">https://www.epa.gov/climate-indicators/climate-change-indicators-atmospheric-concentrations-greenhouse-gases</a>
- EPA (U.S. Environmental Protection Agency). 2025b. Air Quality Statistics Report for 2023. Accessed February 13, 2025. <a href="https://www.epa.gov/outdoor-air-quality-data/air-quality-statistics-report">https://www.epa.gov/outdoor-air-quality-data/air-quality-statistics-report</a>
- EPA (U.S. Environmental Protection Agency). 2025c. Overview of Greenhouse Gases. Accessed February 13, 2025. https://www.epa.gov/ghgemissions/overview-greenhouse-gases
- EPA (U.S. Environmental Protection Agency). 2025d. About the Electric Power Systems Partnership. Accessed February 13, 2025. <a href="https://www.epa.gov/eps-partnership/about-electric-power-systems-partnership">https://www.epa.gov/eps-partnership/about-electric-power-systems-partnership</a>
- EPA (U.S. Environmental Protection Agency). 2025e. Sulfur Hexafluoride (SF6) Basics. Accessed February 13, 2025. <a href="https://www.epa.gov/eps-partnership/sulfur-hexafluoride-sf6-basics">https://www.epa.gov/eps-partnership/sulfur-hexafluoride-sf6-basics</a>
- WRCC (Western Regional Climate Center). Not dated. Western Washington. Retrieved January 29, 2025, from <a href="https://wrcc.dri.edu/Climate/narrative\_wa.php">https://wrcc.dri.edu/Climate/narrative\_wa.php</a>.
- WSDOT (Washington State Department of Transportation). 2022. Guidance on Addressing Air Quality, Greenhouse Gas Emissions, and Energy for WSDOT Projects. April 2022. Accessed February 13, 2025. <a href="https://wsdot.wa.gov/sites/default/files/2022-05/Env-ANE-AQGuidance.pdf">https://wsdot.wa.gov/sites/default/files/2022-05/Env-ANE-AQGuidance.pdf</a>
- WSDOT (Washington State Department of Transportation). 2025. Air Quality, Energy & Greenhouse Gas Emissions. Accessed February 13, 2025. <a href="https://wsdot.wa.gov/engineering-standards/environmental-guidance/air-quality-energy-greenhouse-gas-emissions">https://wsdot.wa.gov/engineering-standards/environmental-guidance/air-quality-energy-greenhouse-gas-emissions</a>

#### Section 3.4 – Water Resources

- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- DNR (Washington State Department of Natural Resources). 2025. Groundwater. Accessed February 5, 2025. <a href="https://www.dnr.wa.gov/geology-groundwater">https://www.dnr.wa.gov/geology-groundwater</a>
- Ecology (Washington State Department of Ecology). 2013. Water Rights in Washington. Accessed September 18, 2024. <a href="https://apps.ecology.wa.gov/publications/documents/961804swr.pdf">https://apps.ecology.wa.gov/publications/documents/961804swr.pdf</a>
- Ecology (Washington State Department of Ecology). 2019. Stormwater Management Manual for Eastern Washington. August 2019. https://apps.ecology.wa.gov/publications/documents/1810044.pdf
- Ecology (Washington State Department of Ecology). 2024. Stormwater Management Manual for Western Washington. July 2024. <a href="https://apps.ecology.wa.gov/publications/documents/2410013.pdf">https://apps.ecology.wa.gov/publications/documents/2410013.pdf</a>

EPA (U.S. Environmental Protection Agency). 2024. Overview of Total Maximum Daily Loads (TMDLs). Last updated October 25, 2025. Accessed October 29, 2024. <a href="https://www.epa.gov/tmdl/overview-total-maximum-daily-loads-tmdls">https://www.epa.gov/tmdl/overview-total-maximum-daily-loads-tmdls</a>

- EPA (U.S. Environmental Protection Agency). 2025. Current Implementation of Waters of the United States. Last updated January 17, 2025. Accessed February 5, 2025. <a href="https://www.epa.gov/wotus/current-implementation-waters-united-states">https://www.epa.gov/wotus/current-implementation-waters-united-states</a>
- EPA (U.S. Environmental Protection Agency). Not dated. Map of Sole Source Aquifer Locations. Accessed October 25, 2024. https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b
- FHWA, EPA, and WSDOT (Federal Highway Administration, U.S. Environmental Protection Agency, and Washington State Department of Transportation). 2014. Sole Source Aquifers in the State of Washington. Accessed September 19, 2024. <a href="https://www.wsdot.wa.gov/publications/manuals/fulltext/M31-11/agreements/FHWA\_EPA\_MOU\_SSA.pdf">https://www.wsdot.wa.gov/publications/manuals/fulltext/M31-11/agreements/FHWA\_EPA\_MOU\_SSA.pdf</a>
- NOAA (National Oceanic and Atmospheric Administration). 2022. Washington. Accessed October 25, 2024. https://statesummaries.ncics.org/downloads/Washington-StateClimateSummary2022.pdf
- USGS (U.S. Geological Survey). 2021. Hydrologic Unit Maps. Accessed September 18, 2024. https://www.usgs.gov/tools/hydrologic-unit-maps
- USGS (U.S. Geological Survey). 2025a. USGS Surface-Water Data for Washington. Accessed February 5, 2025. https://waterdata.usgs.gov/wa/nwis/sw
- USGS (U.S. Geological Survey). 2025b. USGS Water Data for Washington. Accessed February 5, 2025. https://waterdata.usgs.gov/wa/nwis
- USGS (U.S. Geological Survey). Not dated. Watersheds. Accessed October 29, 2024. https://www.usgs.gov/centers/california-water-science-center/science/science-topics/watersheds
- Washington State Department of Health. 2012. Source Water Protection Requirements. 331-106. May 2012. Accessed October 4, 2024. https://doh.wa.gov/sites/default/files/legacy/Documents/Pubs/331-106.pdf
- Washington State Department of Health. Not dated. Source Water Protection. Source Water Protection Program. Accessed October 2, 2024. <a href="https://doh.wa.gov/community-and-environment/drinking-water/source-water-protection">https://doh.wa.gov/community-and-environment/drinking-water/source-water-protection</a>

#### Section 3.5 – Vegetation

- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- Arid Lands Initiative. 2014. The Arid Lands Initiative Shared Priorities for Conservation at a Landscape Scale. Summary Prepared by Sonia A. Hall (SAH Ecologia LLC) and the Arid Lands Initiative Core Team, Wenatchee, Washington. <a href="https://aridlandsinitiative.org/our-shared-priorities/">https://aridlandsinitiative.org/our-shared-priorities/</a>

Azerrad, J. M., J. L. Michalak, and T. P. Johnson. 2023. PHS Local Government User Guide: Biodiversity Areas and Corridors Map. Habitat Program, Washington Department of Fish and Wildlife, Olympia, Washington. Accessed November 8, 2024. <a href="https://wdfw.wa.gov/publications/02426">https://wdfw.wa.gov/publications/02426</a>

- BC (British Columbia) Ministry of Transportation and Infrastructure. 2022. Erosion and Sediment Control Manual. Accessed October 10, 2024. <a href="https://www2.gov.bc.ca/assets/gov/driving-and-transportation/transportation-infrastructure/engineering-standards-and-guidelines/environment/references/erosion-and-sediment-control-manual.pdf">https://www2.gov.bc.ca/assets/gov/driving-and-transportation/transportation-infrastructure/engineering-standards-and-guidelines/environment/references/erosion-and-sediment-control-manual.pdf</a>
- Benson, J. E., R. T. Tveten, M. G. Asher, and P. W. Dunwiddie. 2011. Shrub-Steppe and Grassland Restoration Manual for the Columbia River Basin. Olympia, Washington: Washington Department of Fish and Wildlife. https://wdfw.wa.gov/publications/01330
- Bentrup, G. 2008. Conservation Buffers. Design Guidelines for Buffers, Corridors, and Greenways. General Technical Report SRS-109. U.S. Department of Agriculture National Agroforestry Center and Forest Service Southern Research Station. Accessed January 27, 2025. https://doi.org/10.2737/SRS-GTR-109
- Bradley, B. A., C. A. Curtis, E. J. Fusco, J. T. Abatzoglou, J. K. Balch, S. Dadashi, and M. Tuanmu. 2017. Cheatgrass (*Bromus tectorum*) Distribution in the Intermountain Western United States and its Relationship to Fire Frequency, Seasonality, and Ignitions. Biological Invasions 20(7):1493–1506. Accessed January 27, 2025. https://doi.org/10.1007/s10530-017-1641-8
- Butts, T. R., B. K. Fritz, K. B. Kouame, J. K. Norsworthy, L. T. Barber, W. J. Ross, G. M. Lorenz, B. C. Thrash, N. R. Bateman, and J. J. Adamczyk. 2022. Herbicide Spray Drift from Ground and Aerial Applications: Implications for Potential Pollinator Foraging Sources. Scientific Reports 12:18017. Accessed January 27, 2025. https://doi.org/10.1038/s41598-022-22916-4
- da Silva Correa, H., C. T. Blum, F. Galvão, and L. T. Maranho. 2022. Effects of Oil Contamination on Plant Growth and Development: A Review. Environmental Science and Pollution Research International 29: 42501-43515. Accessed January 27, 2025. https://doi.org/10.1007/s11356-022-19939-9
- Dhakal, S., B. B. Shrestha, K. P. Sharma, S. Paudel, and M. Siwakoti. 2023. Grasslands Are More Vulnerable to Plant Invasions than Forests in South-central Nepal. Environmental Challenges 15: 100929. Accessed January 27, 2025. <a href="https://doi.org/10.1016/j.envc.2024.100929">https://doi.org/10.1016/j.envc.2024.100929</a>
- DNR (Washington State Department of Natural Resources). 2007. Conservation Strategy for Washington State Inland Sand Dunes. Natural Heritage Report 2007-05. Accessed January 27, 2025. https://www.dnr.wa.gov/publications/amp\_nh\_inland\_dunes.pdf?jsdf0n
- DNR (Washington State Department of Natural Resources). 2018. State of Washington Natural Heritage Plan. Accessed September 13, 2024. <a href="https://www.dnr.wa.gov/publications/amp\_nh\_plan\_2018.pdf">https://www.dnr.wa.gov/publications/amp\_nh\_plan\_2018.pdf</a>
- DNR (Washington State Department of Natural Resources). 2021. Habitat Conservation Plan Lands. Accessed February 2025. <a href="https://geo.wa.gov/datasets/wadnr::habitat-conservation-plan-lands/about">https://geo.wa.gov/datasets/wadnr::habitat-conservation-plan-lands/about</a>
- DNR (Washington State Department of Natural Resources). 2022a. Oaks and Grasslands of the Puget Trough Ecoregion. Accessed February 2025. <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::oaks-and-grasslands-of-the-puget-trough-ecoregion/about">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::oaks-and-grasslands-of-the-puget-trough-ecoregion/about</a>

DNR (Washington State Department of Natural Resources). 2022b. Ecoregions of the Pacific Northwest.

Accessed August 21, 2024. <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::ecoregions-of-the-pacific-northwest/explore?location=42.975673%2C-119.790189%2C5.18">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::ecoregions-of-the-pacific-northwest/explore?location=42.975673%2C-119.790189%2C5.18</a>

- DNR (Washington State Department of Natural Resources). 2022b. Washington Natural Heritage Program Element Occurrences Historical. Accessed February 2025. <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::washington-natural-heritage-program-element-occurrences-historical/about">historical/about</a>
- DNR (Washington State Department of Natural Resources). 2023. Washington Natural Heritage Program Element Occurrences Current. Accessed February 2025. <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::washington-natural-heritage-program-element-occurrences-current/about">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::washington-natural-heritage-program-element-occurrences-current/about</a>
- Dubé, C., S. Pellerin, and M. Poulin. 2011. Do Power Line Rights-of-way Facilitate the Spread of Non-Peatland and Invasive Plants in Bogs and Fens? Botany 89(2):91-103. Accessed January 27, 2025. https://doi.org/10.1139/B10-089
- Ecology (Washington State Department of Ecology). 2013. Update on Wetland Buffers: The State of the Science Final Report. Publication no. 13-06-11. Accessed October 17, 2024. <a href="https://apps.ecology.wa.gov/publications/documents/1306011.pdf">https://apps.ecology.wa.gov/publications/documents/1306011.pdf</a>
- Ecology (Washington State Department of Ecology). 2024a. Stormwater Management Manual for Western Washington. Accessed October 11, 2024. <a href="https://fortress.wa.gov/ecy/ezshare/wq/SWMMs/2024SWMMWW/Content/Resources/DocsForDownload/2024SWMMWW\_6-14-24.pdf">https://fortress.wa.gov/ecy/ezshare/wq/SWMMs/2024SWMMWW/Content/Resources/DocsForDownload/2024SWMMWW\_6-14-24.pdf</a>
- Ecology (Washington State Department of Ecology). 2024b. Stormwater Management Manual for Eastern Washington. Accessed October 11, 2024. <a href="https://fortress.wa.gov/ecy/ezshare/wq/SWMMs/2024SWMMEW/">https://fortress.wa.gov/ecy/ezshare/wq/SWMMs/2024SWMMEW/</a> Content/Resources/DocsForDownload/2024SWMMEW\_6-14-24.pdf
- Ecology (Washington State Department of Ecology). 2024c. Wetlands: Nature's Water Filters, Sponges & Nurseries. Accessed September 13, 2024. <a href="https://ecology.wa.gov/water-shorelines/wetlands/wetlands-overview">https://ecology.wa.gov/water-shorelines/wetlands/wetlands-overview</a>
- Ecology (Washington State Department of Ecology). 2024d. Riparian Education. Accessed January 2, 2025. <a href="https://ecology.wa.gov/water-shorelines/puget-sound/helping-puget-sound/riparian-restoration/riparian-education">https://ecology.wa.gov/water-shorelines/puget-sound/helping-puget-sound/riparian-restoration/riparian-education</a>
- Ecology (Washington State Department of Ecology), U.S. Army Corps of Engineers Seattle District, and U.S. Environmental Protection Agency Region 10. 2006. Wetland Mitigation in Washington State Part 2: Developing Mitigation Plans (Version 1). Washington State Department of Ecology Publication 06-06-011b. Accessed January 27, 2025. <a href="https://apps.ecology.wa.gov/publications/documents/0606011b.pdf">https://apps.ecology.wa.gov/publications/documents/0606011b.pdf</a>
- Ecology (Washington State Department of Ecology), U.S. Army Corps of Engineers Seattle District, and U.S. Environmental Protection Agency Region 10. 2021. Wetland Mitigation in Washington State Part 1: Agency Policies and Guidance (Version 2). Washington State Department of Ecology Publication 21-06-003. Accessed January 27, 2025. https://apps.ecology.wa.gov/publications/documents/2106003.pdf

EPA (U.S. Environmental Protection Agency). 2024. Permit Program under CWA Section 404. Accessed September 19, 2024. <a href="https://www.epa.gov/cwa-404/permit-program-under-cwa-section-404">https://www.epa.gov/cwa-404/permit-program-under-cwa-section-404</a>

- Farmer, A. M. 1993. The Effects of Dust on Vegetation A Review. Environmental Pollution 79(1): 63-75. Accessed January 27, 2025. <a href="https://doi.org/10.1016/0269-7491(93)90179-R">https://doi.org/10.1016/0269-7491(93)90179-R</a>
- Folkerts, K. E., T. P. Johnson, and J. L. Michalak. 2023. PHS Local Government User Guide: Shrubsteppe and Eastside Steppe Map. Olympia, Washington: Habitat Program, Washington Department of Fish and Wildlife. <a href="https://wdfw.wa.gov/publications/02424">https://wdfw.wa.gov/publications/02424</a>
- Government of Canada. 2014. Why Some Species Become at Risk. Accessed December 16 2024.

  <a href="https://www.canada.ca/en/environment-climate-change/services/species-risk-education-centre/why-some-species-become-at-risk.html">https://www.canada.ca/en/environment-climate-change/services/species-risk-education-centre/why-some-species-become-at-risk.html</a>
- Greenwood, P. and N. J. Kuhn. 2014. Does the Invasive Plant, *Impatiens glandulifera*, Promote Soil Erosion along the Riparian Zone? An Investigation on a Small Watercourse in Northwest Switzerland. Journal of Soils and Sediments 14: 637-650. Accessed January 27, 2025.

  <a href="https://link.springer.com/article/10.1007/s11368-013-0825-9">https://link.springer.com/article/10.1007/s11368-013-0825-9</a>
- Haddad, N. M., L. A. Brudvig, J. Clobert, K. F. Davies, A. Gonzalez, R. D. Holt, et al. 2015. Habitat Fragmentation and Its Lasting Impact on Earth's Ecosystems. Science Advances 1(2):1-9. Accessed January 27, 2025. https://doi.org/10.1126/sciadv.1500052
- Kameswaran, S., Y. Gunavathi, and P. Gopi Krishna. 2019. Dust Pollution and Its Influence on Vegetation A Critical Analysis. Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences 5(1):341-363. Accessed January 27, 2025. https://doi.org/10.26479/2019.0501.31
- Lampinen, J., K. Ruokolainen, and A. Huhta. 2015. Urban Power Line Corridors as Novel Habitats for Grassland and Alien Plant Species in South-Western Finland. PLoS ONE 10(11):e0142236. Accessed January 27, 2025. <a href="https://doi.org/10.1371/journal.pone.0142236">https://doi.org/10.1371/journal.pone.0142236</a>
- LANDFIRE (Landscape Fire and Resource Management Planning Tools). 2016a. LANDFIRE: Existing Vegetation Type Layer, LANDFIRE 2.0, U.S. Department of the Interior, U.S. Geological Survey, and U.S. Department of Agriculture. Accessed September 4, 2024. <a href="https://www.landfire.gov/viewer">https://www.landfire.gov/viewer</a>
- LANDFIRE (Landscape Fire and Resource Management Planning Tools). 2016b. Existing Vegetation Type. Accessed September 4, 2024. <a href="https://www.landfire.gov/vegetation/evt">https://www.landfire.gov/vegetation/evt</a>
- LANDFIRE (Landscape Fire and Resource Management Planning Tools). 2016c. About LANDFIRE. Accessed September 4, 2024. https://www.landfire.gov/about-landfire
- Lehtinen, R. M. 2023. Empirical Evidence for the Rescue Effect from a Natural Microcosm. Animals 13(12): 1907. Accessed January 27, 2025. <a href="https://doi.org/10.3390/ani13121907">https://doi.org/10.3390/ani13121907</a>
- McIntosh, T. T., M. Vander Haegen, and M. A. Schroeder. 2007. Patterns in Biological Soil Crust Recovery in Conservation Reserve Program fields, Washington State. Report. Washington Department of Fish and Wildlife, Olympia, Washington. Accessed October 22, 2024. <a href="https://wdfw.wa.gov/publications/01306">https://wdfw.wa.gov/publications/01306</a>

Michaud, J. P. 2001. The Functions and Values of Wetlands. In At Home with Wetlands: A Landowner's Guide. Washington State Department of Ecology Publication, 17-22. Accessed January 27, 2025. https://apps.ecology.wa.gov/publications/documents/9031.pdf

- Miller, J. E. D., S. Wessel, and W. Fertig. 2024. 2024 Washington Vascular Plant Species of Conservation Concern. Natural Heritage Report 2024-07. Washington Department of Natural Resources Natural Heritage Program. Accessed September 13, 2024. <a href="https://www.dnr.wa.gov/publications/">https://www.dnr.wa.gov/publications/</a> amp\_nh\_vascular\_ets.pdf?4jnufw6
- NatureServe. 2024a. Conservation Status Assessment. Accessed December 13, 2024. https://www.natureserve.org/conservation-status-assessment
- NatureServe. 2024b. Definitions of NatureServe Conservation Status Ranks. Accessed October 10, 2024.

  <a href="https://help.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC">https://help.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC">https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC">https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC">https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC">https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC">https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Element\_Tracking/ETRAC</a>

  <a href="https://kelp.natureserve.org/biotics/content/record\_management/Element\_Files/Elem
- NatureServe. 2024c. International Terrestrial Ecological System: Columbia Plateau Western Juniper Woodland and Savanna. Arlington, Virginia. Accessed January 21, 2025.

  <a href="https://explorer.natureserve.org/Taxon/ELEMENT\_GLOBAL.2.740155/">https://explorer.natureserve.org/Taxon/ELEMENT\_GLOBAL.2.740155/</a>
  <a href="Columbia\_Plateau\_Western\_Juniper\_Woodland\_and\_Savanna">Columbia\_Plateau\_Western\_Juniper\_Woodland\_and\_Savanna</a>
- North American Electric Reliability Corporation (NERC). 2016. Transmission Vegetation Management FAC-003-4. Accessed January 7, 2025. <a href="https://www.nerc.com/pa/stand/reliability%20standards/fac-003-4.pdf">https://www.nerc.com/pa/stand/reliability%20standards/fac-003-4.pdf</a>
- NWCB (Washington State Noxious Weed Control Board). 2024a. Controlling Noxious Weeds. Accessed September 23, 2024. <a href="https://www.nwcb.wa.gov/control-and-disposal">https://www.nwcb.wa.gov/control-and-disposal</a>
- NWCB (Washington State Noxious Weed Control Board). 2024b. Disposing of Noxious Weeds. Accessed September 23, 2024. https://www.nwcb.wa.gov/disposing-of-noxious-weeds
- Olson, E. and J. M. Doherty. 2012. The Legacy of Pipeline Installation on the Soil and Vegetation of Southeast Wisconsin Wetlands. Ecological Engineering 39:53-62. Accessed January 27, 2025. https://doi.org/10.1016/j.ecoleng.2011.11.005
- ORIA (Governor's Office for Regulatory Innovation & Assistance). 2019. Wetland Mitigation Bank Certification. Accessed September 19, 2024. <a href="https://www.oria.wa.gov/site/alias\_oria/mid\_12357/403/handbook-entry?ItemID=131">https://www.oria.wa.gov/site/alias\_oria/mid\_12357/403/handbook-entry?ItemID=131</a>
- Poulenard J. and P. Podwojewski. 2004. Alpine Soils. Encyclopedia of Soil Science. DOI: 10.1081/E-ESS 120017544.
- PSCW (Public Service Commission of Wisconsin). Not dated. Environmental Impacts of Transmission Lines. Accessed October 22, 2024. <a href="https://psc.wi.gov/Documents/Brochures/Environmental%20Impacts%20TL.pdf">https://psc.wi.gov/Documents/Brochures/Environmental%20Impacts%20TL.pdf</a>
- Rodrick, E. and R. Milner, eds. 1991. Management Recommendations for Washington's Priority Habitats and Species. Olympia, Washington: Washington Department of Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/publications/00032

Urgenson, L. S., S. H. Reichard, and C. B. Halpern. 2009. Community and Ecosystem Consequences of Giant Knotweed (*Polygonum sachalinense*) Invasion into Riparian Forests of Western Washington, USA. Biological Conservation 142(7):1536–1541. Accessed January 27, 2025. <a href="https://doi.org/10.1016/j.biocon.2009.02.023">https://doi.org/10.1016/j.biocon.2009.02.023</a>

- USACE and EPA (U.S. Army Corps of Engineers and U.S. Environmental Protection Agency). 2024. Wetlands; Wetland Definition. Accessed December 16, 2024. <a href="https://www.nww.usace.army.mil/Business-With-Us/Regulatory-Division/Wetlands/">https://www.nww.usace.army.mil/Business-With-Us/Regulatory-Division/Wetlands/</a>
- USFWS (U.S. Fish and Wildlife Service). 2024a. Permits for Native Endangered and Threatened Species. Accessed September 19, 2024. <a href="https://www.fws.gov/library/collections/permits-native-endangered-and-threatened-species">https://www.fws.gov/library/collections/permits-native-endangered-and-threatened-species</a>
- USFWS (U.S. Fish and Wildlife Service). 2024b. Wetland Mapper. National Wetlands Inventory Surface Water and Wetlands. Accessed September 23, 2024. <a href="https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/">https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/</a>
- UTC (Washington Utilities and Transportation Commission). 2025. Wildfires. Accessed February 4, 2025. <a href="https://www.utc.wa.gov/regulated-industries/utilities/energy/wildfires">https://www.utc.wa.gov/regulated-industries/utilities/energy/wildfires</a>
- WDFW (Washington Department of Fish and Wildlife). 2005. Washington's Comprehensive Wildlife Conservation Strategy. Wildlife Research and Management. Accessed January 27, 2025 <a href="https://wdfw.wa.gov/sites/default/files/publications/00727/wdfw00727.pdf">https://wdfw.wa.gov/sites/default/files/publications/00727/wdfw00727.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2009a. Landscape Planning for Washington's Wildlife: Managing for Biodiversity in Developing Areas. Olympia, Washington. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/00023/wdfw00023.pdf">https://wdfw.wa.gov/sites/default/files/publications/00023/wdfw00023.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2009b. Washington Department of Fish and Wildlife Wind Power Guidelines. April 2009. Accessed January 29, 2025. https://wdfw.wa.gov/sites/default/files/publications/00294/wdfw00294.pdf
- WDFW (Washington Department of Fish and Wildlife). 2020a. Management Recommendations for Washington's Priority Habitats: Shrubsteppe. Accessed October 17, 2024. <a href="https://wdfw.wa.gov/sites/default/files/publications/01333/wdfw01333.pdf">https://wdfw.wa.gov/sites/default/files/publications/01333/wdfw01333.pdf</a>
- WDFW (Washington Department of Fish and Wildlife) 2020b. Riparian Ecosystems, Volume 2: Management Recommendations. Accessed October 17, 2024. <a href="https://wdfw.wa.gov/sites/default/files/publications/01988/wdfw01988.pdf">https://wdfw.wa.gov/sites/default/files/publications/01988/wdfw01988.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2023. State of Washington Priority Habitats and Species List. Accessed October 17, 2024. https://wdfw.wa.gov/sites/default/files/publications/00165/wdfw00165.pdf
- WDFW (Washington Department of Fish and Wildlife). 2024a. Best Management Practices for Mitigating Impacts to Oregon White Oak Priority Habitat. Accessed November 8, 2024. <a href="https://wdfw.wa.gov/sites/default/files/publications/02465/wdfw02465.pdf">https://wdfw.wa.gov/sites/default/files/publications/02465/wdfw02465.pdf</a>

WDFW (Washington Department of Fish and Wildlife). 2024b. Washington Shrubsteppe Restoration and Resiliency Initiative: Long-Term Strategy 2024 – 2054. Olympia, Washington: Washington Department of Fish and Wildlife, Washington State Department of Natural Resources, Washington State Conservation Commission. <a href="https://wdfw.wa.gov/publications/02489">https://wdfw.wa.gov/publications/02489</a>

- WDFW (Washington Department of Fish and Wildlife). 2024c. Priority Habitat and Species Database. Geospatial database provided by WDFW on August 21, 2024, to WSP Canada Inc.
- Weidenhamer, J. D. and R. M. Callaway. 2010. Direct and Indirect Effects of Invasive Plants on Soil Chemistry and Ecosystem Function. Journal of Chemical Ecology 36(1):59-69. Accessed January 27, 2025. http://dx.doi.org/10.1007/s10886-009-9735-0
- Wetland Stewardship Partnership. 2009. Interim Guidelines for Wetland Protection and Conservation in British Columbia; Chapter 9 Road and Utility Corridors. Accessed January 6, 2025. <a href="https://www2.gov.bc.ca/assets/gov/environment/natural-resource-stewardship/best-management-practices/wetland\_ways\_ch\_9\_corridors.pdf">https://www2.gov.bc.ca/assets/gov/environment/natural-resource-stewardship/best-management-practices/wetland\_ways\_ch\_9\_corridors.pdf</a>
- Zedler, J. B. and S. Kercher. 2004. Causes and Consequences of Invasive Plants in Wetlands: Opportunities, Opportunists, and Outcomes. Critical Reviews in Plant Sciences 23(5): 431-452. Accessed January 27, 2025. https://doi.org/10.1080/07352680490514673

### Section 3.6 - Habitat, Wildlife, and Fish

- Akins, J. R. 2016. Distribution, Genetic Structure, and Conservation Status of the Cascade Red Fox in Southern Washington [Ph.D. Dissertation]. University of California, Davis. Accessed January 23, 2025. https://doi.org/10.13140/RG.2.2.30741.73443
- Altman, B., D. W. Stinson, and G. E. Hayes. 2020. Status Report for the Oregon Vesper Sparrow in Washington. Olympia, Washington: Washington Department of Fish and Wildlife, 1-40. Accessed January 22, 2025. https://wdfw.wa.gov/sites/default/files/publications/02147/wdfw02147.pdf
- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- Anguiano, M. P. and J. E. Diffendorfer. 2015. Effects of Fragmentation on the Spatial Ecology of the California Kingsnake (*Lampropeltis californiae*). Journal of Herpetology, 49(3):420–427. Accessed January 22, 2025. http://www.jstor.org/stable/44164615
- APLIC (Avian Power Line Interaction Committee). 2006. Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006. Washington, D.C.: Edison Electric Institute and APLIC. Accessed January 22, 2025. <a href="https://www.nrc.gov/docs/ML1224/ML12243A391.pdf">https://www.nrc.gov/docs/ML1224/ML12243A391.pdf</a>
- APLIC (Avian Power Line Interaction Committee). 2012. Reducing Avian Collisions with Power Lines: The State of the Art in 2012. Washington, D.C.: Edison Electric Institute and APLIC. Accessed January 23, 2025. <a href="https://www.resolutionmineeis.us/sites/default/files/references/avian-power-line-2012.pdf">https://www.resolutionmineeis.us/sites/default/files/references/avian-power-line-2012.pdf</a>
- APLIC (Avian Power Line Interaction Committee). 2015. Best Management Practices for Electric Utilities in Sage-Grouse Habitat. Washington, D.C.: Edison Electric Institute and APLIC. Accessed January 23, 2025. https://aplic.org/uploads/files/15646/SAGR%20BMP%20FINAL\_June%202015.pdf

Arcese, P., M. K. Sogge, A. B. Marr, and M. A. Patten. 2020. Song Sparrow (*Melospiza melodia*), version 1.0. In Birds of the World (A. F. Poole and F. B. Gill, Editors). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 23, 2025. USA. <a href="https://doi.org/10.2173/bow.sonspa.01">https://doi.org/10.2173/bow.sonspa.01</a>

- Arid Lands Initiative. 2014. The Arid Lands Initiative Shared Priorities for Conservation at a Landscape Scale. Summary Prepared by Sonia A. Hall (SAH Ecologia LLC) and the Arid Lands Initiative Core Team, Wenatchee, Washington. <a href="https://aridlandsinitiative.org/our-shared-priorities/">https://aridlandsinitiative.org/our-shared-priorities/</a>
- Audubon. 2024. Audubon Open Data Library IBA Polygons Public. Accessed January 6, 2025. <a href="https://data-library-audubon.hub.arcgis.com/datasets/audubon::iba-polygons-public-1/explore?layer=0&location=47.407528%2C-120.384628%2C7.89">https://data-library-audubon.hub.arcgis.com/datasets/audubon::iba-polygons-public-1/explore?layer=0&location=47.407528%2C-120.384628%2C7.89</a>
- Audubon Washington. Not dated. The Great Washington State Birding Trail. Accessed September 20, 2024. https://wa.audubon.org/birds/great-washington-state-birding-trail
- AZA Small Carnivore TAG (Taxon Advisory Group). 2010. Mustelid (*Mustelidae*) Care Manual. Silver Spring, Maryland: Association of Zoos and Aquariums. Accessed October 31, 2024. <a href="https://nagonline.net/wp-content/uploads/2014/05/MustelidCareManual2010-NAG-EDIT.pdf">https://nagonline.net/wp-content/uploads/2014/05/MustelidCareManual2010-NAG-EDIT.pdf</a>
- Azerrad, J. M. 2012. Management Recommendations for Washington's Priority Species: Great Blue Heron. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/01371/wdfw01371.pdf">https://wdfw.wa.gov/sites/default/files/publications/01371/wdfw01371.pdf</a>
- Azerrad, J. M., K. A. Divens, M. F. Livingston, M. S. Teske, H. L. Ferguson, and J. L. Davis. 2011. Site-specific Management: How to Avoid and Minimize Impacts of Development to Shrub-steppe. Olympia, Washington: Washington Department of Fish and Wildlife. https://wdfw.wa.gov/publications/01335
- Babic, F. 2017. Discussion on Noise and its Impact on Birds. Canadian Acoustical Association, 45(3):112–113. Accessed January 23, 2025. https://jcaa.caa-aca.ca/index.php/jcaa/article/view/3072
- Balmori, A. 2006. The Incidence of Electromagnetic Pollution on the Amphibian Decline: Is this an Important Piece of the Puzzle? Toxicological & Environmental Chemistry, 88(2):287–299. Accessed January 23, 2025. https://doi.org/10.1080/02772240600687200
- Balmori, A. 2010. Mobile Phone Mast Effects on Common Frog (*Rana temporaria*) Tadpoles: The City Turned Into a Laboratory. Electromagnetic Biology and Medicine, 29(1–12):31–35. Accessed January 23, 2025. https://doi.org/10.3109/15368371003685363
- Balmori, A. 2015. Anthropogenic Radiofrequency Electromagnetic Fields as an Emerging Threat to Wildlife Orientation. Science of The Total Environment, 518–519:58–60. Accessed January 23, 2025. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0048969715002296?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0048969715002296?via%3Dihub</a>
- Barnard, R. J., J. Johnson, P. Brooks, K. M. Bates, B. Heiner, J. P. Klavas, D. C. Ponder, P. D. Smith, and P. D. Powers. 2013. Water Crossing Design Guidelines, Washington Department of Fish and Wildlife. Olympia, Washington. Accessed January 23, 2025. https://wdfw.wa.gov/sites/default/files/publications/01501/wdfw01501.pdf
- Barnes, T. A., J. F. Dwyer, E. K. Mojica, P. A. Petersen, and R. E. Harness. 2022. Wildland Fires Ignited by Avian Electrocutions. Wildlife Society Bulletin, 46(3). Accessed January 23, 2025. https://doi.org/10.1002/wsb.1302

Barrass, A. N. 1985. The effects of highway traffic noise on the phonotactic and associated reproductive behavior of selected anurans [Thesis]. Vanderbilt University, Nashville, Tennessee. Accessed November 5, 2024. <a href="https://www.proquest.com/docview/303436432?fromopenview=true&fromunauthdoc=true&pq-origsite=gscholar&sourcetype=Dissertations%20&%20Theses">https://www.proquest.com/docview/303436432?fromopenview=true&fromunauthdoc=true&pq-origsite=gscholar&sourcetype=Dissertations%20&%20Theses</a>

- Barré, K., I. Thomas, I. Le Viol, K. Spoelstra, and C. Kerbiriou. 2023. Manipulating Spectra of Artificial Light Affects Movement Patterns of Bats Along Ecological Corridors. Animal Conservation, 26(6):865-875. Accessed January 23, 2025. https://zslpublications.onlinelibrary.wiley.com/doi/10.1111/acv.12875
- Bartzke, G. S., R. May, K. Bevanger, S. Stokke, and E. Røskaft. 2014. The Effects of Power Lines on Ungulates and Implications for Power Line Routing and Rights-Of-Way Management. International Journal of Biodiversity and Conservation, 6(9):647–662. Accessed January 23, 2025. https://pdfs.semanticscholar.org/c728/88c139b7459b704760244abeaa5f2cfce007.pdf
- Bartzke, G. S., R. May, E. J. Solberg, C. M. Rolandsen, and E. Røskaft. 2015. Differential Barrier and Corridor Effects of Power Lines, Roads and Rivers on Moose (*Alces alces*) Movements. Ecosphere, 6(4):1–17. Accessed January 23, 2025. <a href="http://dx.doi.org/10.1890/ES14-00278.1">http://dx.doi.org/10.1890/ES14-00278.1</a>
- Baxter-Gilbert, J. H., J. L. Riley, C. J. H. Neufeld, J. D. Litzgus, and D. Lesbarrères. 2015. Road Mortality Potentially Responsible for Billions of Pollinating Insect Deaths Annually. Journal of Insect Conservation, 19:1029–1035. Accessed January 23, 2025. https://link.springer.com/article/10.1007/s10841-015-9808-z
- Bayne, E. M. and K. A. Hobson. 1998. The Effects of Habitat Fragmentation by Forestry and Agriculture on the Abundance of Small Mammals in the Southern Boreal Mixedwood Forest. Canadian Journal of Zoology, 76(1):62–68. Accessed January 23, 2025. <a href="https://cdnsciencepub.com/doi/10.1139/z97-171">https://cdnsciencepub.com/doi/10.1139/z97-171</a>
- Bayne, E. M., L. Habib, and S. Boutin. 2008. Impacts of Chronic Anthropogenic Noise from Energy-Sector Activity on Abundance of Songbirds in the Boreal Forest. Conservation Biology, 22(5):1186–1193. Accessed January 23, 2025. <a href="https://pubmed.ncbi.nlm.nih.gov/18616740/">https://pubmed.ncbi.nlm.nih.gov/18616740/</a>
- Bee, M. A. and E. M. Swanson. 2007. Auditory Masking of Anuran Advertisement Calls by Road Traffic Noise. Animal Behaviour, 74(6):1765–1776. Accessed January 23, 2025. https://doi.org/10.1016/j.anbehav.2007.03.019
- Bélisle, M. and C. C. St. Clair. 2001. Cumulative Effects of Barriers on the Movements of Forest Birds. Conservation Ecology, 5(2). Accessed November 29, 2023. <a href="https://doi.org/10.5751/ES-00312-050209">https://doi.org/10.5751/ES-00312-050209</a>
- Benítez-López, A., R. Alkemade, and P. A. Verweij. 2010. Are Mammal and Bird Populations Declining in the Proximity of Roads and Other Infrastructure? CEE review 09-007 (SR68). Collaboration for Environmental Evidence. Accessed June 9, 2022. <a href="https://environmentalevidence.org/project/are-mammal-and-bird-populations-declining-in-the-proximity-of-roads-and-other-infrastructure-systematic-review/">https://environmentalevidence.org/project/are-mammal-and-bird-populations-declining-in-the-proximity-of-roads-and-other-infrastructure-systematic-review/</a>
- Benoit-Pépin, A., M. J. Feldman, L. Imbeau, and O. Valeria. 2024. Use of Linear Features by Mammal Predators and Prey in Managed Boreal Forests. Forest Ecology and Management, 561. Accessed January 23, 2025. https://doi.org/10.1016/j.foreco.2024.121911

Benson, J. E., R. K. Tveten, M. G. Asher, and P. W. Dunwiddie. 2011. Shrub-Steppe and Grassland Restoration Manual for the Columbia River Basin. Olympia, Washington: Washington Department of Fish and Wildlife. <a href="https://wdfw.wa.gov/publications/01330">https://wdfw.wa.gov/publications/01330</a>

- Berg, Å., K. Bergman, J. Wissman, M. Żmihorski, and E. Öckinger. 2016. Power-Line Corridors as Source Habitat for Butterflies in Forest Landscapes. Biological Conservation, 201:320–326. Accessed January 23, 2025. https://doi.org/10.1016/j.biocon.2016.07.034
- Bergamini, E., S. Prandelli, F. Minelli, and R. C. Gatti. 2024. Impacts of Noise Pollution from High-speed rail and Road on Bird Diversity: A Case Study in a Protected Area of Italy. Environmental Science and Pollution Research, 31(22):1–10. Accessed January 23, 2025. <a href="https://www.researchgate.net/publication/379960112\_Impacts\_of\_noise\_pollution\_from\_high-speed\_rail\_and\_road\_on\_bird\_diversity\_a\_case\_study\_in\_a\_protected\_area\_of\_Italy</a>
- Bernardino, J., K. Bevanger, R. Barrientos, J. F. Dwyer, A. T. Marques, R. C. Martins, J. M. Shaw, J. P. Silva, and F. Moreira. 2018. Bird Collisions with Power Lines: State of the Art and Priority areas for research. Biological Conservation, 222:1–13. Accessed January 23, 2025. https://www.sciencedirect.com/science/article/abs/pii/S0006320717317925
- Beschta, R. L. 1997. Riparian Shade and Stream Temperature: An Alternative Perspective. Rangelands, 19(2):25–28. Accessed January 23, 2025. <a href="https://journals.uair.arizona.edu/index.php/rangelands/article/viewFile/11326/10599#:~:text=Riparian%20Shade%20and%20Stream%20Temperature">https://journals.uair.arizona.edu/index.php/rangelands/article/viewFile/11326/10599#:~:text=Riparian%20Shade%20and%20Stream%20Temperature</a>
- Betts, M. G., Z. Yang, A. S. Hadley, A. C. Smith, J. S. Rousseau, J. M. Northrup, J. J. Nocera, N. Gorelick, and B. D. Gerber. 2022. Forest Degradation Drives Widespread Avian Habitat and Population Declines. Nature Ecology and Evolution, 6:709–719. Accessed January 23, 2025. <a href="https://www.nature.com/articles/s41559-022-01737-8">https://www.nature.com/articles/s41559-022-01737-8</a>
- Biasotto, L. D. and A. Kindel. 2018. Power Lines and Impacts on Biodiversity: A Systematic Review. Environmental Impact Assessment Review, 71:110–119. Accessed January 23, 2025. https://doi.org/10.1016/j.eiar.2018.04.010
- BirdLife International. 2021. Protecting Birds Where They Live and Migrate. Accessed July 31, 2024. https://www.birdlife.org/projects/ibas-mapping-most-important-places/
- Bird Studies Canada. 2024. IBA Criteria. Accessed September 16, 2024. <a href="https://www.ibacanada.ca/">https://www.ibacanada.ca/</a> <a href="mailto:iba\_criteria.jsp?lang=EN">iba\_criteria.jsp?lang=EN</a>
- BirdWeb. 2005. Ecoregions and Birding Sites. Accessed July 30, 2024. <a href="https://www.birdweb.org/birdweb/sites">www.birdweb.org/birdweb/sites</a>
- BirdWeb. 2024. Okanogan Ecoregion and Birding Sites. Accessed October 8, 2024. <a href="https://www.birdweb.org/birdweb/ecoregion/sites/okanogan/%27site%27">https://www.birdweb.org/birdweb/ecoregion/sites/okanogan/%27site%27</a>
- Bishop, C. A. and J. M. Brogan. 2013. Estimates of Avian Mortality Attributed to Vehicle Collisions in Canada. Avian Conservation and Ecology, 8(2):2. Accessed January 23, 2025. <a href="http://dx.doi.org/10.5751/ACE-00604-080202">http://dx.doi.org/10.5751/ACE-00604-080202</a>

Bonneville Power Administration. 2019. Threatened Frogs Find Refuge in BPA Transmission Line Corridors.

Accessed August 20, 2024. <a href="https://www.bpa.gov/-/media/Aep/about/publications/news-releases/20190415-pr-05-19-threatened-frogs-find-refuge-in-bpa-transmission-line-corridors.pdf">https://www.bpa.gov/-/media/Aep/about/publications/news-releases/20190415-pr-05-19-threatened-frogs-find-refuge-in-bpa-transmission-line-corridors.pdf</a>

- Borowik, T., M. Ratkiewicz, W. Maślanko, N. Duda, and R. Kowalczyk. 2020. The Level of Habitat Patchiness Influences Movement Strategy of Moose in Eastern Poland. PLOS ONE, 15(3). Accessed January 23, 2025. https://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0230521
- Bouskila, A. 1995. Interactions Between Predation Risk and Competition: A Field study of Kangaroo Rats and Snakes. Ecology. 76(1):165–178. Accessed January 23, 2025. https://esajournals.onlinelibrary.wiley.com/doi/10.2307/1940639
- Bowers, M. 1988. Seed Removal Experiments on Desert Rodents: The Microhabitat by Moonlight Effect. Journal of Mammalogy. 69(1):201–204. Accessed January 23, 2025. <a href="https://www.semanticscholar.org/paper/Seed-Removal-Experiments-on-Desert-Rodents%3A-The-by-Bowers/c0c6c6be43ea4a9c41601175498e38cec930e672">https://www.semanticscholar.org/paper/Seed-Removal-Experiments-on-Desert-Rodents%3A-The-by-Bowers/c0c6c6be43ea4a9c41601175498e38cec930e672</a>
- Boyes, D. H., D. M. Evans, R. Fox, M. S. Parsons, and M. J. O. Pocock. 2021. Street Lighting Has Detrimental Impacts on Local Insect Populations. Science Advances 7(35). Accessed January 23, 2025. https://www.science.org/doi/10.1126/sciadv.abi8322
- Boyle, S. P., J. D. Litzgus, and D. Lesbarrères. 2020. Limited Evidence for Negative Effects of Highway Widening on North American Large Mammals. European Journal of Wildlife Research, 66(90). Accessed January 23, 2025. <a href="https://doi.org/10.1007/s10344-020-01428-4">https://doi.org/10.1007/s10344-020-01428-4</a>
- Bradshaw, C. J. A., S. Boutin, and D. M. Hebert. 1997. Effects of Petroleum Exploration on Woodland Caribou in Northeastern Alberta. Journal of Wildlife Management 61(4):1127–1133. Accessed January 23, 2025. <a href="https://researchnow.flinders.edu.au/en/publications/effects-of-petroleum-exploration-on-woodland-caribou-in-northeast">https://researchnow.flinders.edu.au/en/publications/effects-of-petroleum-exploration-on-woodland-caribou-in-northeast</a>
- Bramble, W. C., W. R. Byrnes, and M. D. Schuler. 1986. Effects of Special Right-of-Way Maintenance on an Avian Population. Journal of Arboriculture, 12(9). Accessed January 23, 2025. <a href="https://auf.isa-arbor.com/content/isa/12/9/219.full.pdf">https://auf.isa-arbor.com/content/isa/12/9/219.full.pdf</a>
- Bramble, W. C., R. H. Yahner, and W. R. Byrnes. 1992. Breeding-Bird Population Changes Following Right-of-Way Maintenance Treatments. Journal of Arboriculture, 18(1). Accessed January 23, 2025. <a href="https://auf.isa-arbor.com/content/isa/18/1/23.full.pdf">https://auf.isa-arbor.com/content/isa/18/1/23.full.pdf</a>
- Brosius. M. 2010. Effects of Transmission Lines and Pipelines on Wetland and Wildlife, and Best Management Practices A Literature Review. Maryland Department of the Environment. Baltimore, Maryland: Wetlands and Waterways Program. Accessed January 23, 2025.

  <a href="https://www.nawm.org/state\_meeting/2017/doc\_bmp\_final\_conv.pdf">https://www.nawm.org/state\_meeting/2017/doc\_bmp\_final\_conv.pdf</a>
- Browne, C. L. and C. A. Paszkowski. 2010. Hibernation Sites of Western Toads (Anaxyrus boreas):

  Characterization and Management Implications. Herpetological Conservation and Biology, 5(1):49–63.

  Accessed January 23, 2025. <a href="https://www.researchgate.net/publication/">https://www.researchgate.net/publication/</a>

  228493631 Hibernation sites of western toads Anaxyrus boreas Characterization and management implications

Bull, E. 2006. Sexual Differences in the Ecology and Habitat Selection of Western Toads (Bufo boreas) in Northeastern Oregon. Herpetological Conservation and Biology, 1(1):27–38. Accessed January 23, 2025. <a href="https://www.herpconbio.org/volume\_1/issue\_1/Bull\_2006.pdf">https://www.herpconbio.org/volume\_1/issue\_1/Bull\_2006.pdf</a>

- Burke Museum. 2013. Mammals of Washington. Seattle, Washington. Accessed July 31, 2024. <a href="https://www.burkemuseum.org/collections-and-research/biology/mammalogy/mamwash/">https://www.burkemuseum.org/collections-and-research/biology/mammalogy/mamwash/</a>? <a href="mailto:gg=2.1566001.1884039949.1730158265-2075511111.1730158265">gg=2.1566001.1884039949.1730158265-2075511111.1730158265</a>.
- Butler, R. W. 1991. Habitat Selection and Time of Breeding in the Great Blue Heron, (*Ardea herodias*) [PhD Thesis]. University of British Columbia. Accessed December 14, 2023. <a href="https://open.library.ubc.ca/soa/clRcle/collections/ubctheses/831/items/1.0100392">https://open.library.ubc.ca/soa/clRcle/collections/ubctheses/831/items/1.0100392</a>
- Butler, R. W. 1997. The Great Blue Heron: A Natural History and Ecology of a Seashore Sentinel. Vancouver, British Columbia: UBC Press.
- Cabrera-Cruz, S. A. and R. Villegas-Patraca. 2016. Response of Migrating Raptors to an Increasing Number of Wind Farms. Journal of Applied Ecology, 53(6):1667–1675. Accessed January 23, 2025. https://besjournals.onlinelibrary.wiley.com/doi/10.1111/1365-2664.12673
- CALTRANS (California Department of Transportation). 2016. Technical Guidance for Assessment and Mitigation of the Effects of Traffic Noise and Road Construction Noise on Birds. Sacramento, California: The California Department of Transportation, Division of Environmental Analysis, Sacramento. Accessed October 31, 2024. <a href="https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/noise-effects-on-birds-jun-2016-a11y.pdfpdf">https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/noise-effects-on-birds-jun-2016-a11y.pdfpdf</a>
- Cassola, F. 2016. *Marmota olympus*. The IUCN Red List of Threatened Species 2016.T42459A22257452. Accessed January 23, 2025. https://www.iucnredlist.org/species/42459/22257452#population
- Castaneda E., V. R. Leavings, R. F. Noss, and M. K. Grace. 2020. The Effects of Traffic Noise on Tadpole Behavior and Development. Urban Ecosystems, 23:245–253. Accessed January 23, 2025. https://link.springer.com/article/10.1007/s11252-020-00933-3
- CEC (Commission for Environmental Cooperation). 2011. North American Terrestrial Ecoregions—Level III (E. Wiken, F. J. Nava, and G. Griffith, Editors). Montreal, Québec. Accessed July 30, 2024. www.cec.org/files/documents/publications/10415-north-american-terrestrial-ecoregionslevel-iii-en.pdf.
- Cecala, K. K., W. H. Lowe, and J. C. Maerz. 2014. Riparian Disturbance Restricts In-Stream Movement of Salamanders. Freshwater Biology, 59(11):2354–2364. Accessed January 23, 2025. <a href="https://doi.org/10.1111/fwb.12439">https://doi.org/10.1111/fwb.12439</a>
- Chamberlain, C. P., V. R. Kane, and M. J. Case. 2021. Accelerating the Development of Structural Complexity: lidar Analysis Supports Restoration as a Tool in Coastal Pacific Northwest Forests. Forest Ecology and Management, 500. Accessed January 23, 2025. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0378112721007313">https://www.sciencedirect.com/science/article/abs/pii/S0378112721007313</a>
- Chan-McLeod, A. C. A. 2003. Factors Affecting the Permeability of Clearcuts to Red-Legged Frogs. The Journal of Wildlife Management, 67(4):663–671. Accessed January 23, 2025. <a href="https://doi.org/10.2307/3802673">https://doi.org/10.2307/3802673</a>

Colorado State University. 2016. Outdoor Recreation in Protected Areas Negatively Impacts Wildlife. Fort Collins, Colorado. Accessed September 3, 2024. <a href="https://phys.org/news/2016-12-outdoor-recreation-areas-negatively-impacts.html">https://phys.org/news/2016-12-outdoor-recreation-areas-negatively-impacts.html</a>

- Combs, J. K, D. W. Stinson, and A. Potter. 2023. Periodic status review for the Mardon Skipper. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2025. https://wdfw.wa.gov/sites/default/files/publications/02417/wdfw02417.pdf
- Conservation Biology Institute. 2024. Data Basin. Accessed September 11, 2024. <a href="https://databasin.org/maps/new/#datasets=ae02301d773945c983001a109cef09d6">https://databasin.org/maps/new/#datasets=ae02301d773945c983001a109cef09d6</a>
- Copping, A. E., L. G. Hemery, H. Viehman, A. C. Seitz, G. J. Staines, and D. J. Hasselman. 2021. Are Fish in Danger? A Review of Environmental Effects of Marine Renewable Energy on Fishes. Biological Conservation, 262:1–13. Accessed January 23, 2025. https://doi.org/10.1016/j.biocon.2021.109297
- Corkran, C. C. and C. Thoms. 1996. Amphibians of Oregon, Washington and British Columbia: A Field Identification Guide. Tukwila, Washington: Long Pine Pub.
- Cornell, E. A. and J. P. Hailman. 1984. Pupillary Responses of Two Rana Pipiens-complex Anuran Species. Herpetologica. 40(4):356–366. Accessed January 23, 2025. https://www.jstor.org/stable/3892087
- Cornell Lab. 2024. Birds of the World. Ithaca, New York: Cornell Lab of Ornithology. Accessed September 9, 2024. https://birdsoftheworld-org.proxy.birdsoftheworld.org/bow/home
- COSEWIC. 2012. COSEWIC Assessment and Status Report on the Western Toad (Anaxyrus boreas) Non-calling Population/Calling Population in Canada. COSEWIC Ott. xiv:71. Accessed October 28, 2024. <a href="https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/cosewic-assessments-status-reports/western-toad-2012.html">https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/cosewic-assessments-status-reports/western-toad-2012.html</a>
- Cott, P. A., A. Schein, B. W. Hanna, T. A. Johnston, D. D. MacDonald, and J. M. Gunn. 2015. Implications of Linear Developments on Northern Fishes. Environmental Review, 23:1–14. Accessed January 23, 2025. <a href="https://nwtdiscoveryportal.enr.gov.nt.ca/geoportaldocuments/Cott%20et%20al.%202015\_linear%20devel\_fish\_Env.%20Rev..pdf">https://nwtdiscoveryportal.enr.gov.nt.ca/geoportaldocuments/Cott%20et%20al.%202015\_linear%20devel\_fish\_Env.%20Rev..pdf</a>
- Cramer, M. L. (Managing Editor). 2012. Stream Habitat Restoration Guidelines. Olympia, Washington: Copublished by the Washington Departments of Fish and Wildlife, Natural Resources, Transportation, and Ecology, Washington State Recreation and Conservation Office, Puget Sound Partnership, and the US. Fish and Wildlife Service. Accessed January 23, 2025. https://wdfw.wa.gov/sites/default/files/publications/01374/wdfw01374.pdf
- Crooks, K. R., C. L. Burdett, D. M. Theobald, S. R. B. King, M. Di Marco, C. Rondinini, and L. Boitani. 2017.

  Quantification of habitat fragmentation reveals extinction risk in terrestrial mammals. Proceedings of the National Academy of Sciences, 114(29):7635–7640. Accessed January 23, 2025.

  <a href="https://pubmed.ncbi.nlm.nih.gov/28673992/">https://pubmed.ncbi.nlm.nih.gov/28673992/</a>
- Cullinan, T. 2001. Important Bird Areas of Washington. Olympia, Washington: Audubon Washington. Accessed January 23, 2025. <a href="https://wa.audubon.org/sites/default/files/static\_pages/attachments/iba-1-50\_pacific\_coast.pdf">https://wa.audubon.org/sites/default/files/static\_pages/attachments/iba-1-50\_pacific\_coast.pdf</a>

Dániel-Ferreira, J., R. Bommarco, J. Wissman, and E. Öckinger. 2020. Linear Infrastructure Habitats Increase Landscape-scale Diversity of Plants but not of Flower-visiting Insects. Scientific Reports, 10(21374). Accessed January 23, 2025. <a href="https://doi.org/10.1038/s41598-020-78090-y">https://doi.org/10.1038/s41598-020-78090-y</a>

- Dawson, W. R. 2020. Pine Siskin (Spinus pinus), version 1.0. In Birds of the World (A. F. Poole, Editor). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 23, 2025. https://doi.org/10.2173/bow.pinsis.01
- DeMars, C. A. and S. A. Boutin. 2018. Nowhere to Hide: Effects of Linear Features on Predator–Prey Dynamics in a Large Mammal System. Journal of Animal Ecology, 87(1):274–284. Accessed January 23, 2025. https://besjournals.onlinelibrary.wiley.com/doi/10.1111/1365-2656.12760
- Desimone, S. M. 2016. Periodic Status Review for the Marbled Murrelet in Washington. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2025. https://wdfw.wa.gov/publications/01827
- Desrochers A. and S. Hannon. 1997. Gap Crossing Decisions by Forest Songbirds during the Post-Fledging Period. Conservation Biology, 11(5):1204–1210. Accessed January 23, 2025. <a href="https://www.jstor.org/stable/2387402">https://www.jstor.org/stable/2387402</a>
- Develop with Care. 2014. Environmental Guidelines for Urban and Rural Land Development in British Columbia. Fact Sheet #13, Western Toad. Accessed September 25, 2024. <a href="https://www2.gov.bc.ca/assets/gov/environment/natural-resource-stewardship/best-management-practices/develop-with-care/fact-sheet-13-western-toad.pdf">https://www2.gov.bc.ca/assets/gov/environment/natural-resource-stewardship/best-management-practices/develop-with-care/fact-sheet-13-western-toad.pdf</a>
- Dickie, M., S. R. McNay, G. D. Sutherland, M. Cody, and T. Avgar. 2020. Corridors or Risk? Movement Along, and Use of, Linear Features Varies Predictably Among Large Mammal Predator and Prey Species. The Journal of Animal Ecology, 89(2):623–634. Accessed January 23, 2025. https://besjournals.onlinelibrary.wiley.com/doi/10.1111/1365-2656.13130
- DNR (Washington State Department of Natural Resources). 2022. Ecoregions of the Pacific Northwest. Accessed August 21, 2024. <a href="https://data-wadnr.opendata.arcgis.com/datasets/wadnr::ecoregions-of-the-pacific-northwest/explore?location=42.975673%2C-119.790189%2C5.18">https://data-wadnr.opendata.arcgis.com/datasets/wadnr::ecoregions-of-the-pacific-northwest/explore?location=42.975673%2C-119.790189%2C5.18</a>
- DNR (Washington State Department of Natural Resources). 2024. Forest Practices Water Typing. Accessed August 19, 2024. <a href="https://www.dnr.wa.gov/forest-practices-water-typing">https://www.dnr.wa.gov/forest-practices-water-typing</a>
- Doody, J. S., P. West, J. Stapley, M. Welsh, A. Tucker, E. Guarino, M. Pauza, et al. 2003. Fauna By-Catch in Pipeline Trenches: Conservation, Animal Ethics, and Current Practices in Australia. Australian Zoologist, 32(3):410–419. Accessed January 23, 2025. <a href="https://meridian.allenpress.com/australian-zoologist/article/32/3/410/134968/Fauna-by-catch-in-pipeline-trenches-conservation">https://meridian.allenpress.com/australian-zoologist/article/32/3/410/134968/Fauna-by-catch-in-pipeline-trenches-conservation</a>
- Ducks Unlimited Canada. 2008. Next Box Guide for Waterfowl. Accessed September 20, 2024. <a href="https://www.ab-conservation.com/downloads/educational\_materials/brochures/nest\_box\_guide\_and\_instructions.pdf">https://www.ab-conservation.com/downloads/educational\_materials/brochures/nest\_box\_guide\_and\_instructions.pdf</a>
- Drewitt, A. L. and R. H. W. Langston. 2006. Assessing the Impacts of Wind Farms on Birds. Ibis, 148(s1):29–42. Accessed January 23, 2024. <a href="https://onlinelibrary.wiley.com/doi/full/10.1111/j.1474-919X.2006.00516.x">https://onlinelibrary.wiley.com/doi/full/10.1111/j.1474-919X.2006.00516.x</a>
- D'Souza, F. and R. D. Martin. 1974. Maternal Behaviour and the Effects of Stress in Tree Shrews. Nature, 251:309–311. Accessed January 23, 2025. https://doi.org/10.1038/251309a0

Dwyer J. F., A. K. Pandey, L. A. McHale, and R. E. Harness. 2019. Near-Ultraviolet Light Reduced Sandhill Crane Collisions with a Power Line by 98%. The Condor, 121(2):1–10. Accessed January 23, 2025. https://academic.oup.com/condor/article/121/2/duz008/5476728

- Ecology (Washington State Department of Ecology). 2012a. Stormwater Management Manual for Western Washington. Volume IV Source Control BMPs. Publication No. 12-10-030. Olympia, Washington. Accessed January 23, 2025. https://apps.ecology.wa.gov/publications/parts/1210030part5.pdf
- Ecology (Washington State Department of Ecology). 2012b. Vehicle and Equipment Washwater Discharges. Best Management Practices Manual. Olympia, Washington. Accessed January 23, 2025. https://apps.ecology.wa.gov/publications/summarypages/95056.html
- Ecology (Washington State Department of Ecology). 2024. Stormwater Management Manual for Eastern Washington. Olympia, Washington. Accessed October 28, 2024.

  <a href="https://fortress.wa.gov/ecy/ezshare/wq/SWMMs/2024SWMMEW/Content/Resources/DocsForDownload/2024SWMMEW\_6-14-24.pdf">https://fortress.wa.gov/ecy/ezshare/wq/SWMMs/2024SWMMEW/Content/Resources/DocsForDownload/2024SWMMEW\_6-14-24.pdf</a>
- Ecology (Washington State Department of Ecology), U.S. Army Corps of Engineers Seattle District, and U.S. Environmental Protection Agency Region 10. 2006. Wetland Mitigation in Washington State-Part 2: Developing Mitigation Plans (Version 1), Washington State Department of Ecology Publication #06-06-011b. Olympia, Washington. Accessed January 23, 2025. https://apps.ecology.wa.gov/publications/parts/1210030part5.pdf
- Ecology (Washington State Department of Ecology), U.S. Army Corps of Engineers Seattle District, and U.S. Environmental Protection Agency Region 10. 2021. Wetland Mitigation in Washington State- Part 1: Agency Policies and Guidance (Version 2), Washington State Department of Ecology Publication #21-06-003. Olympia, Washington. Accessed January 23, 2025. https://apps.ecology.wa.gov/publications/documents/2106003.pdf
- ECOSTEM Ltd. 2019. Keeyask Transmission Project: Environmental Effects Monitoring Ecosystem Diversity Monitoring in 2018. A Report Prepared for Manitoba Hydro by ECOSTEM Ltd., January 2019. Accessed January 23, 2025. <a href="https://www.hydro.mb.ca/docs/projects/keeyask/ecosystem\_diversity\_report\_2019.pdf">https://www.hydro.mb.ca/docs/projects/keeyask/ecosystem\_diversity\_report\_2019.pdf</a>
- Eftestøl, S., D. Tsegaye, K. Flydal, and J. E. Colman. 2016. From High Voltage (300kV) to Higher Voltage (420kV) Power Lines: Reindeer Avoid Construction Activities. Polar Biology, 39:689–699. Accessed August 30, 2024. <a href="https://link.springer.com/article/10.1007/s00300-015-1825-6">https://link.springer.com/article/10.1007/s00300-015-1825-6</a>
- Eggeman, S. L., M. Hebblewhite, H. Bohm, J. Whittington, and E. H. Merrill. 2016. Behavioural Flexibility in Migratory Behaviour in a Long-Lived Large Herbivore. Journal of Animal Ecology, 85(3):785–797. Accessed January 23, 2025. <a href="https://besjournals.onlinelibrary.wiley.com/doi/10.1111/1365-2656.12495">https://besjournals.onlinelibrary.wiley.com/doi/10.1111/1365-2656.12495</a>
- Enge, K. M., D. T. Cobb, G. L. Sprandel, and D. L. Francis. 1996. Wildlife Captures in a Pipeline Trench in Gadsen County, Florida Scientist, Quarterly Journal of The Florida Academy of Sciences, 59(1):1–11. Accessed January 23, 2025. https://www.istor.org/stable/24320660
- Environmental BioAcoustics. 2007. The Effects of Highway Noise on Birds. Prepared for The California

  Department of Transportation. Accessed January 23, 2025. <a href="https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/bio-effects-hwy-noise-birds-100707-a11y.pdf">https://dot.ca.gov/-/media/dot-media/programs/env/bio-effects-hwy-noise-birds-100707-a11y.pdf</a>

Erritzøe, J., T. D. Mazgajski, and R. Lukasz. 2003. Bird Casualties on European Roads - A Review. Acta Ornithologica, 38(2):77–93. Accessed January 23, 2025. <a href="https://www.researchgate.net/publication/258211778\_Bird\_Casualties\_on\_European\_Roads\_-\_A\_Review">https://www.researchgate.net/publication/258211778\_Bird\_Casualties\_on\_European\_Roads\_-\_A\_Review</a>

- Erskine D. J. and V. H. Hutchison. 1982. Reduced Thermal Tolerance in an Amphibian Treated with Melatonin. Journal of Thermal Biology, 7(2):121–123. Accessed January 23, 2025. <a href="https://www.academia.edu/">https://www.academia.edu/</a> 103963986/Reduced\_thermal\_tolerance\_in\_an\_amphibian\_treated\_with\_melatonin?uc-sb-sw=6642114
- Ervin, E.L., R.N. Fisher, and K.R. Crooks. 2001. Factors Influencing Road-Related Amphibian Mortality in Southern California. University of California, Davis: Road Ecology Center. Accessed January 23, 2025. https://escholarship.org/uc/item/9tq3k4vr
- Ewers, R. M. and R. K. Didham. 2006. Confounding Factors in the Detection of Species Responses to Habitat Fragmentation. Biological Reviews, 81(1):117–142. Accessed January 23, 2025. https://onlinelibrary.wiley.com/doi/abs/10.1017/S1464793105006949
- Fain, G. L., H. R. Matthews, M. C. Cornwall, and Y. Koutalos. 2001. Adaptation in Vertebrate Photoreceptors. Physiological Review, 81(1):117–151. Accessed January 23, 2025. https://pubmed.ncbi.nlm.nih.gov/11152756/
- Ferrer, M., M. De Lucas., E. Hinojosa, and V. Morandini. 2020. Transporting Biodiversity Using Transmission Power Lines as Stepping-Stones? Diversity, 12(11):439. Accessed January 23, 2025. <a href="https://doi.org/10.3390/d12110439">https://doi.org/10.3390/d12110439</a>
- Fisher, C. and M. Slater. 2010. Effects of Electromagnetic Fields on Marine Species: A Literature Review.

  Portland, Oregon: Oregon Wave Energy Trust. Accessed January 23, 2025. <a href="https://tethys.pnnl.gov/sites/default/files/publications/Effects\_of\_Electromagnetic\_Fields\_on\_Marine\_Species.pdf">https://tethys.pnnl.gov/sites/default/files/publications/Effects\_of\_Electromagnetic\_Fields\_on\_Marine\_Species.pdf</a>
- Folkerts, K. E., T. P. Johnson, and J. L. Michalak. 2023. PHS Local Government User Guide: Shrubsteppe and Eastside Steppe Map. Olympia, Washington: Habitat Program, Washington Department of Fish and Wildlife. <a href="https://wdfw.wa.gov/publications/02424">https://wdfw.wa.gov/publications/02424</a>
- Formicki, K. and A. Winnicki. 1998. Reactions of Fish Embryos and Larvae to Constant Magnetic Fields. Italian Journal of Zoology, 65:S1, 479–482. Accessed January 23, 2025. <a href="https://www.tandfonline.com/doi/pdf/10.1080/11250009809386870">https://www.tandfonline.com/doi/pdf/10.1080/11250009809386870</a>
- Fortin, C. and G. Doucet. 2008. Small Mammal Communities along Transmission Power Line Rights-of-Way in Deciduous Forests of Québec. Environment Concerns in Rights-of-Way Management 8th International Symposium. Accessed January 23, 2025. <a href="https://www.semanticscholar.org/paper/Small-Mammal-Communities-along-Transmission-Power-Fortin-Doucet/4478906d57cca8b2959b96450ac6fe3d4e7d309e">https://www.semanticscholar.org/paper/Small-Mammal-Communities-along-Transmission-Power-Fortin-Doucet/4478906d57cca8b2959b96450ac6fe3d4e7d309e</a>
- Francis C. D., C. P. Ortega, and A. Cruz. 2009. Noise Pollution Changes Avian Communities and Species Interactions. Current Biology, 19(16):1415–1419. Accessed January 23, 2025. https://pubmed.ncbi.nlm.nih.gov/19631542/
- Froidevaux J. S. P., G. Jones, C. Kerbiriou, and K. J. Park. 2023. Acoustic Activity of Bats at Power Lines Correlates with Relative Humidity: A Potential Role for Corona Discharges. Proceedings of the Royal Society B: Biological Sciences, 290(1995). Accessed January 23, 2025. <a href="https://doi.org/10.1098/rspb.2022.2510">https://doi.org/10.1098/rspb.2022.2510</a>

Fukumoto, J. and S. Herrero. 1998. Observations of the Long-toed Salamander, Ambystoma macrodactylum, in Waterton Lakes National Park, Alberta. Canadian Field-Naturalist ,112(4):579–585. Accessed January 23, 2025. https://www.biodiversitylibrary.org/part/358485

- Garshelis, D. L. 2000. Delusions in Habitat Evaluation: Measuring Use, Selection and Importance. In Boitani, L. and T. K. Fuller (Editors), pp. 111–164, Research Techniques in Animal Ecology: Controversies and Consequences. New York, New York: Columbia University Press. Accessed January 23, 2025.

  <a href="https://www.researchgate.net/publication/236981849">https://www.researchgate.net/publication/236981849</a> Delusions in Habitat Evaluation Measuring Use S election and Importance
- Gaston K. J., and J. Bennie. 2014. Demographic Effects of Artificial Nighttime Lighting on Animal Populations. Environmental Reviews, 22(4):323–330. Accessed January 23, 2025. https://doi.org/10.1139/er-2014-0005
- Gaston K. J., J. Bennie, T. W. Davies, and J. Hopkins. 2013. The Ecological Impacts of Nighttime Light Pollution:

  A Mechanistic Appraisal. Biological Reviews, 88(4):912–927. Accessed January 23, 2025.

  <a href="https://onlinelibrary.wiley.com/doi/full/10.1111/brv.12036">https://onlinelibrary.wiley.com/doi/full/10.1111/brv.12036</a>
- Gerlach, G. and K. Musolf. 2000. Fragmentation of Landscape as a Cause for Genetic Subdivision in Bank Voles. Conservation Biology, 14(4):1066–1074. Accessed January 23, 2025. https://conbio.onlinelibrary.wiley.com/doi/abs/10.1046/j.1523-1739.2000.98519.x
- Goodwin, J. G. 1975. Big Game Movement Near a 500-kV Transmission Line in Northern Idaho. Prepared for the Bonneville Power Administration, Engineering and Construction Division, Portland, Oregon. Boulder, Colorado: Intern with the Western Interstate Commission for Higher Education (WICHE), Resources Development Internship Program (RDIP).
- Gravel M., M. J. Mazerolle, and M. Villard. 2012. Interactive Effects of Roads and Weather on Juvenile Amphibian Movements. Amphibia-Reptilia, 33(1):113–127. Accessed January 23, 2025. <a href="https://brill.com/view/journals/amre/33/1/article-p113\_11.xml">https://brill.com/view/journals/amre/33/1/article-p113\_11.xml</a>
- Grid North Partners. 2021. Underground Transmission Lines. Accessed September 27, 2024. https://gridnorthpartners.com/wp-content/uploads/2021/02/Underground-Transmission-Lines.pdf
- Gunson, K. E., B. Chruszcz, and A. P. Clevenger. 2003. Large Animal-Vehicle Collisions in the Central Canadian Rocky Mountains: Patterns and Characteristics. In Irwin, C. L., P. Garett, and K. P. McDermott (Editors), pp. 355–366, Proceedings of the 2003 International Conference on Ecology and Transportation. Raleigh, North Carolina: Center for Transportation and the Environment, North Carolina State University. Accessed January 23, 2025. https://escholarship.org/uc/item/3qm680qb
- Gutiérrez, R. J., A. B. Franklin, and W. S. Lahaye. 2020. Spotted Owl (*Strix occidentalis*), version 1.0. In Birds of the World (A. F. Poole and F. B. Gill, Editors). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 23, 2025. <a href="https://doi.org/10.2173/bow.spoowl.01">https://doi.org/10.2173/bow.spoowl.01</a>
- Gyug, L. W., R. C. Dobbs, T. E. Martin, and C. J. Conway. 2023. Williamson's Sapsucker (*Sphyrapicus thyroideus*), version 2.0. In Birds of the World (S. M. Billerman and B. K. Keeney, Editors). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 23, 2025. https://doi.org/10.2173/bow.wilsap.02

Habib, L., E. M. Bayne, and S. Boutin. 2007. Chronic Industrial Noise Affects Pairing Success and Age Structure of Ovenbirds. Journal of Applied Ecology, 44(1):176–184. Accessed January 23, 2025. https://besjournals.onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2664.2006.01234.x

- Haddad, N. M, L. A. Brudvig, J. Clobert, K. F. Davies, A. Gonzalez, R. D. Holt., T. E Lovejoy, J. O. Sexton, M. P. Austin, J. R. Townsend, et al. 2015. Habitat Fragmentation and Its Lasting Impact on Earth's Ecosystems. ScienceAdvances, 1(2). Accessed January 23, 2025. https://doi.org/10.1126/sciadv.1500052
- Hallock, L. A., A. McMillan, and G. J. Wiles. 2017. Periodic status review for the Western Pond Turtle in Washington. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2025. https://wdfw.wa.gov/publications/01853
- Hanski, I. 2015. Habitat Fragmentation and Species Richness. Journal of Biogeography, 42:989–994. Accessed January 23, 2025. https://onlinelibrary.wiley.com/doi/pdf/10.1111/jbi.12478
- Harris, R. J. and J. M. Reed. 2002. Behavioral Barriers to Non-Migratory Movements of Birds. Annales Zoologici Fennici, 39(4):275–290. Accessed January 23, 2025. <a href="https://www.jstor.org/stable/23735827">https://www.jstor.org/stable/23735827</a>
- Harvey, J. A., M. Abarca, P. K. Abram, J. G. Kingsolver, P. J. Ode, N. Stork, et al. 2023. Scientists' Warning on Climate Change and Insects. Ecological Monographs, 93(1), e1553. Accessed January 23, 2025. https://doi.org/10.1002/ecm.1553
- Hayes, G. E. and J. A. Gallie. 2024. Draft periodic status review for the Pygmy Rabbit. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2925. https://wdfw.wa.gov/sites/default/files/publications/02507/wdfw02507.pdf
- Hayes, G. E. and J. W. Watson. 2021. Periodic Status Review for the Ferruginous Hawk. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2025. https://wdfw.wa.gov/publications/02210
- Hayes, G. E. and G. J. Wiles. 2013. Washington State Bat Conservation Plan. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2025. <a href="https://wdfw.wa.gov/publications/01504">https://wdfw.wa.gov/publications/01504</a>
- Hays, D. W. and D. W. Stinson. 2019. Draft Periodic Status Review for the Oregon Silverspot in Washington. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 23, 2025. <a href="https://wdfw.wa.gov/publications/02052">https://wdfw.wa.gov/publications/02052</a>
- Hill, L. 2003. Assessing the Relative Contributions Transmission Line Rights-Of-Way Have on Habitat Utilization by Moose Case Study: Riding Mountain National Park [Thesis]. Winnipeg, Manitoba: University of Manitoba. Accessed January 23, 2025. <a href="https://mspace.lib.umanitoba.ca/items/94247b8e-292e-45f7-9f90-153ccfda0d69">https://mspace.lib.umanitoba.ca/items/94247b8e-292e-45f7-9f90-153ccfda0d69</a>
- Hunt, P. D. and D. J. Flaspohler. 2020. Yellow-rumped Warbler (Setophaga coronata), version 1.0. In Birds of the World (P. G. Rodewald, Editor). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 23, 2025. <a href="https://doi.org/10.2173/bow.yerwar.01">https://doi.org/10.2173/bow.yerwar.01</a>
- Husby, M. 2016. Factors Affecting Road Mortality in Birds. Norway: Nord University. Accessed January 23, 2025. https://www.researchgate.net/publication/313574432\_Factors\_affecting\_road\_mortality\_in\_birds

iNaturalist Community. 2024a. Observations of Arthropods from Washington, United States, observed up to September 13, 2024. Accessed September 13, 2024. <a href="https://www.inaturalist.org">https://www.inaturalist.org</a>

- iNaturalist Community. 2024b. Observations of Molluscs from Washington, United States, observed up to September 13, 2024. Accessed September 13, 2024. <a href="https://www.inaturalist.org">https://www.inaturalist.org</a>
- iNaturalist Community. 2024c. Observations of Annelids from Washington, United States, observed up to September 13, 2024. Accessed September 13, 2024. <a href="https://www.inaturalist.org">https://www.inaturalist.org</a>
- IUCN (International Union for Conservation of Nature). 2024. The IUCN Red List of Threatened Species. Version 2024-2. Cambridge, United Kingdom: IUCN Biodiversity Assessment & Knowledge Team: Red List Unit. Accessed December 2024. https://www.iucnredlist.org
- Jalkotzy, M. G., P. I. Ross, and M. D. Nasserden. 1997. The Effects of Linear Developments on Wildlife: A Review of Selected Scientific Literature. Calgary, Alberta: Prepared for Canadian Association of Petroleum Producers by Arc Wildlife Services Ltd. Accessed January 23, 2025. <a href="https://www.arlis.org/docs/vol1/A/65937142.pdf">https://www.arlis.org/docs/vol1/A/65937142.pdf</a>
- James, R. D. 1984. Habitat Management Guidelines for Cavity-Nesting Birds in Ontario. Peterborough, Ontario: Ontario Ministry of Natural Resources. Accessed September 20, 2024. <a href="https://www.birdscanada.org/wp-content/uploads/2021/03/Habitat-Management-Guidelines-for-Cavity-nesting-birds-in-Ontario-1.pdf">https://www.birdscanada.org/wp-content/uploads/2021/03/Habitat-Management-Guidelines-for-Cavity-nesting-birds-in-Ontario-1.pdf</a>
- Janža, R., N. Stritih-Peljhan, A. Škorjanc, J. Polajnar, and M. Virant-Doberlet. 2024. Vibrational Noise Disrupts Nezara viridula Communication, Irrespective of Spectral Overlap. Communications Biology, 7:1533. Accessed January 23, 2025. <a href="https://doi.org/10.1038/s42003-024-07185-3">https://doi.org/10.1038/s42003-024-07185-3</a>
- Jochimsen, D. M., C. R. Peterson, K. M. Andrews, and J. W. Gibbons. 2004. A Literature Review of the Effects of Roads on Amphibians and Reptiles and the Measures Used to Minimize Those Effects. Idaho Fish and Game Department and USDA Forest Service. Accessed January 23, 2025. https://idfg.idaho.gov/sites/default/files/old-web/docs/wildlife/collisionAmphibRep.pdf
- Johnson-Bice, S. M., T. D. Gable, A. T. Homkes, S. K. Windels, J. K. Bump, and J. G. Bruggink. 2023. Logging, Linear Features, and Human Infrastructure Shape the Spatial Dynamics of Wolf Predation on an Ungulate Neonate. Ecological Applications, 33(7). Accessed January 23, 2025. https://esajournals.onlinelibrary.wiley.com/doi/full/10.1002/eap.2911
- Jones. P. F., A. F. Jakes, A. C. Telander, H. Sawyer, B. H. Martin, and M. Hebblewhite. 2019. Fences Reduce Habitat for a Partially Migratory Ungulate in the Northern Sagebrush Steppe. Ecosphere, 10(7). Accessed September 5, 2024. <a href="https://esajournals.onlinelibrary.wiley.com/doi/epdf/10.1002/ecs2.2782">https://esajournals.onlinelibrary.wiley.com/doi/epdf/10.1002/ecs2.2782</a>
- Kahnonitch I., Y. Lubin, and C. Korine. 2018. Insectivorous Bats in Semi-Arid Agroecosystems Effects on Foraging Activity and Implications for Insect Pest Control. Agriculture, Ecosystems & Environment, 261:80-92. Accessed January 24, 2025. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0167880917304851">https://www.sciencedirect.com/science/article/abs/pii/S0167880917304851</a>
- Kaiser K., D. G. Scofield, M. Alloush, R. M. Jones, S. Marczak, K. Martineau, M. A. Oliva, and P. M. Narins. 2011. When Sounds Collide: The Effect of Anthropogenic Noise on a Breeding Assemblage of Frogs in Belize, Central America. Behaviour, 148(2):215–232. Accessed January 24, 2025. https://www.jstor.org/stable/25799807

Kauffman, M., B. Lowrey, C. Beaupre, S. Bergen, S. Bergh, K. Blecha, S. Bundick, H. Burkett, et al. 2024. Ungulate migrations of the Western United States, volume 4: U.S. Geological Survey Scientific Investigations Report 2024–5006. Accessed January 24, 2025. <a href="https://doi.org/10.3133/sir20245006">https://doi.org/10.3133/sir20245006</a>

- Kauffman, M., B. Lowrey, J. Berg, S. Bergen, D. Brimeyer, P. Burke, T. Cufaude, et al. 2022. Ungulate Migrations of the Western United States, Volume 3: U.S. Geological Survey Scientific Investigations Report 2022– 5088. Accessed January 24, 2025. <a href="https://doi.org/10.3133/sir20225088">https://doi.org/10.3133/sir20225088</a>
- Kays, R., A. W. Parsons, M. C. Baker, E. L. Kalies, T. Forrester, R. Costello, C. T. Rota, et al. 2017. Does Hunting or Hiking Affect Wildlife Communities in Protected Areas? Journal of Applied Ecology, 54(1):242–252. Accessed January 24, 2025. https://besjournals.onlinelibrary.wiley.com/doi/full/10.1111/1365-2664.12700
- Keehn, J., K. Shoemaker, and C. Feldman. 2019. Population-Level Effects of Wind Farms on a Desert Lizard. Journal of Wildlife Management, 83(1):145–157. DOI: 10.1002/jwmg.21565.
- Kempenaers, B., P. Borgström, P. Loës, E. Schlicht, and M. Valcu. 2010. Artificial Night Lighting Affects Dawn Song, Extra-pair Siring Success, and Lay Date in Songbirds. Current Biology, 20(19):1735–1739. Accessed January 24, 2025. https://www.sciencedirect.com/science/article/pii/S0960982210010183
- King, J. J. and R. S. Wagner. 2010. Toxic Effects of the Herbicide Roundup® Regular on Pacific Northwestern Amphibians. Northwestern Naturalist, 91(3):318-324. Accessed January 24, 2025.

  <a href="https://www.researchgate.net/publication/232693449">https://www.researchgate.net/publication/232693449</a> Toxic Effects of the Herbicide RoundupR Regular \_on\_Pacific\_Northwestern\_Amphibians/citations
- Knight, K. 2009. Land Use Planning for Salmon, Steelhead and Trout. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/publications/00033">https://wdfw.wa.gov/publications/00033</a>
- Lambert, T. D., K. L. Sumpter, J. W. Dittel, S. Dupre, K. Casanova, A. Winker, and G. H. Adler. 2014. Roads as Barriers to Seed Dispersal by Small Mammals in a Neotropical Forest. Tropical Ecology, 55(2):263-269. Accessed January 3, 2025. <a href="https://www.researchgate.net/profile/Jacob-Dittel/publication/286348484\_Roads\_as\_barriers\_to\_seed\_dispersal\_by\_small\_mammals\_in\_a\_neotropical\_forest/links/567\_304dc08ae04d9b099bb32/Roads-as-barriers-to-seed-dispersal-by-small-mammals-in-a-neotropical\_forest.pdf">https://www.researchgate.net/profile/Jacob-Dittel/publication/286348484\_Roads\_as\_barriers\_to\_seed\_dispersal\_by\_small\_mammals\_in\_a\_neotropical\_forest.pdf</a>
- Langlois L. A., S. J. Brenner, and M. C. Brittingham. 2023. Collocating Pipelines to Minimize Fragmentation: Evaluating Ecological Costs of a Shale Gas Mitigation Practice. Journal of Wildlife Management, 87(7):e22468. Accessed January 24, 2025. <a href="https://wildlife.onlinelibrary.wiley.com/doi/full/10.1002/jwmg.22468">https://wildlife.onlinelibrary.wiley.com/doi/full/10.1002/jwmg.22468</a>
- Larsen, E. M. (Editor). 1997. Management Recommendations for Washington's Priority Species, Volume III:
  Amphibians and Reptiles. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed
  January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/00025/wdfw00025.pdf">https://wdfw.wa.gov/sites/default/files/publications/00025/wdfw00025.pdf</a>
- Larsen, E. M., J. M. Azerrad, N. Nordstrom (Editors). 2004. Management Recommendations for Washington's Priority Species, Volume IV: Birds. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/00026/">https://wdfw.wa.gov/sites/default/files/publications/00026/</a> wdfw00026.pdf#:~:text=Management%20Recommendations%20for

Larsen, E. M., E. Rodrick, and R. Milner (Editors). 1995. Management Recommendations for Washington's Priority Species, Volume I: Invertebrates. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/00024/">https://wdfw.wa.gov/sites/default/files/publications/00024/</a> <a href="https://wdfw.wa.gov/sites/default/files/publications/00024/">https://wdfw.wa.gov/sites/default/files/publications/00024/</a> <a href="https://wdfw.wa.gov/sites/default/files/publications/00024/">https://wdfw.wa.gov/sites/default/files/publications/00024/</a> <a href="https://wdfw.wa.gov/sites/default/files/publications/00024/">https://wdfw.wa.gov/sites/default/files/publications/00024/</a> <a href="https://wdfw.wa.gov/sites/default/files/publications/00024/">https://wdfw.wa.gov/sites/default/files/publications/00024/</a> <a href="https://wdfw.wa.gov/sites/default/files/publications/00024/">https://wdfw.wa.gov/sites/default/files/publications/00024/</a> <a href="https://wdfw.wa.gov/sites/default/files/">https://wdfw.wa.gov/sites/default/files/publications/00024/</a> <a href="https://wdfw.wa.gov/sites/default/files/">https://wdfw.wa.gov/sites/default/files/</a> <a href="https://wdfw.wa.gov/sites/default/files/">https://wdfw.wa.gov/sites/default/files/</a> <a href="https://wdfw.wa.gov/sites/">https://wdfw.wa.gov/sites/</a> <a href="https://w

- Larson, C. L., S. E. Reed, A. M. Merenlender, and K. R. Crooks. 2016. Effects of Recreation on Animals Revealed as Widespread through a Global Systematic Review. PLOS ONE, 11(12). Accessed January 24, 2025. https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0167259
- LeBeau, C. W., K. T. Smith, M. J. Holloran, J. L. Beck, M. E. Kauffman, and G. D. Johnson. 2019. Greater Sage-Grouse Habitat Function Relative to 230-kV Transmission Lines. The Journal of Wildlife Management, 83(3):1773–1786. Accessed August 28, 2024. <a href="https://www.uwyo.edu/esm/faculty-and-staff/faculty/beck/\_files/docs/publications/lebeau-et-al-2019-jwm.pdf">https://www.uwyo.edu/esm/faculty-and-staff/faculty/beck/\_files/docs/publications/lebeau-et-al-2019-jwm.pdf</a>
- Lehman, R. N., J. A. Savidge, P. L. Kennedy, and R. E. Harness. 2010. Raptor Electrocution Rates for a Utility in the Intermountain Western United States. Journal of Wildlife Management, 74(3):459–470. Accessed January 24, 2025. <a href="https://www.researchgate.net/publication/">https://www.researchgate.net/publication/</a>
  229514812 Raptor Electrocution Rates for a Utility in the Intermountain Western United States
- Lehmkuhl, J. F. and L. F. Ruggiero. 1991. Forest Fragmentation in the Pacific Northwest USA and its Potential Effects on Wildlife. U.S. Forest Service General Technical Report PNW, 285:35–46. Accessed January 24, 2025. <a href="https://www.researchgate.net/publication/265280291\_Forest\_Fragmentation\_in\_the\_Pacific\_Northwest\_and\_its\_Potential\_Effects\_on\_Wildlife">https://www.researchgate.net/publication/265280291\_Forest\_Fragmentation\_in\_the\_Pacific\_Northwest\_and\_its\_Potential\_Effects\_on\_Wildlife</a>
- Lengagne, T. 2008. Traffic Noise Affects Communication Behavior in a Breeding Anuran, *Hyla arborea*. Biological Conservation, 141(8):2023–2031. Accessed January 24, 2025. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0006320708002024">https://www.sciencedirect.com/science/article/abs/pii/S0006320708002024</a>
- Lesbarrères, D., S. L. Ashpole, C. A. Bishop, G. Blouin-Demers, R. J. Brooks, P. Echaubard, P. Govindarajulu, et al. 2014. Conservation of Herpetofauna in Northern Landscapes: Threats and Challenges from a Canadian Perspective. Biological Conservation, 170:48-55. Accessed January 24, 2025. https://www.sciencedirect.com/science/article/abs/pii/S0006320713004515
- Lewis, J. C. 2019. Periodic Status Review for the Grizzly Bear in Washington. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/publications/01963">https://wdfw.wa.gov/publications/01963</a>
- Lewis, J. S., S. Spaulding, H. Swanson, W. Keeley, A. R. Gramza, S. VandeWoude, and K. R. Crooks. 2021. Human Activity Influences Wildlife Populations and Activity Patterns: Implications for Spatial and Temporal Refuges. Ecosphere, 12(5). Accessed January 24, 2025. <a href="https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecs2.3487">https://esajournals.onlinelibrary.wiley.com/doi/10.1002/ecs2.3487</a>
- Linders, M. J., K. Lewis, and K. Curry. 2020. 2019 Review Draft of the Final Annual Report related to: US Fish and Wildlife Service (Cooperative Agreement #F16AC00588, F19AC00408) and Joint Base Lewis-McChord (Contract #W911S8-12-H-0001, W911S8-18-2-0008, W911S81820017, W911S81920011). Accessed January 24, 2025. <a href="https://cascadiaprairieoak.org/wp-content/uploads/2021/04/2019\_EetTrans\_Lindersetal2019\_FinalAnnualReport\_16Jun2020.pdf">https://cascadiaprairieoak.org/wp-content/uploads/2021/04/2019\_EetTrans\_Lindersetal2019\_FinalAnnualReport\_16Jun2020.pdf</a>

Linders, M. J., W. M. Vander Haegen, J. M. Azerrad, R. Dobson, and T. Labbe. 2010. Management Recommendations for Washington's Priority Species: Western Gray Squirrel. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/2019-10/">https://wdfw.wa.gov/sites/default/files/2019-10/</a> <a href="western-gray-squirrel-final.pdf#:~:text=Western%20Gray%20Squirrel%20habitat%20is">https://wdfw.wa.gov/sites/default/files/2019-10/</a> <a href="western-gray-squirrel-final.pdf#:~:text=Western%20Gray%20Squirrel%20habitat%20is">western-gray-squirrel-final.pdf#:~:text=Western%20Gray%20Squirrel%20habitat%20is</a>

- Loss, S. R., T. Will, and P. P. Marra. 2014. Refining Estimates of Bird Collision and Electrocution Mortality at Power Lines in the United States. PLOS ONE, 9(7). Accessed January 24, 2025. https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0101565&type=printable
- Lutz, D. W., J. R. Heffelfinger, S. A. Tessmann, R. S. Gamo, and S. Siegel. 2011. Energy Development Guidelines for Mule Deer. Boise, Idaho: Mule Deer Working Group, Western Association of Fish & Wildlife Agencies. Accessed January 24, 2025. <a href="https://wafwa.org/wpdm-package/energy-development-guidelines-for-mule-deer/">https://wafwa.org/wpdm-package/energy-development-guidelines-for-mule-deer/</a>
- Lyons, A. L., W. L. Gaines, C. Servheen. 2003. Black Bear Resource Selection in the Northeast Cascades, Washington. Biological Conservation, 113(1):55-62. Accessed January 24, 2025. https://www.sciencedirect.com/science/article/abs/pii/S000632070200349X
- Mainstream Restoration Inc. 2007. Pend Oreille River in the Box Canyon Reservoir, Riverbank Stabilization Guidelines. Bozeman, Montana: Prepared for Washington Department of Fish and Wildlife, Olympia, Washington, by Mainstream Restoration Inc. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/00651/wdfw00651.pdf">https://wdfw.wa.gov/sites/default/files/publications/00651/wdfw00651.pdf</a>
- Manci, K. M., D. N. Gladwin, R. Villella, and M. G. Cavendish. 1988. Effects of Aircraft Noise and Sonic Booms on Domestic Animals and Wildlife: A Literature Synthesis. Fort Collins, Colorado: U.S. Department of the Interior, Fish and Wildlife Service, National Ecology Research Center. Accessed January 24, 2025. <a href="https://www.semanticscholar.org/paper/Effects-of-Aircraft-Noise-and-Sonic-Booms-on-and-A-Manci-Gladwin/7eba60ce0860e7fc747ad3995111cc628ff20e39">https://www.semanticscholar.org/paper/Effects-of-Aircraft-Noise-and-Sonic-Booms-on-and-A-Manci-Gladwin/7eba60ce0860e7fc747ad3995111cc628ff20e39</a>
- Manitoba Hydro. 2010. Fur, Feathers, Fins & Transmission Lines How Transmission Lines and Rights-of-Way Affect Wildlife. Winnipeg, Manitoba: Manitoba Hydro. Accessed January 24, 2025. https://www.hydro.mb.ca/docs/corporate/fur\_feathers\_fins\_and\_transmission\_lines.pdf
- Manville II, A. M. 2016. Impacts to Birds and Bats Due to Collisions and Electrocutions from Some Tall Structures in the United States: Wires, Towers, Turbines, and Solar Arrays—State of The Art in Addressing the Problems (Angelici, F. M., Editor), pp. 415–442. Problematic wildlife a cross-disciplinary approach. New York, New York: Springer International Publishing. Accessed January 24, 2025. <a href="https://link.springer.com/chapter/10.1007/978-3-319-22246-2\_20">https://link.springer.com/chapter/10.1007/978-3-319-22246-2\_20</a>
- Martin, C. J., E. W. Bork, and S. E. Nielsen. 2022. Mortality of Grassland Birds Increases with Transmission Lines. Avian Conservation and Ecology, 17(1):17. Accessed January 24, 2025. <a href="https://acelab.ca/assets\_b/Martin%20et%20al.%20(2022)%20ACE-ECO.pdf">https://acelab.ca/assets\_b/Martin%20et%20al.%20(2022)%20ACE-ECO.pdf</a>
- Martin, M. F. and J. M. Azerrad. 2023a. Management Recommendations for Washington's Priority Habitats and Species: Riparian Pollinators. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/02451/wdfw02451.pdf">https://wdfw.wa.gov/sites/default/files/publications/02451/wdfw02451.pdf</a>

Martin, M. F. and J. M. Azerrad. 2023b. Management Recommendations for Washington's Priority Species: Western Bumble Bee. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/publications/02441

- Martín, J., J. R. Garrido López, H. Clavero Sousa, and V. Barrios (Editors). 2022. Wildlife and Power Lines. Guidelines for Preventing and Mitigating Wildlife Mortality Associated with Electricity Distribution Networks. Gland, Switzerland: IUCN. Accessed January 24, 2025. https://portals.iucn.org/library/node/50657
- Matsuda, B. M., D. M. Green, and P. T. Gregory. 2006. Amphibians and Reptiles of British Columbia Handbook. Victoria, British Columbia: Royal BC Museum.
- Maxcy, K. A. and J. Richardson. 2000. Abundance and Movements of Terrestrial Salamanders in Second-Growth Forests of Southwestern British Columbia. Vol. 1. In Darling, L. M. (Editor), p. 490. Proceedings of a Conference on the Biology and Management of Species and Habitats at Risk, B.C. Kamloops, British Columbia: B.C. Ministry of Environment, Lands and Parks, Victoria, B.C., and University College of the Cariboo. Accessed January 24, 2025. https://www.env.gov.bc.ca/wld/documents/ce12maxcy.pdf
- Mazerolle, M. J. and A. Desrochers. 2005. Landscape Resistance to Frog Movements. Canadian Journal of Zoology, 83(3):455–464. Accessed January 24, 2025. <a href="https://www.researchgate.net/publication/236874792\_Landscape\_resistance\_to\_frog\_movements">https://www.researchgate.net/publication/236874792\_Landscape\_resistance\_to\_frog\_movements</a>
- McIntyre, A., T. Janeski, G. Garman, C. Deloglos, and A. Filippas. 2016. Behavioral Responses of Sub-Adult Atlantic Sturgeon (*Acipenser oxyrinchus*) to Electromagnetic and Magnetic Fields Under Laboratory Conditions. Richmond, Virginia: Virginia Commonwealth University. Accessed January 24, 2025. <a href="https://tethys.pnnl.gov/publications/behavioral-responses-sub-adult-atlantic-sturgeon-acipenser-oxyrinchus">https://tethys.pnnl.gov/publications/behavioral-responses-sub-adult-atlantic-sturgeon-acipenser-oxyrinchus</a>
- Meffe, G. K. and C. R. Carroll. 1994. Principles of Conservation Biology. Sunderland, Massachusetts: Sinauer Associates, Inc.
- Merems, J. L., A. L. Brose, H. E. Frater, B. Khadka, J. L. Goethlich, and T. R. Van Deelen. 2022. Measuring Ungulate–Forest Interactions: A Methods Primer. Journal of Fish and Wildlife Management, 13(2):576-590. Accessed January 24, 2025. <a href="https://meridian.allenpress.com/jfwm/article/13/2/576/482782/Measuring-Ungulate-Forest-Interactions-A-Methods">https://meridian.allenpress.com/jfwm/article/13/2/576/482782/Measuring-Ungulate-Forest-Interactions-A-Methods</a>
- Merrell, D. J. 1977. Life History of the Leopard Frog, *Rana pipiens*, in Minnesota. St. Paul, Minnesota: Occas. Pap. No. 15, Bell Museum, University of Minnesota.
- Mitchell J. C., R. E. Jung Brown, and B. Bartholomew. 2008. Urban Herpetology. Society for the Study of Amphibians and Reptiles (Herpetological Conservation Series). Accessed April 11, 2024. https://www.nhbs.com/urban-herpetology-book
- Narango, D. L., D. W. Tallamy, and P. P Marra. 2017. Native Plants Improve Breeding and Foraging Habitat for an Insectivorous Bird. Biological Conservation, 213:42-50. Accessed January 24, 2025. https://www.sciencedirect.com/science/article/abs/pii/S0006320717305153
- Nash R. F., G. G. Gallup, Jr., and M. K. McClure. 1970. The Immobility Reaction in Leopard Frogs (*Rana pipiens*) as a Function of Noise-Induced Fear. Psychonomic Science. 21(3):155–156. Accessed January 24, 2025. https://link.springer.com/article/10.3758/BF03331860

- NatureServe. 2024. Arlington, Virginia: NatureServe Explorer. Accessed August 19, 2024. https://explorer.natureserve.org/
- NCC (Nature Conservancy Canada). 2024. Cougar. Accessed September 03, 2024. https://www.natureconservancy.ca/en/what-we-do/resource-centre/featured-species/mammals/cougar.html
- Nelson, S. B. M., J. J. Coon, C. J. Duchardt, J. D. Fischer, S. J. Halsey, A. J. Kranz, C. M. Parker, S. C. Schneider, T. M. Swartz, and J. R. Miller. 2017. Patterns and Mechanisms of Invasive Plant Impacts on North American Birds: A Systematic Review. Biological Invasions, 19(5):1547–1563. Accessed January 24, 2025. Accessed January 24, 2025. https://doi.org/10.1007/s10530-017-1377-5
- Nelson, S. K. 2020. Marbled Murrelet (Brachyramphus marmoratus), version 1.0. In Birds of the World (A. F. Poole and F. B. Gill, Editors). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 24, 2025. https://doi.org/10.2173/bow.marmur.01
- Newcombe, C. P. and J. O. T. Jensen. 1996. Channel Suspended Sediment and Fisheries: A Synthesis for Quantitative Assessment of Rish and Impact. North American Journal of Fisheries Management, 16(4):693–727. Accessed January 24, 2025. <a href="https://doi.org/10.1577/1548-8675(1996)016<0693:CSSAFA>2.3.CO;2">https://doi.org/10.1577/1548-8675(1996)016<0693:CSSAFA>2.3.CO;2</a>
- Newcombe, P. B., C. Nilsson, T.-Y. Lin, K. Winner, G. Bernstein, S. Maji, D. Sheldon, A. Farnsworth, and K. G. Horton. 2019. Migratory Flight on the Pacific Flyway: Strategies and Tendencies of Wind Drift Compensation. Biology Letters, 15(9). Accessed January 24, 2025. https://doi.org/10.1098/rsbl.2019.0383
- Nextgen Highways. 2023. Transmission Line and Highway Rights-of-Way (ROW) Requirements, Fact Sheet.

  Accessed January 24, 2025. <a href="https://nextgenhighways.org/wp-content/uploads/2023/04/Transmission-Line-and-Highway-ROW-Requirements-V2.pdf">https://nextgenhighways.org/wp-content/uploads/2023/04/Transmission-Line-and-Highway-ROW-Requirements-V2.pdf</a>
- NOAA (National Oceanic and Atmospheric Administration) Fisheries. 2015. ESA Recovery Plan for Snake River Sockeye Salmon (*Oncorhynchus nerka*). June 8. Accessed October 8, 2024. <a href="https://www.fisheries.noaa.gov/resource/document/recovery-plan-snake-river-sockeye-salmon-oncorhynchus-nerka">https://www.fisheries.noaa.gov/resource/document/recovery-plan-snake-river-sockeye-salmon-oncorhynchus-nerka</a>
- NRC (National Research Council). 2011. Guide for the Care and Use of Laboratory Animals. 8th ed. Washington, D.C.: National Academies Press (US) (The National Academies Collection: Reports funded by National Institutes of Health). Accessed January 24, 2025. <a href="http://www.ncbi.nlm.nih.gov/books/NBK54050/">http://www.ncbi.nlm.nih.gov/books/NBK54050/</a>
- NWSRS (Natural Wild and Scenic Rivers System). Not dated. River Mileages & Classifications. Accessed August 19, 2024. <a href="https://www.rivers.gov/river-miles">https://www.rivers.gov/river-miles</a>
- Oddone Aquino, A. G. H. E. and S. L. Nkomo. 2021. Spatio-Temporal Patterns and Consequences of Road Kills: A Review. Animals, 11(3):799. Accessed January 24, 2025. <a href="https://doi.org/10.3390/ani11030799">https://doi.org/10.3390/ani11030799</a>
- Oliveira, F. G., J. T. Tapisso, S. von Merten, L. Rychlik, P. J. Fonseca, and M. Mathias. 2021. Behavioral Responses of Rural and Urban Greater White-Toothed Shrews (*Crocidura russula*) to Sound Disturbance. Urban Ecosystems, 24:851–862. Accessed January 24, 2025. https://doi.org/10.1007/s11252-020-01079-y
- O'Neill, C. and H. Yurk. 2017. In-air Noise Impact Assessment for Birds and Reptiles: Based on a Preliminary Design of the Third Crossing of the Cataraqui River, Kingston, ON. Victoria, British Columbia: Technical Report prepared for Golder Associates Ltd. by Jasco Applied Sciences. Accessed September 2, 2024.

OWI (Oregon Wildlife Institute). Not dated. Slender-Billed Nuthatch (*Sitta carolinenses aculeata*). Wildlife Conservation in Willamette Valley Grassland & Oak Habitats, Species Account. Corvallis, Oregon. Accessed January 24, 2025. https://www.oregonwildlife.org/documents/nuthatch\_web2.pdf

- Oxley, D. J., M. B. Fenton, and G. R. Carmody. 1974. The Effects of Roads on Populations of Small Mammals. Journal of Applied Ecology, 11(1):51–59. Accessed January 24, 2025. https://www.jstor.org/stable/2402004
- Pálsdóttir, A. E., J. A. Gill, S. Pálsson, J. A. Alves, V. Méndez, B. Þórisson, and T. G. Gunnarsson. 2022. Effects of Overhead Power-Lines on the Density of Ground-Nesting Birds in Open Sub-Arctic Habitats. IBIS, 164(4):1257–1264. Accessed January 24, 2025. https://onlinelibrary.wiley.com/doi/10.1111/jbi.13089
- Parayko, N. W., J. W. Ng, J. Marley, R. S. Wolach, T. I. Wellicome, and E. M. Bayne. 2021. Response of Ferruginous Hawks to Temporary Habitat Alterations for Energy Development in Southwestern Alberta. Avian Conservation and Ecology, 16(2):17. Accessed January 24, 2025. <a href="https://tethys.pnnl.gov/sites/default/files/publications/Parayko\_et\_al\_2021.pdf">https://tethys.pnnl.gov/sites/default/files/publications/Parayko\_et\_al\_2021.pdf</a>
- Parks Canada Agency. 2005. Recovery Strategy for Multi-species at Risk in Vernal Pools and Other Ephemeral Wet Areas in Garry Oak and Associated Ecosystems in Canada (proposed). In Species at Risk Act Recovery Strategy Series. Ottawa, Ontario: Parks Canada Agency. Accessed January 24, 2025. <a href="https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/recovery-strategies/vernal-pools-ephemeral-wet-areas-garry-oak-proposed-2005.html">https://www.canada.ca/en/environment-climate-change/services/species-risk-public-registry/recovery-strategies/vernal-pools-ephemeral-wet-areas-garry-oak-proposed-2005.html</a>
- Parris, K. M, M. Velik-Lord, and J. M. A. North. 2009. Frogs Call at a Higher Pitch in Traffic Noise. Ecology and Society, 14(1). Accessed January 24, 2025. <a href="https://www.jstor.org/stable/26268025">https://www.jstor.org/stable/26268025</a>
- Perry, G., B. W. Buchanan, R. Fisher, M. Salmon, and S. E. Wise. 2008. Effects of Artificial Night Lighting on Amphibians and Reptiles in Urban Environments. Urban Herpetology, 3:239–256. Accessed January 24, 2025. Accessed January 24, 2025. <a href="https://www.researchgate.net/publication/239531413">https://www.researchgate.net/publication/239531413</a> Effects of artificial night lighting on amphibians a nd reptiles in urban environments
- Popper, A. N., T. J. Carlson, A. D. Hawkins, B. L. Southall, and R. L. Gentry. 2006. Interim Criteria for Injury of Fish Exposed to Pile Driving Operations: A White Paper. Washington, D.C.: United States Nuclear Regulatory Commission. Accessed January 24, 2025. <a href="https://www.nrc.gov/docs/ML0932/ML093210627.pdf">https://www.nrc.gov/docs/ML0932/ML093210627.pdf</a>
- Potter, A. E. 2016. Periodic status review for Taylor's Checkerspot in Washington. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/publications/01798">https://wdfw.wa.gov/publications/01798</a>
- Proppe, D. S., C. B. Sturdy, and C. C. St. Clair. 2013. Anthropogenic Noise Decreases Urban Songbird Diversity and May Contribute to Homogenization. Global Change Biology,19(4):1075–1084. Accessed January 24, 2025. <a href="https://www.researchgate.net/publication/236057381\_Anthropogenic\_noise\_decreases\_urban\_songbird\_diversity\_and\_may\_contribute\_to\_homoge\_nization">homoge\_nization</a>
- Quinn, T., G. F. Wilhere, and K. L. Krueger. 2020. Riparian Ecosystems, Volume 1: Science Synthesis and Management Implications. Olympia, Washington: Habitat Program, Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/01987/wdfw.01987.pdf">https://wdfw.wa.gov/sites/default/files/publications/01987/wdfw.01987.pdf</a>

Randall, L., N. Lloyd, and A. Moehrenschlager. 2018. Guidelines for Mitigation Translocations of Amphibians: Applications for Canada's Prairie Provinces. Version 1.0. Calgary, Alberta: Centre for Conservation Research, Calgary Zoological Society. Accessed January 24, 2025

<a href="https://sccp.ca/sites/default/files/species-habitat/documents/">https://sccp.ca/sites/default/files/species-habitat/documents/</a>
<a href="mailto:amphibian\_translocation\_guidelines%20Alberta%202018.pdf">https://sccp.ca/sites/default/files/species-habitat/documents/</a>
<a href="mailto:amphibian\_translocation\_guidelines%20Alberta%202018.pdf">amphibian\_translocation\_guidelines%20Alberta%202018.pdf</a>

- Rentz, T., A. Windrope, K. Folkerts, and J. Azerrad. 2020. Riparian Ecosystems, Volume 2: Management Recommendations. Olympia, Washington: Habitat Program, Washington Department of Fish and Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/sites/default/files/publications/01988/wdfw01988.pdf
- Rodrick, E. and R. Milner, eds. 1991. Management Recommendations for Washington's Priority Habitats and Species. Olympia, Washington: Washington Department of Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/publications/00032
- Rosenberg, K. V, A. M. Dokter, P. J. Blancher, J. R. Sauer, A. C. Smith, P. A. Smith, J. C. Stanton, A. Panjabi, L. Helft, M. Parr, and P. P. Marra. 2019. Decline of the North American Avifauna. Science, 366(6461):120–124. Accessed January 24, 2025. <a href="https://www.science.org/doi/10.1126/science.aaw1313">https://www.science.org/doi/10.1126/science.aaw1313</a>
- Rosenberg, K. V., J. A. Kennedy, R. Dettmers, R. P. Ford, D. Reynolds, J. D. Alexander, C. J. Beardmore, et al. 2016. Partners in Flight Landbird Conservation Plan: 2016. Revision for Canada and Continental United States. Partners in Flight Science Committee. Accessed January 24, 2025. <a href="https://partnersinflight.org/resources/the-plan/">https://partnersinflight.org/resources/the-plan/</a>
- Rothermel, B. B. 2004. Migratory Success of Juveniles: A Potential Constraint on Connectivity for Pond-Breeding Amphibians. Ecological Applications, 14(5):1535–1546. Accessed January 24, 2025. https://esajournals.onlinelibrary.wiley.com/doi/10.1890/03-5206
- Rutherford, T. K., L. M. Maxwell, N. J. Kleist, E. C. Teige, R. J. Lehrter, M. A. Gilbert, D. J. A. Wood, et al. 2023. Effects of Noise from Oil and Gas Development on Ungulates and Small Mammals—A science Synthesis to Inform National Environmental Policy Act Analyses (ver. 1.1, July 2024). Reston, Virginia: U.S. Geological Survey Scientific Investigations Report 2023–5114, United States Geological Survey. Accessed January 24, 2025. <a href="https://doi.org/10.3133/sir20235114">https://doi.org/10.3133/sir20235114</a>
- Ruuskanen, S., M. J. Rainio, M. Uusitalo, K. Saikkonen, and M. Helander. 2020. Effects of Parental Exposure to Glyphosate-Based Herbicides on Embryonic Development and Oxidative Status: A Long-Term Experiment in a Bird Model. Scientific Reports, 10(6349). Accessed August 28, 2024. <a href="https://www.nature.com/articles/s41598-020-63365-1">https://www.nature.com/articles/s41598-020-63365-1</a>
- Santos, S. M., A. Mira, P. A. Salgueiro, P. Costa, D. Medinas, and P. Beja. 2016. Avian Trait-Mediated Vulnerability to Road Traffic Collisions. Biological Conservation, 200:122–130. Accessed January 24, 2025. <a href="https://doi.org/10.1016/j.biocon.2016.06.004">https://doi.org/10.1016/j.biocon.2016.06.004</a>
- Sawyer, H., M. J. Kauffman, A. D. Middleton, T. A. Morrison, R. M. Nielson, and T. B. Wyckoff. 2013. A framework for Understanding Semi-Permeable Barrier Effects on Migratory Ungulates. Journal of Applied Ecology, 50(1):68–78. Accessed January 24, 2025. <a href="https://doi.org/10.1111/1365-2664.12013">https://doi.org/10.1111/1365-2664.12013</a>
- Schöll, E. M. and U. Nopp-Mayr. 2021. Impact of Wind Power Plants on Mammalian and Avian Wildlife Species in Shrub- and Woodlands. Biological Conservation, 256. Accessed January 24, 2025. https://www.sciencedirect.com/science/article/pii/S0006320721000896

Schowalter, T. D., J. A. Noriega, and T. Tscharntke. 2018. Insect Effects on Ecosystem Services — Introduction. Basic and Applied Ecology, 26:1–7. Accessed January 24, 2025. <a href="https://doi.org/10.1016/j.baae.2017.09.011">https://doi.org/10.1016/j.baae.2017.09.011</a>

- Schroeder, M. A., M. T. Atamian, C. L. Lowe, J. Lowe, K. M. Thorburn, M. C. Finch, D. J. Peterson, et al. 2023.

  Recovery of Greater Sage-Grouse in Washington: Progress Report. Olympia, Washington: Washington

  Department of Fish and Wildlife, with United States Department of Defense and United States Department of the Interior, Bureau of Land Management. Accessed January 24, 2025.

  https://wdfw.wa.gov/sites/default/files/2024-03/20231212-sag-annual-report-2023.pdf
- Scobie, C. A., E. M. Bayne, and T. I. Wellicome. 2016. Influence of Human Footprint and Sensory Disturbances on Night-Time Space Use of an Owl. Endangered Species Research, 31:75-87. Accessed January 24, 2025. https://doi.org/10.3354/esr00756
- Seip, D. and E. Jones. 2013. Core High-Elevation Winter Habitat for the southern Narraway Caribou Herd. Accessed September 25, 2024. <a href="https://www2.gov.bc.ca/assets/gov/environment/plants-animals-and-ecosystems/wildlife-wildlife-habitat/caribou/core\_high\_elevation\_habitat\_for\_the\_narraway\_herd.pdf">https://www2.gov.bc.ca/assets/gov/environment/plants-animals-and-ecosystems/wildlife-habitat/caribou/core\_high\_elevation\_habitat\_for\_the\_narraway\_herd.pdf</a>
- Semlitsch, R. D. 1998. Biological Delineation of Terrestrial Buffer Zones for Pond-Breeding Salamanders. Conservation Biology, 12(5):1113-1119. Accessed January 24, 2025. https://conbio.onlinelibrary.wiley.com/doi/abs/10.1046/j.1523-1739.1998.97274.x
- Shannon, G., M. F. McKenna, L. M. Angeloni, K. R. Crooks, K. M. Fristrup, E. Brown, K. A. Warner, M. D. Nelson, C. White, J. Briggs, S. McFarland, and G. Wittemyer. 2016. A Synthesis of Two Decades of Research Documenting the Effects of Noise on Wildlife. Biological Reviews, 91(4):982–1005. Accessed January 24, 2025. https://doi.org/10.1111/brv.12207
- Shepherd S., G. Hollands, V. C. Godley, S. M. Sharkh, C. W. Jackson, and P. L. Newland. 2019. Increased Aggression and Reduced Aversive Learning in Honey Bees Exposed to Extremely Low Frequency Electromagnetic Fields. PLOS ONE, 14(10): e0223614. Accessed January 24, 2025. <a href="https://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0223614">https://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0223614</a>
- Shurtliff, Q. R. and J. C. Whiting. 2021. Common Raven Nesting and Spatial Distancing on Power Lines in Southeast Idaho, USA. Human–Wildlife Interactions 15(3):289-303, Winter 2021. Accessed January 24, 2025. https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1772&context=hwi
- Smith, J. A. and J. F. Dwyer. 2016. Avian Interactions with Renewable Energy Infrastructure: An Update. Ornithological Applications, 118(2):411-423. Accessed January 24, 2025. https://academic.oup.com/condor/article/118/2/411/5153228
- Smith, J. B., B. T. Maletzke, T. Roussin, and G. R. Spence. 2024. Periodic Status Review for the Gray Wolf in Washington. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed October 29, 2024. <a href="https://wdfw.wa.gov/sites/default/files/publications/02427/wdfw02427.pdf">https://wdfw.wa.gov/sites/default/files/publications/02427/wdfw02427.pdf</a>
- Smith, K. T., K. L. Taylor, S. E. Albeke, and J. L. Beck. 2020. Pronghorn Winter Resource Selection before and after Wind Energy Development in South-central Wyoming. Rangeland Ecology and Management 73(2):227–233. Accessed January 24, 2025. <a href="https://doi.org/10.1016/j.rama.2019.12.004">https://doi.org/10.1016/j.rama.2019.12.004</a>

Staude, I. R., L. M. Navarro, and H. M. Pereira. 2019. Range Size Predicts the Risk of Local Extinction from Habitat Loss. Global Ecology and Biogeography, 29(1):16–25. Accessed January 24, 2025. https://onlinelibrary.wiley.com/doi/full/10.1111/geb.13003?msockid=3a569d6a25d661ce3bb28937246f601c

- St. Clair, C. C., M. Bélisle, A. Desrochers, and S. Hannon. 1998. Winter Responses of Forest Birds to Habitat Corridors and Gaps. Conservation Ecology, 2(2). Accessed January 24, 2025. https://www.jstor.org/stable/26271681
- Stewart, F. E. C., N. A. Heim, A. P. Clevenger, J. Paczkowski, J. P. Volpe, and J. T. Fisher. 2016. Wolverine Behavior Varies Spatially with Anthropogenic Footprint: Implications for Conservation and Inferences About Declines. Ecology and Evolution, 6:1493–1503. Accessed January 24, 2025. https://doi.org/10.1002/ece3.1921
- Stinson, D. W. 2017. Periodic Status Review for the Columbian Sharp-tailed Grouse in Washington. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/publications/01921">https://wdfw.wa.gov/publications/01921</a>
- Stinson, D. W. 2020. Mazama Pocket Gopher Recovery Plan and Periodic Status Review. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/sites/default/files/publications/01449/wdfw01449.pdf
- Stinson, D. W. and M. A. Schroeder. 2012. Washington State Recovery Plan for the Columbian Sharptailed Grouse. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/publications/00882">https://wdfw.wa.gov/publications/00882</a>
- St-Laurent, M. H., C. Dussault, J. Ferron, and R. Gagnon. 2009. Dissecting Habitat Loss and Fragmentation Effects Following Logging in Boreal Forest: Conservation Perspectives from Landscape Simulations. Biological Conservation, 142:2240–2249. Accessed January 24, 2025. <a href="https://doi.org/10.1016/j.biocon.2009.04.025">https://doi.org/10.1016/j.biocon.2009.04.025</a>
- Stone, E. L., G. Jones, and S. Harris. 2009. Street Lighting Disturbs Commuting Bats. Current Biology, 19(13):1123–1127. Accessed January 24, 2025. https://www.sciencedirect.com/science/article/pii/S0960982209011932
- Stone, K. 2010. *Martes americana, M. caurina*. In Fire Effects Information System. Missoula, Montana: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory. Accessed January 13, 2025. <a href="https://www.fs.usda.gov/database/feis/animals/mammal/mart/all.html">https://www.fs.usda.gov/database/feis/animals/mammal/mart/all.html</a>
- Sun, J. W. C. and P. M. Narins. 2005. Anthropogenic Sounds Differentially Affect Amphibian Call Rate. Biological Conservation, 121(3):419–427. Accessed January 24, 2025. https://doi.org/10.1016/j.biocon.2004.05.017
- Swihart, R. K., T. M. Gehring, M. B. Kolozsvary, T. E. Nupp. 2003. Responses of 'Resistant' Vertebrates to Habitat Loss and Fragmentation: The Importance of Niche Breadth and Range Boundaries. Diversity and Distributions, 9(1):1–18. Accessed January 24, 2025. <a href="https://onlinelibrary.wiley.com/doi/10.1046/j.1472-4642.2003.00158.x">https://onlinelibrary.wiley.com/doi/10.1046/j.1472-4642.2003.00158.x</a>
- Tella, J. L., D. Hernández-Brito, G. Blanco, and F. Hiraldo. 2020. Urban Sprawl, Food Subsidies and Power Lines: An Ecological Trap for Large Frugivorous Bats in Sri Lanka? Diversity, 12(3):94. Accessed January 24, 2025. https://doi.org/10.3390/d12030094

Theobald, D. M., K. R. Crooks, and J. B Norman. 2011. Assessing Effects of Land Use on Landscape Connectivity: Loss and Fragmentation of Western U.S. Forests. Ecological Applications, 21(7): 2445–2458. Accessed January 24, 2025. https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1890/10-1701.1

- Thompson, L. S. 1977. Overhead Transmission Lines: Impact on Wildlife. Helena, Montana: Montana Department of Natural Resources & Conservation.
- TOCS (The Oregon Conservation Strategy). 2024. Barriers to Animal Movement. Accessed September 5, 2024. https://www.oregonconservationstrategy.org/key-conservation-issue/barriers-to-animal-movement/
- Tremblay M. A. and C. St. Clair. 2011. Permeability of a Heterogeneous Urban Landscape to the Movements of Forest Songbirds. Journal of Applied Ecology, 48(3):679–688. Accessed January 24, 2025. https://doi.org/10.1111/j.1365-2664.2011.01978.x
- Tucker, M. A., K. Böhning-Gaese, W. F. Fagan, J. M. Fryxell, B. Van Moorter, S. C. Alberts, A. H. Ali, et al. 2018. Moving in the Anthropocene: Global Reductions in Terrestrial Mammalian Movements. Science, 359(6374):466–469. Accessed January 24, 2025. https://www.science.org/doi/full/10.1126/science.aam9712
- Turner, J. G., J. L. Parrish, L. F. Hughes, L. A. Toth, and D. M. Caspary. 2005. Hearing in Laboratory Animals: Strain Differences and Nonauditory Effects of Noise. Comparative Medicine, 55(1):12–23. Accessed January 24, 2025. https://pmc.ncbi.nlm.nih.gov/articles/PMC3725606/
- Twerd, L., A. Sobieraj-Betlińska, and P. Szefer. 2021. Roads, Railways, and Power Lines: Are They Crucial for Bees in Urban Woodlands? Urban Forestry & Urban Greening, 61(June 2021). Accessed January 24, 2025. https://doi.org/10.1016/j.ufug.2021.127120
- Tyler, N., K.-A. Stokkan, C. Hogg, C. Nellemann, A.-I. Vistnes, and G. Jeffery. 2014. Ultraviolet Vision and Avoidance of Power Lines in Birds and Mammals. Conservation Biology, 28(3):630–631. Accessed January 24 2025. <a href="https://doi.org/10.1111/cobi.12262">https://doi.org/10.1111/cobi.12262</a>
- USFWS (U.S. Fish & Wildlife Service). 2003. Endangered and Threatened Wildlife and Plants; Status Review and 12-Month Finding for a Petition to List the Washington Population of the Western Gray Squirrel. Accessed January 24, 2025. <a href="https://www.federalregister.gov/documents/2003/06/10/03-14354/endangered-and-threatened-wildlife-and-plants-status-review-and-12-month-finding-for-a-petition-to">https://www.federalregister.gov/documents/2003/06/10/03-14354/endangered-and-threatened-wildlife-and-plants-status-review-and-12-month-finding-for-a-petition-to</a>
- USFWS (U.S. Fish & Wildlife Service). 2010. Best Management Practices to Minimize Adverse Effects to Pacific Lamprey (*Entosphenus tridentatus*). Accessed January 24, 2025. https://semspub.epa.gov/work/10/100016741.pdf
- USFWS (U.S. Fish & Wildlife Service). 2011. Species Assessment and Listing Priority Assignment Form: *Urocitellus washingtoni*, Washington ground squirrel. Portland, Oregon: U.S. Fish and Wildlife Service.
- USFWS (U.S. Fish & Wildlife Service). 2016. Bald and Golden Eagles: Population Demographics and Estimation of Sustainable Take in the United States, 2016 update. Washington, D.C.: Division of Migratory Bird Management. Accessed January 24, 2025. <a href="https://www.fws.gov/media/population-demographics-and-estimation-sustainable-take-united-states-2016-update">https://www.fws.gov/media/population-demographics-and-estimation-sustainable-take-united-states-2016-update</a>

- USFWS (U.S. Fish & Wildlife Service). 2017a. Critical Habitat. Accessed July 31, 2024. https://www.fws.gov/project/critical-habitat
- USFWS (U.S. Fish & Wildlife Service). 2017b. Critical Habitat What is it? Accessed July 31, 2024. www.fws.gov/sites/default/files/documents/critical-habitat-fact-sheet.pdf.
- USFWS (U.S. Fish & Wildlife Service). <u>2024a. Electric Transmission Lines. Accessed August 27, 2024.</u> https://www.fws.gov/node/266176
- USFWS (U.S. Fish & Wildlife Service). 2024b. IPaC Information for Planning and Consultation. Accessed December 19, 2024. https://ipac.ecosphere.fws.gov/
- USFWS (U.S. Fish & Wildlife Service). Not dated. Recommended Standard Best Management Practice.

  Accessed September 27, 2024. <a href="https://www.fws.gov/sites/default/files/documents/">https://www.fws.gov/sites/default/files/documents/</a>

  Best%20Management%20Practices%20For%20Work%20In%20or%20Around%20Aquatic%20Environment-April%202022.pdf
- van de Kerk, M., R. T. Larsen, D. D. Olson, K. R. Hersey, and B. R. McMillan. 2021. Variation in Movement Patterns of Mule Deer: Have We Oversimplified Migration? Movement Ecology, 9(44). Accessed January 24, 2025. https://movementecologyjournal.biomedcentral.com/articles/10.1186/s40462-021-00281-7
- Van den Broeck, M., R. De Cock, S. Van Dongen, and E. Matthysen. 2021. Blinded by the Light: Artificial Light Lowers Mate Attraction Success in Female Glow-Worms (*Lampyris noctiluca* L.). Insects, 12(8):734. Accessed January 24, 2025. <a href="https://www.mdpi.com/2075-4450/12/8/734">https://www.mdpi.com/2075-4450/12/8/734</a>
- Vanderhoff, N., P. Pyle, M. A. Patten, R. Sallabanks, and F. C. James (2020). American Robin (*Turdus migratorius*), version 1.0. In Birds of the World (P. G. Rodewald, Editor). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 24, 2025. https://doi.org/10.2173/bow.amerob.01
- van Klink, R., T. August, Y. Bas, P. Bodesheim, A. Bonn, F. Fossøy, T. T. Høye, et al. 2022. Emerging Technologies Revolutionise Insect Ecology and Monitoring. Trends in Ecology and Evolution, 37(10):872–885. Accessed January 24, 2025. <a href="https://www.sciencedirect.com/science/article/pii/S0169534722001343">https://www.sciencedirect.com/science/article/pii/S0169534722001343</a>
- Vanecek J. 1998. Cellular mechanisms of melatonin action. Physiological Reviews ,78(3):686–721. Accessed January 24, 2025. <a href="https://pubmed.ncbi.nlm.nih.gov/9674691/">https://pubmed.ncbi.nlm.nih.gov/9674691/</a>
- Vennesland, R. G. 2000. The Effects of Disturbance from Humans and Predators on the Breeding Decisions and Productivity of the Great Blue Heron in South-Coastal British Columbia [Master of Science Thesis]. Burnaby, British Columbia: Simon Fraser University. Accessed November 27, 2023. <a href="https://www.nlc-bnc.ca/obj/s4/f2/dsk1/tape2/PQDD\_0009/MQ61507.pdf?is\_thesis=1&oclc\_number=1006674982">https://www.nlc-bnc.ca/obj/s4/f2/dsk1/tape2/PQDD\_0009/MQ61507.pdf?is\_thesis=1&oclc\_number=1006674982</a>.
- Verbeek, N. A., C. Caffrey, A. B. Clark, K. J. McGowan, and P. Pyle (2024). American Crow (*Corvus brachyrhynchos*), version 1.2. In Birds of the World (A. F. Poole, F. B. Gill, and M. G. Smith, Editors). Ithaca, New York: Cornell Lab of Ornithology. Accessed January 24, 2025. https://doi.org/10.2173/bow.amecro.01.2
- Wagner, D. L., K. J. Metzler, and H. Frye. 2019. Importance of Transmission Line Corridors for Conservation of Native Bees and Other Wildlife. Biological Conservation, 235:147–156. Accessed January 24, 2025. https://doi.org/10.1016/j.biocon.2019.03.042

Wagner, R. B., C. R. Brune, and V. D. Popescu. 2021. Snakes on a Lane: Road Type and Edge Habitat Predict Hotspots of Snake Road Mortality. Journal for Nature Conservation, 61. Accessed January 24, 2025. https://www.sciencedirect.com/science/article/abs/pii/S161713812100025X

- Warnock, N. 2010. Stopping vs. Staging: The Difference Between a Hop and a Jump. Journal of Avian Biology, 41(6):621–626. Accessed January 24, 2025.
  - https://nsojournals.onlinelibrary.wiley.com/doi/abs/10.1111/j.1600-048X.2010.05155.x?msockid=0f0715f343f664d311a201a742d2650c
- Washington Biodiversity Council. 2007. Washington's Biodiversity: Status and Threats. Olympia, Washington. Accessed August 20, 2024. <a href="https://rco.wa.gov/wp-content/uploads/2019/07/BiodiversityStatusThreats.pdf">https://rco.wa.gov/wp-content/uploads/2019/07/BiodiversityStatusThreats.pdf</a>
- Watson, J. W., and J. M. Azerrad. 2024. Management Recommendations for Washington's Priority Species: Ferruginous Hawk. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/sites/default/files/publications/02511/wdfw02511.pdf
- WDFW (Washington Department of Fish and Wildlife). 2000. Washington's Ecoregional Conservation Strategy. Olympia, Washington. Accessed December 18, 2024. https://wdfw.wa.gov/sites/default/files/publications/00727/chapter\_vi.pdf
- WDFW (Washington Department of Fish and Wildlife). 2002. Integrated Streambank Protection Guidelines. Washington State Aquatic Habitat Guidelines Program. Olympia, Washington. Accessed January 24, 2025. https://wdfw.wa.gov/sites/default/files/publications/00046/wdfw00046.pdf
- WDFW (Washington Department of Fish and Wildlife). 2008. State of Washington Priority Habitats and Species List. August 2008 (updated June 2023). Olympia, Washington. Accessed January 24, 2025. https://wdfw.wa.gov/publications/00165
- WDFW (Washington Department of Fish and Wildlife). 2009. Landscape Planning for Washington's Wildlife: Managing for Biodiversity in Developing Areas. Olympia, Washington. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/00023/wdfw00023.pdf">https://wdfw.wa.gov/sites/default/files/publications/00023/wdfw00023.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2010. Management Recommendations for Washington's Priority Species Volume V: Mammals (Interim). Olympia, Washington. Accessed January 24, 2025. https://wdfw.wa.gov/sites/default/files/publications/00027/wdfw00027.pdf
- WDFW (Washington Department of Fish and Wildlife). 2011. Priority Habitats and Species Management Recommendations: Mazama Pocket Gopher. Olympia, Washington. Accessed January 24, 2025. https://wdfw.wa.gov/sites/default/files/publications/01175/wdfw01175.pdf
- WDFW (Washington Department of Fish and Wildlife). 2012a. Olympic Mudminnow. Fact Sheet. Olympia, Washington. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/2019-03/olympic\_mudminnow.pdf">https://wdfw.wa.gov/sites/default/files/2019-03/olympic\_mudminnow.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2012b. Oregon Spotted Frog (Rana pretiosa). Endangered Species. Olympia, Washington. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/2019-03/oregon\_spotted\_frog.pdf">https://wdfw.wa.gov/sites/default/files/2019-03/oregon\_spotted\_frog.pdf</a>

WDFW (Washington Department of Fish and Wildlife). 2013. Threatened and Endangered Wildlife in Washington: 2012 Annual Report. Olympia, Washington: Listing and Recovery Section, Wildlife Program, Washington Department of Fish and Wildlife. Accessed October 30, 2024. <a href="https://wdfw.wa.gov/publications/01542">https://wdfw.wa.gov/publications/01542</a>

- WDFW (Washington Department of Fish and Wildlife). 2015. Washington's State Wildlife Action Plan: 2015 Update. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/sites/default/files/publications/01742/wdfw01742.pdf
- WDFW (Washington Department of Fish and Wildlife). 2016. Olympia, Washington: Washington State Mule Deer Management Plan, Wildlife Program. Accessed January 6, 2024. https://wdfw.wa.gov/publications/01755
- WDFW (Washington Department of Fish and Wildlife). 2018. Washington Department of Fish and Wildlife: Times when spawning or incubating salmonids are least likely to be within Washington State Freshwaters.

  Olympia, Washington. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/2019-02/freshwater\_incubation\_avoidance\_times.pdf">https://wdfw.wa.gov/sites/default/files/2019-02/freshwater\_incubation\_avoidance\_times.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2019a. State of Washington Alternative Mitigation Policy Guidance for Aquatic Permitting Requirements from the Department of Ecology and Fish and Wildlife. Olympia, Washington. Accessed January 23, 2025. <a href="https://wdfw.wa.gov/sites/default/files/publications/00972/wdfw00972.pdf">https://wdfw.wa.gov/sites/default/files/publications/00972/wdfw00972.pdf</a>
- WDFW (Washington Department of fish and Wildlife). 2019b. Mitigation for Better Projects. Olympia, Washington. Accessed August 19, 2024. <a href="https://wdfw.wa.gov/sites/default/files/2019-02/mitigation\_for\_better\_projects.pdf">https://wdfw.wa.gov/sites/default/files/2019-02/mitigation\_for\_better\_projects.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2021. Sandhill Cranes Stop Here. Olympia, Washington. Accessed August 27, 2024. https://storymaps.arcgis.com/stories/8b9411db02614c9aaccb02ea0c4c8416
- WDFW (Washington Department of Fish and Wildlife). 2023. Invasive Quagga Mussels Detected in Idaho; Monitoring and Prevention Efforts Ramp up in Washington. Olympia, Washington. Accessed September 3, 2024. <a href="https://wdfw.medium.com/invasive-quagga-mussels-detected-in-idaho-monitoring-and-prevention-efforts-ramp-up-in-washington-5913c555dccb">https://wdfw.medium.com/invasive-quagga-mussels-detected-in-idaho-monitoring-and-prevention-efforts-ramp-up-in-washington-5913c555dccb</a>
- WDFW (Washington Department of Fish and Wildlife). 2024a. Washington Shrubsteppe Restoration and Resiliency Initiative: Long-Term Strategy 2024 2054. Olympia, Washington: Washington Department of Fish and Wildlife, Washington State Department of Natural Resources, Washington State Conservation Commission. <a href="https://wdfw.wa.gov/publications/02489">https://wdfw.wa.gov/publications/02489</a>
- WDFW (Washington Department of Fish and Wildlife). 2024b. Amphibians and Reptiles of Washington. Olympia, Washington. Accessed August 1, 2024. <a href="https://wdfw.wa.gov/species-habitats/amphibians-reptiles#frogs">https://wdfw.wa.gov/species-habitats/amphibians-reptiles#frogs</a>
- WDFW (Washington Department of Fish and Wildlife). 2024c. Threatened and Endangered Species. Olympia, Washington. Accessed December 18, 2024. <a href="https://wdfw.wa.gov/species-habitats/at-risk/listed?species=&state\_status=All&federal\_status=All&category=All&page=4">https://wdfw.wa.gov/species-habitats/at-risk/listed?species=&status=All&federal\_status=All&category=All&page=4</a>
- WDFW (Washington Department of Fish and Wildlife). 2024d. Endangered Species Critical Habitat Areas.

  Olympia, Washington. Accessed January 10, 2025.

  https://wdfw.maps.arcgis.com/home/item.html?id=d46156cc921d4b41923c70c280b82458

WDFW (Washington Department of Fish and Wildlife). 2024e. Mountain Goat (*Oreamnos americanus*). Olympia, Washington. Accessed September 27, 2024. <a href="https://wdfw.wa.gov/species-habitats/species/oreamnos-americanus">https://wdfw.wa.gov/species-habitats/species/oreamnos-americanus</a>

- WDFW (Washington Department of Fish and Wildlife). 2024f. Wolverine. Olympia, Washington. Accessed December 18, 2024. <a href="https://wdfw.wa.gov/species-habitats/species/gulo-gulo-luscus#resources">https://wdfw.wa.gov/species-habitats/species/gulo-gulo-luscus#resources</a>
- WDFW (Washington Department of Fish and Wildlife). 2024g. Washington ground squirrel (*Urocitellus washingtoni*). Olympia, Washington. Accessed December 18, 2024. <a href="https://wdfw.wa.gov/species-habitats/species/urocitellus-washingtoni#conservation">https://wdfw.wa.gov/species-habitats/species/urocitellus-washingtoni#conservation</a>
- WDFW (Washington Department of Fish and Wildlife). 2024h. Birding and Community Science. Olympia, Washington. Accessed August 1, 2024. <a href="https://wdfw.wa.gov/get-involved/educational-resources/birding">https://wdfw.wa.gov/get-involved/educational-resources/birding</a>
- WDFW (Washington Department of Fish and Wildlife). 2024i. Species in Washington. Olympia, Washington. Accessed August 19, 2024. <a href="https://wdfw.wa.gov/species-habitats/species">https://wdfw.wa.gov/species-habitats/species</a>
- WDFW (Washington Department of Fish and Wildlife). 2024j. Amphibians and Reptiles. Olympia, Washington. Accessed August 1, 2024. <a href="https://wdfw.wa.gov/get-involved/educational-resources/amphibians-reptiles#amphibians">https://wdfw.wa.gov/get-involved/educational-resources/amphibians-reptiles#amphibians</a>
- WDFW (Washington Department of Fish and Wildlife). 2024k. Northwestern Pond Turtle (*Actinemys marmorata*). Olympia, Washington. Accessed August 2, 2024. <a href="https://wdfw.wa.gov/species-habitats/species/actinemys-marmorata#desc-range">https://wdfw.wa.gov/species-habitats/species/actinemys-marmorata#desc-range</a>
- WDFW (Washington Department of Fish and Wildlife). 2024l. Northern Sagebrush Lizard (*Sceloporus graciosus*) Olympia, Washington. Accessed August 2, 2024. <a href="https://wdfw.wa.gov/species-habitats/species/sceloporus-graciosus#desc-range">https://wdfw.wa.gov/species-habitats/species/sceloporus-graciosus#desc-range</a>
- WDFW (Washington Department of Fish and Wildlife). 2024m. State Listed Species. Revised March 2024. Olympia, Washington. Accessed January 24, 2025. <a href="https://wdfw.wa.gov/sites/default/files/2024-03/wa-state-listed-and-candidate-species-list.pdf">https://wdfw.wa.gov/sites/default/files/2024-03/wa-state-listed-and-candidate-species-list.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2024n. Marine Shorelines. Olympia, Washington. Accessed August 21, 2024. <a href="https://wdfw.wa.gov/species-habitats/ecosystems/marine-shorelines#at-risk-fish">https://wdfw.wa.gov/species-habitats/ecosystems/marine-shorelines#at-risk-fish</a>
- WDFW (Washington Department of Fish and Wildlife). 2024o. Riparian Areas. Olympia, Washington. Accessed August 19, 2024. <a href="https://wdfw.wa.gov/species-habitats/ecosystems/riparian#places-explore">https://wdfw.wa.gov/species-habitats/ecosystems/riparian#places-explore</a>
- WDFW (Washington Department of Fish and Wildlife). 2024p. Aquatic Invasive Species. Olympia, Washington. Accessed August 26, 2024. <a href="https://wdfw.wa.gov/species-habitats/invasive/species?species\_name=&category=25382&family=All&classification=25392">https://wdfw.wa.gov/species-habitats/invasive/species?species\_name=&category=25382&family=All&classification=25392</a>
- WDFW (Washington Department of Fish and Wildlife). 2024q. Northern Pike. Olympia, Washington. Accessed August 27, 2024. https://wdfw.wa.gov/species-habitats/invasive/esox-lucius#desc-range
- WDFW (Washington Department of Fish and Wildlife). 2024r. Periodic Status Review for the Northern Spotted Owl. Olympia, Washington. Accessed September 4, 2024. <a href="https://wdfw.wa.gov/sites/default/files/publications/01752/wdfw01752.pdf">https://wdfw.wa.gov/sites/default/files/publications/01752/wdfw01752.pdf</a>

Weldy, M. J., C. W. Epps, D. B. Lesmeister, T. Manning, M. A. Linnell, and E. D. Forsman. 2019. Abundance and Ecological Associations of Small Mammals. The Journal of Wildlife Management, 83(4):902–915. Accessed January 24, 2025. <a href="https://wildlife.onlinelibrary.wiley.com/doi/full/10.1002/jwmg.21641">https://wildlife.onlinelibrary.wiley.com/doi/full/10.1002/jwmg.21641</a>

- Weller, T. J., K. T. Castle, F. Liechti, C. D. Hein, M. R. Schirmacher, and P. M. Cryan. 2016. First Direct Evidence of Long-distance Seasonal Movements and Hibernation in a Migratory Bat. Scientific Reports, 6(34585). Accessed August 27, 2024. https://www.nature.com/articles/srep34585
- Wever E. G. 1978. The reptile ear: Its structure and function. Princeton, New Jersey: Princeton University Press.
- WHCWG (Washington Wildlife Habitat Connectivity Working Group). 2012. Washington Connected Landscapes Project: Analysis of the Columbia Plateau Ecoregion. Olympia, Washington: Washington's Department of Fish and Wildlife and Department of Transportation. Accessed January 24, 2025.

  <a href="https://waconnected.org/wp-content/themes/whcwg/docs/WHCWG\_ColumbiaPlateauEcoregion\_ExecSummary\_2012.pdf">https://waconnected.org/wp-content/themes/whcwg/docs/WHCWG\_ColumbiaPlateauEcoregion\_ExecSummary\_2012.pdf</a>
- WHCWG (Washington Wildlife Habitat Connectivity Working Group). 2024a. Habitat Connectivity Mapping Tools. Olympia, Washington: Washington Department of Fish and Wildlife and Washington State Department of Transportation. Accessed August 16, 2024. <a href="https://waconnected.org/habitat-connectivity-mapping-tools/">https://waconnected.org/habitat-connectivity-mapping-tools/</a>
- WHCWG (Washington Wildlife Habitat Connectivity Working Group). 2024b. Washington Connected Landscapes Project: Cascades to Coast Analysis. Olympia, Washington: Washington Department of Fish and Wildlife and Washington State Department of Transportation. Accessed January 24, 2025. https://waconnected.org/coastal-washington-analysis/
- Wiles, G. J., D. W. Stinson, and M. J. Linders. 2023. Periodic Status Review for the Western Gray Squirrel. Olympia, Washington: Washington Department of Fish and Wildlife. Accessed January 24, 2025. https://wdfw.wa.gov/publications/02410
- Wilson, S. F. 2016. Managing Zone-of-Influence Impacts of Oil and Gas Activities on Terrestrial Wildlife and Habitats in British Columbia. Journal of Ecosystems and Management, 16(1). Accessed January 24, 2025. https://jem-online.org/index.php/jem/article/view/585
- Wind, E. 2021. Western Toad Winter Habitat Requirements in Modified Landscapes on Vancouver Island Summary. Nanaimo, British Columbia: Prepared for Ministry of Forest, Lands and Natural Resource Operations, Nanaimo, BC, by E. Wind Consulting. Accessed January 24, 2025.

  <a href="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Modified-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Modified-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Modified-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Modified-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Modified-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Modified-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Wolfied-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Wolfied-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/DocumentCenter/View/99754/Western-Toad-Winter-Habitat-Requirments-in-Wolfied-Landscapes-on-Vancouver-Island-Summary?bidId="https://cvrd.ca/Documents-Notation-Notati
- WISC (Washington Invasive Species Council). 2025. Invasive Species, Priority Species. Olympia, Washington: Washington State Recreation and Conservation Office. Accessed January 13, 2025. <a href="https://invasivespecies.wa.gov/find-a-priority-species/?\_sft\_priority-specie-type=invasive-animals">https://invasivespecies.wa.gov/find-a-priority-species/?\_sft\_priority-specie-type=invasive-animals</a>
- Wise, S. and B. Buchanan. 2006. Influence of Artificial Illumination on the Nocturnal Behavior and Physiology of Salamander. In Ecological Consequences of Artificial Night Lighting. Washington, DC: Island Press, pp. 221–251.

Wright, D. G. and G. E. Hopky. 1998. Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters. Winnipeg, Manitoba: Science Directorate, Central and Arctic Region, Department of Fisheries and Oceans, and Ottawa, Ontario: Habitat Management & Environmental Science Directorate, Department of Fisheries and Oceans. Accessed January 24, 2025. <a href="https://publications.gc.ca/collections/Collection/Fs97-6-2107E.pdf">https://publications.gc.ca/collections/Collection/Fs97-6-2107E.pdf</a>

- WSDOT (Washington State Department of Transportation). 2018. Best Management Practices Field Guide for ESA 4 (d) Habitat Protection. Olympia, Washington. Accessed January 24, 2025. <a href="https://wsdot.wa.gov/sites/default/files/2021-10/">https://wsdot.wa.gov/sites/default/files/2021-10/</a>
  <a href="https://www.gov/sites/default/files/2021-10/">https://www.gov/sites/default/files/2021-10/</a>
  <a href="https://www.gov/sites/default/files/2021-10/">https://www.gov/sites/default/files/2021-10/</a>
  <a href="https://www.gov/sites/default/files/2021-10/">https://www.gov/sites/default/files/2021-10/</a>
  <a href="https://www.gov/sites/default/files/2021-10/">https://www.gov/sites/default/files/2021-10/</a>
  <a href="https://www.gov/sites/default/files/2021-10/">https://www.gov/sites/default/files/2021-10/</a>
  <a href="https://wwww.gov/sites/default/files/2021-10/">https://www.gov/sites/default/files
- WSDOT (Washington State Department of Transportation). 2020. Biological Assessment Preparation Manual. Chapter 7, Part 2: Construction Noise Impact Assessment. Olympia, Washington. https://wsdot.wa.gov/sites/default/files/2021-10/Env-FW-BA\_ManualCH07.pdf
- WSDOT (Washington State Department of Transportation). 2023. Fish Exclusion Protocol and Standards. Olympia, Washington. Accessed January 24, 2025. <a href="https://wsdot.wa.gov/sites/default/files/2021-12/FishMoving-Policy-StandardsProtocols.pdf">https://wsdot.wa.gov/sites/default/files/2021-12/FishMoving-Policy-StandardsProtocols.pdf</a>
- WSDOT (Washington State Department of Transportation). 2024. Habitat Connectivity Investment Priorities.

  Olympia, Washington. Accessed September 11, 2024. <a href="https://geo.wa.gov/datasets/WSDOT::wsdot-habitat-connectivity-investment-priorities/about">https://geo.wa.gov/datasets/WSDOT::wsdot-habitat-connectivity-investment-priorities/about</a>
- Wydoski, R. S. and R. R. Whitney. 2003. Inland Fishes of Washington (second ed.). Seattle, Washington: University of Washington Press.
- Xerces Society. 2018. Managing for Monarchs in the West: Best Management Practices for Conserving the Monarch Butterfly and Its Habitat. Portland, Oregon: The Xerces Society for Invertebrate Conservation. Accessed January 24, 2025. <a href="https://www.xerces.org/sites/default/files/2018-06/18-009\_01-Monarch\_BMPs\_Final\_Web.pdf">https://www.xerces.org/sites/default/files/2018-06/18-009\_01-Monarch\_BMPs\_Final\_Web.pdf</a>
- Xerces Society. 2019. Western Monarch Management Windows. Timing Management in Monarch Breeding Habitat. Accessed January 24, 2025. <a href="https://xerces.org/sites/default/files/2019-10/18-010-02">https://xerces.org/sites/default/files/2019-10/18-010-02</a> Timing-Management-in-Western-Monarch-Habitat.pdf
- Young B. A. 2003. Snake bioacoustics: Toward a Richer Understanding of the Behavioral Ecology of Snakes. Quarterly Review of Biology, 78(3):303–325. Accessed January 24, 2025. https://pubmed.ncbi.nlm.nih.gov/14528622/
- Zastrow, M. 2014. Power Lines Look Like Terrifying Bursts of Light to Animals. Nova. New York, New York: Thirteen PBS. Accessed August 29, 2024. <a href="https://www.pbs.org/wgbh/nova/article/power-lines-look-like-terrifying-bursts-of-light-to-animals/">https://www.pbs.org/wgbh/nova/article/power-lines-look-like-terrifying-bursts-of-light-to-animals/</a>

# Section 3.7 - Energy and Natural Resources

Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>

AISI (American Iron and Steel Institute). 2024. New & Expanding Demand for Steel in Energy. Accessed October 1, 2024. https://www.steel.org/steel-markets/energy/

- DOE (U.S. Department of Energy). Not dated. Artificial Intelligence. Accessed February 18, 2024. https://www.energy.gov/topics/artificial-intelligence
- DOE (U.S. Department of Energy). 2021. State of Washington Energy Sector Risk Profile. Accessed February 18, 2025. <a href="https://www.energy.gov/sites/default/files/2021-09/">https://www.energy.gov/sites/default/files/2021-09/</a>
  State%20of%20Washington%20Energy%20Sector%20Risk%20Profile.pdf
- EFSEC (Energy Facility Site Evaluation Council). 2022. Transmission Corridors Work Group Final Report.

  Accessed October 1, 2024. <a href="https://www.efsec.wa.gov/sites/default/files/181034/">https://www.efsec.wa.gov/sites/default/files/181034/</a>

  Final\_TCWG\_Report%20\_2022\_0801.pdf
- EFSEC (Energy Facility Site Evaluation Council). Not dated. Energy Facilities. Accessed November 4, 2024. https://www.efsec.wa.gov/energy-facilities
- EIA (U.S. Energy Information Agency). 2023. Frequently Asked Questions (FAQs). Last updated November 7, 2023. Accessed December 2024. <a href="https://www.eia.gov/tools/faqs/faq.php?id=105&t=3#:~:text=How%20much%20electricity%20is%20lost,not%20contribute%20to%20T&D%20losses.&text=Last%20updated:%20November%207%2C%202023,at%20the%20time%20of%20updated
- EIA (U.S. Energy Information Agency). 2024a. Washington State Energy Profile. Last updated October 17, 2024. Accessed November 4, 2024. <a href="https://www.eia.gov/state/print.php?sid=WA">https://www.eia.gov/state/print.php?sid=WA</a>
- EIA (U.S. Energy Information Agency). 2024b. Washington Net Electricity Generation by Source, Jul. 2024. Accessed August 23, 2024. <a href="https://www.eia.gov/state/?sid=WA">https://www.eia.gov/state/?sid=WA</a>
- Energy Basics. Not dated. Basics of Electricity Transportation. Accessed October 16, 2024. https://www.energybasics.org/electricity-transmission
- FERC (Federal Energy Regulatory Commission). 2024. Electric Transmission Facilities Permit Process. Accessed December 2024. <a href="https://www.ferc.gov/electric-transmission-facilities-permit-process#:~:text=The%20width%20of%20the%20right,expect%20to%20seek%20Commission%20authorization">https://www.ferc.gov/electric-transmission-facilities-permit-process#:~:text=The%20width%20of%20the%20right,expect%20to%20seek%20Commission%20authorization</a>
- Grajek, C. 2016. Underground Electrical Vaults: Safety Concerns and Controls. Accessed October 16, 2024. https://incident-prevention.com/blog/underground-electrical-vaults-safety-concerns-and-controls/
- NERC (North American Electric Reliability Corporation). 2023. Standard Processes Manual Version 5, Effective November 28, 2023. Accessed December 2024. <a href="https://www.nerc.com/AboutNERC/RulesOfProcedure/Appendix\_3A\_SPM\_Clean\_Mar2019.pdf">https://www.nerc.com/AboutNERC/RulesOfProcedure/Appendix\_3A\_SPM\_Clean\_Mar2019.pdf</a>
- NWPCC (Northwest Power and Conservation Council). 2022. The 2021 Northwest Power Plan. Accessed August 23, 2024. https://www.nwcouncil.org/fs/17680/2021powerplan 2022-3.pdf
- NWPCC (Northwest Power and Conservation Council). 2024a. Map of power generation in the Northwest.

  Accessed October 9, 2024. <a href="https://www.nwcouncil.org/energy/energy-topics/power-supply/map-of-power-generation-in-the-northwest/">https://www.nwcouncil.org/energy/energy-topics/power-supply/map-of-power-generation-in-the-northwest/</a>

NWPCC (Northwest Power and Conservation Council). 2024b. Council Briefings: NW Sets Summer Record for Peak Power Demand & an Update on the Western Resource Adequacy Program. Accessed December 2024. <a href="https://www.nwcouncil.org/news/2024/09/18/july-heatwave-western-resource-adequacy-program-update/">https://www.nwcouncil.org/news/2024/09/18/july-heatwave-western-resource-adequacy-program-update/</a>

- PNUCC (Pacific Northwest Utilities Conference Committee). 2024. Northwest Regional Forecast of Power Loads and Resources: August 2024 through July 2034. Accessed November 5, 2024. <a href="https://www.pnucc.org/wp-content/uploads/2024-PNUCC-Northwest-Regional-Forecast-final.pdf">https://www.pnucc.org/wp-content/uploads/2024-PNUCC-Northwest-Regional-Forecast-final.pdf</a>
- Portland Cement Association. 2024. Cement & Concrete. Accessed August 23, 2024. <a href="https://www.cement.org/cement-concrete">https://www.cement.org/cement-concrete</a>
- PSCW (Public Service Commission of Wisconsin). 2011. Underground Electric Transmission Lines. Accessed September 30, 2024. https://psc.wi.gov/Documents/Brochures/Under%20Ground%20Transmission.pdf
- TTES (Transformer Network). 2024. Transformer Winding Learn More About What It Is, Types, Materials.

  Accessed December 2024. <a href="https://ttesusa.com/blog/transformer-winding-learn-more-about-what-it-is-types-materials/#elementor-toc\_heading-anchor-9">https://ttesusa.com/blog/transformer-winding-learn-more-about-what-it-is-types-materials/#elementor-toc\_heading-anchor-9</a>
- USGS (U.S. Geological Survey). 2024a. Iron and Steel. Accessed October 2, 2024. https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-iron-steel.pdf
- USGS (U.S. Geological Survey). 2024b. Aluminum. Accessed October 2, 2024. https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-aluminum.pdf
- USGS (U.S. Geological Survey). 2024c. Copper. Accessed October 2, 2024. https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-copper.pdf
- USGS (U.S. Geological Survey). 2024d. Sand and Gravel (Construction). Accessed August 23, 2024. https://pubs.usgs.gov/periodicals/mcs2024/mcs2024-sand-gravel.pdf
- Washington State Department of Commerce. Not dated. Forest Products. Accessed October 1, 2024.

  <a href="https://choosewashingtonstate.com/why-washington/our-key-sectors/forest-products/#:~:text=Washington%20has%2022%20million%20acres,lumber%20in%20the%20United%20Stateshttps://choosewashingtonstate.com/why-washington/our-key-sectors/forest-products/">https://choosewashington%20has%2022%20million%20acres,lumber%20in%20the%20United%20Stateshttps://choosewashingtonstate.com/why-washington/our-key-sectors/forest-products/</a>
- WECC (Western Electricity Coordinating Council). 2024. 2024 State of the Interconnection. Updated September 2024. Accessed September 12, 2024. <a href="https://feature.wecc.org/soti/index.html">https://feature.wecc.org/soti/index.html</a>
- Zichella, C. and J. Hladik. Not dated. Siting: Finding a Home for Renewable Energy and Transmission. America's Power Plan. Accessed September 16, 2024. <a href="https://www.energy.gov/sites/prod/files/2015/03/f20/APP-SITING-PAPER.pdf">https://www.energy.gov/sites/prod/files/2015/03/f20/APP-SITING-PAPER.pdf</a>

## Section 3.8 – Public Health and Safety

Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed March 3, 2025. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>

DNR (Washington State Department of Natural Resources). 2019. Washington State Wildland Fire Protection 10-Year Strategic Plan. Accessed March 3, 2025. http://dnr.wa.gov/publications/rp\_wildfire\_strategic\_plan.pdf.

- DNR (Washington State Department of Natural Resources). 2023. Commissioner Franz, DNR Leaders Recap Wildfire Season, Celebrate Partnerships. Accessed September 18, 2024. https://www.dnr.wa.gov/news/commissioner-franz-dnr-leaders-recap-wildfire-season-celebrate-partnerships
- Ecology (Washington State Department of Ecology). 2013. Frequently Asked Questions Toxics Cleanup Program. February 2013. Accessed Accessed March 3, 2025. <a href="https://apps.ecology.wa.gov/publications/documents/1309172.pdf#:~:text=Passed%20by%20voters%20as%20Initiative%2097%2C%20this%20law,encourages%20public%20involvement%20in%20the%20decision%20making%20process</a>
- Ecology (Washington State Department of Ecology. 2024. Contaminated Sites List. Accessed Accessed March 3, 2025. https://apps.ecology.wa.gov/cleanupsearch/reports/cleanup/contaminated
- Electrical Engineering Portal. 2017. Technical issues of undergrounding high voltage transmission lines. Accessed March 3, 2025. <a href="https://electrical-engineering-portal.com/download-center/books-and-guides/electricity-generation-t-d/undergrounding-hv-lines">https://electrical-engineering-portal.com/download-center/books-and-guides/electricity-generation-t-d/undergrounding-hv-lines</a>
- Electrical Safety Foundation. 2023. Workplace Injury & Fatality Statistics. Accessed March 3, 2025. https://www.esfi.org/workplace-safety/workplace-injury-fatality-statistics/
- EPA (U.S. Environmental Protection Agency). 2016. Polychlorinated Biphenyls (PCBs). Accessed September 24, 2024. https://19january2017snapshot.epa.gov/pcbs/learn-about-polychlorinated-biphenyls-pcbs\_.html
- EPA (U.S. Environmental Protection Agency). 2019. Electric Power Generation, Transmission and Distribution Industry Practices and Environmental Characterization. June 2019. Accessed March 3, 2025. https://www.epa.gov/sites/default/files/2019-07/documents/cercla\_108b\_industry\_practices.pdf
- EPA (U.S. Environmental Protection Agency). 2021. Stormwater Best Management Practices: Hazardous Materials Storage. Accessed March 3, 2025. <a href="https://www.epa.gov/system/files/documents/2021-11/bmp-hazardous-materials-storage.pdf">https://www.epa.gov/system/files/documents/2021-11/bmp-hazardous-materials-storage.pdf</a>
- Healthline. Not dated. EMF: What is it? Healthline. Accessed March 3, 2025. https://www.healthline.com/health/emf
- ICNIRP (International Commission on Non-Ionizing Radiation Protection). 2010. ICNIRP Guidelines for Limiting Exposure to Time-Varying Electric and Magnetic Fields (1 Hz–100 kHz). Health Physics 99(6): 818–836. Accessed March 3, 2025. http://www.icnirp.org/cms/upload/publications/ICNIRPLFgdl.pdf
- IEEE (Institute of Electrical and Electronics Engineers). 2019. C95.1-2019 IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic and Electromagnetic Fields, 0 to 300 kHz. IEEE Standard C95.1-2019. New York.
- NIEHS (National Institute of Environmental Health Sciences). 2024. Electric & Magnetic Fields. Accessed March 3, 2025. https://www.niehs.nih.gov/health/topics/agents/emf

NIEHS (National Institute of Environmental Health Sciences). 1999. NIEHS Report on Health Effects from Exposure to Power-Line Frequency Electric and Magnetic Fields.

<a href="https://www.niehs.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate">https://www.niehs.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate</a>
<a href="mailto:sites.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate">https://www.niehs.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate</a>
<a href="mailto:sites.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate">https://www.niehs.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate</a>
<a href="mailto:sites.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate">https://www.niehs.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate</a>
<a href="mailto:sites.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate">https://www.niehs.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate</a>
<a href="mailto:sites.nih.gov/sites/default/files/health/assets/docs\_p\_z/report\_powerline\_electric\_mg\_predate</a>

- NOAA (National Oceanic and Atmospheric Administration) Center for Environmental Information. 2024. Monthly Wildfires Report for Annual 2023. Accessed September 18, 2024. <a href="https://www.ncei.noaa.gov/access/monitoring/monthly-report/fire/202313">https://www.ncei.noaa.gov/access/monitoring/monthly-report/fire/202313</a>.
- NPS (National Park Service). Not dated. Understanding Fire Danger. Accessed March 2025.

  <a href="https://www.nps.gov/articles/understanding-fire-danger.htm#:~:text=Low%20humidity%20takes%20moisture%20from,these%20fine%20fuels%20become%20drier">https://www.nps.gov/articles/understanding-fire-danger.htm#:~:text=Low%20humidity%20takes%20moisture%20from,these%20fine%20fuels%20become%20drier</a>.

  %20drier.
- San Diego Gas & Electric Company. 2008. Section D.10 Public Health and Safety, Table D.10-7 Hazardous Materials Typically Used for Transmission Line Construction, Sunrise Powerlink Project, Sunrise Powerlink Application to California Public Utilities Commission, August 4. Accessed September 17, 2024. https://ia.cpuc.ca.gov/environment/info/aspen/sunrise/deir/D10%20Safety.pdf
- U.S. Bureau of Labor Statistics. 2023. Census of Fatal Occupational Injuries Summary, 2022. Accessed September 9, 2024. <a href="https://www.bls.gov/news.release/archives/cfoi\_12192023.pdf">https://www.bls.gov/news.release/archives/cfoi\_12192023.pdf</a>
- Washington State Department of Labor & Industries. 2019. Washington State Work-Related Fatalities Report.

  Accessed September 26, 2024. <a href="https://www.lni.wa.gov/safety-health/safety-research/files/2020/93\_5\_2020\_WorkRelatedFatalitiesInWashingtonState\_2019.pdf">https://www.lni.wa.gov/safety-health/safety-research/files/2020/93\_5\_2020\_WorkRelatedFatalitiesInWashingtonState\_2019.pdf</a>
- Wertheimer, N. and E. Leeper. 1979. Electrical Wiring Configurations and Childhood Cancer. American Journal of Epidemiology, 109(3), 273–284. Accessed August 25, 2024. <a href="https://doi.org/10.1093/oxfordjournals.aje.a112681">https://doi.org/10.1093/oxfordjournals.aje.a112681</a>
- Xcel Energy. 2021. Overhead Vs. Underground: Information about Burying High Voltage Transmission Lines. Accessed March 3, 2025. <a href="https://xcelnew.my.salesforce.com/sfc/p/#1U0000011ttV/a/8b000002ZAgG/fFXdbyR9TgaRcEOrD2SDyGOV57cQCQPLFEXczPQx6cM">https://xcelnew.my.salesforce.com/sfc/p/#1U0000011ttV/a/8b000002ZAgG/fFXdbyR9TgaRcEOrD2SDyGOV57cQCQPLFEXczPQx6cM</a>

#### Section 3.9 – Land and Shoreline Use

- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- Columbia River Inter-Tribal Fish Commission. 2024. Confederated Tribes and Bands of the Yakama Nation.

  Accessed October 21, 2024. <a href="https://critfc.org/member-tribes-overview/the-confederated-tribes-and-bands-of-the-yakama-nation/">https://critfc.org/member-tribes-overview/the-confederated-tribes-and-bands-of-the-yakama-nation/</a>
- Congressional Research Service. 2020. Federal Land Ownership: Overview and Data. Accessed September 2024. https://sgp.fas.org/crs/misc/R42346.pdf
- Cowlitz Indian Tribe. 2017. Cowlitz Indian Tribe Tribal Services Profile. December 27, 2017. Accessed September 2024. <a href="https://aihc-wa.com/wp-content/uploads/2019/01/Cowlitz-Tribe.pdf">https://aihc-wa.com/wp-content/uploads/2019/01/Cowlitz-Tribe.pdf</a>

DNR (Washington State Department of Natural Resources). Not dated. Managed Lands. Accessed September 2024. https://www.dnr.wa.gov/managed-lands

- DOC (Washington State Department of Commerce). 2022a. Military Installations and Ranges. Accessed October 30, 2024. <a href="https://cesa-wacommerce.hub.arcgis.com/datasets/070da3dce31e49cf8b5257d84e0da582\_1/">https://cesa-wacommerce.hub.arcgis.com/datasets/070da3dce31e49cf8b5257d84e0da582\_1/</a> explore?showTable=true
- DOC (Washington State Department of Commerce). 2022b. Washington State Compatible Energy Siting Assessment. Accessed January 2025. https://deptofcommerce.app.box.com/s/qqqvpdimhdpvmx4yl8r4xzzbocb7k01a
- DOD (U.S. Department of Defense). 2016. Northwest Training Range Complex User's Manual. Accessed January 2025.

  <a href="https://nwtteis.com/portals/nwtteis/files/references/DoN\_2016\_Northwest\_Training\_Complex\_User\_Manual.pdf">https://nwtteis.com/portals/nwtteis/files/references/DoN\_2016\_Northwest\_Training\_Complex\_User\_Manual.pdf</a>
- DOD (U.S. Department of Defense). 2022. Compatible Use and Installation Resilience Grantee Guide. Accessed January 2025.

  <a href="https://oldcc.gov/sites/default/files/resources/OEA0182%20MIS%20Grantee%20Guide%20508%20%28jc%29\_0.pdf">https://oldcc.gov/sites/default/files/resources/OEA0182%20MIS%20Grantee%20Guide%20508%20%28jc%29\_0.pdf</a>
- DOD (U.S. Department of Defense). 2023. Defense Spending by State, Fiscal Year 2023. Accessed January 2025. <a href="https://oldcc.gov/sites/default/files/defense-spending-rpts/OLDCC\_DSBS\_FY2023\_FINAL\_WEB\_20240929.pdf">https://oldcc.gov/sites/default/files/defense-spending-rpts/OLDCC\_DSBS\_FY2023\_FINAL\_WEB\_20240929.pdf</a>
- Ecology (Washington State Department of Ecology). Not dated. State-Approved SMP List. Accessed September 2024. <a href="https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/S
- EPA (U.S. Environmental Protection Agency). Not dated. Quileute Tribe Water Monitoring Program. Accessed September 2024. https://storymaps.arcgis.com/stories/6ec98e665ba044f7b04815ac0a1c8b38/print
- FAA (Federal Aviation Administration). Not dated (a). ENR 1.4 ATS Airspace Classification. Accessed January 2025. https://www.faa.gov/air\_traffic/publications/atpubs/aip\_html/part2\_enr\_section\_1.4.html
- FAA (Federal Aviation Administration). Not dated (b). ENR 5.1 Navigation Warnings. Accessed January 2025. https://www.faa.gov/air\_traffic/publications/atpubs/aip\_html/part2\_enr\_section\_5.1.html#moXR911c9chri
- FAA (Federal Aviation Administration). Not dated (c). Glossary Section S. Accessed January 2025. <a href="https://www.faa.gov/air\_traffic/publications/atpubs/pcg\_html/glossary-s.html#\$SPECIAL%20USE%20AIRSPACE">https://www.faa.gov/air\_traffic/publications/atpubs/pcg\_html/glossary-s.html#\$SPECIAL%20USE%20AIRSPACE</a>
- FAA (Federal Aviation Administration). Not dated (d). Section 5. Other Airspace Areas. January 2025.

  <a href="https://www.faa.gov/air\_traffic/publications/atpubs/aim\_html/chap3\_section\_5.html#:~:text=In%20an%20eff\_ort%20to%20ensure%20the%20greatest%20practical,for%20the%20purpose%20of%20conducting%20low%E2%80%90altitude%2C%20high%E2%80%90speed%20training</a>

Federal Register. 2018. Military Aviation and Installation Assurance Siting Clearinghouse; Notice and Request for Public Comment on Boardman, Oregon, and NAS Patuxent River, Maryland, Geographic Areas of Concern. Accessed January 2025. <a href="https://www.govinfo.gov/content/pkg/FR-2018-08-08/pdf/2018-16886.pdf">https://www.govinfo.gov/content/pkg/FR-2018-08-08/pdf/2018-16886.pdf</a>

- Muckleshoot Indian Tribe. 2024. Our Origins, Ancestors, and Identity. Accessed September 2024. https://www.muckleshoot.nsn.us/history
- National Congress of American Indians. Not Dated. Swinomish Indian Tribal Community. Accessed September 2024. https://archive.ncai.org/tribal-vawa/sdvcj-today/swinomish-indian-tribal-community
- NRSIG (Natural Resource Spatial Informatics Group). 2014. Accessed September 3, 2024. <a href="https://nrsig.org/projects/public-land-inventory#:~:text=The%20estimated%20total%20land%20area,total%20about%2019.8%20million%20acres">https://nrsig.org/projects/public-land-inventory#:~:text=The%20estimated%20total%20land%20area,total%20about%2019.8%20million%20acres</a>
- Nisqually Indian Tribe. 2024. Heritage. Accessed September 2024. <a href="http://www.nisqually-nsn.gov/index.php/heritage/#:~:text=Tribal">http://www.nisqually-nsn.gov/index.php/heritage/#:~:text=Tribal</a>
- Port Gamble S'Klallam Tribe. 2024. History & Culture. Accessed September 2024. <a href="https://pgst.nsn.us/history-culture/">https://pgst.nsn.us/history-culture/</a>
- President of the Washington State Senate. Not dated. Washington Tribes. Accessed August 2024. https://www.ltgov.wa.gov/washington-tribes
- Puyallup Tribe of Indians. 2017. Puyallup Tribe All Hazard Mitigation Plan 2017-2022 Edition. Accessed September 2024. https://www.puyalluptribe-nsn.gov/wp-content/uploads/2017PTI-Profile-Section.pdf
- Renker, A. M. Not dated. The Makah Tribe: People of the Sea and the Forest. Accessed September 2024. https://content.lib.washington.edu/aipnw/renker.html
- REPI (Readiness and Environmental Protection Integration). 2023. REPI State Fact Sheet | Washington. Accessed September 2024. https://www.repi.mil/Portals/44/Documents/State Fact Sheets/Washington StateFacts.pdf
- Samish Indian Nation. Not Dated. Samish Indian Nation Timeline. Accessed September 2024. https://storymaps.arcgis.com/stories/33d042bc581b456ea7bf286dd4393970
- Shoalwater Bay Indian Tribe. Not Dated. Origins of Shoalwater Bay Indian Tribe. Accessed September 2024. https://www.shoalwaterbay-nsn.gov/about-the-tribe/history/
- Snoqualmie Tribe. 2022. Snoqualmie Tribe Acquires 12,000 Acres of Ancestral Forestland in King County.

  Accessed September 2024. <a href="https://snoqualmietribe.us/snoqualmie-tribe-acquires-12000-acres-of-ancestral-forestland-in-king-county/">https://snoqualmietribe.us/snoqualmie-tribe-acquires-12000-acres-of-ancestral-forestland-in-king-county/</a>
- Stillaguamish Tribe of Indians. 2023. About Us. Accessed September 2023. <a href="https://www.stillaguamish.com/about-us/">https://www.stillaguamish.com/about-us/</a>

Suquamish Tribe. 2024. 2024. Frequently Asked Questions. Accessed September 2024.

<a href="https://suquamish.nsn.us/home/about-us/faqs/">https://suquamish.nsn.us/home/about-us/faqs/</a> Z. Jiangong, Y. Jiawei, T. Bo, H. Bin, and Z. Gan. 2018.

Protecting Distance between Radar Stations and UHV Power Transmission Lines. Accessed January 2025. 

<a href="https://benthamopenarchives.com/contents/pdf/TOEEJ/TOEEJ-12-12.pdf">https://benthamopenarchives.com/contents/pdf/TOEEJ/TOEEJ-12-12.pdf</a>

- U.S. Census Bureau. 2010. State Area Measurements and Internal Point Coordinates. Accessed October 22, 2024. https://www.census.gov/geographies/reference-files/2010/geo/state-area.html
- USDA (U.S. Department of Agriculture). 2023. Press Release, National Agricultural Statistics Service. Accessed September 2024.

  <a href="https://www.nass.usda.gov/Statistics\_by\_State/Washington/Publications/Current\_News\_Release/2023/VOPWA-2022.pdf">https://www.nass.usda.gov/Statistics\_by\_State/Washington/Publications/Current\_News\_Release/2023/VOPWA-2022.pdf</a>
- USDA (U.S. Department of Agriculture). 2024a. Farmland Protection Policy Act. Accessed September 2024. https://www.nrcs.usda.gov/conservation-basics/natural-resource-concerns/land/cropland/farmland-protection-policy-act
- USDA (U.S. Department of Agriculture). 2024b. Environmental Compliance Library Farmland Protection Policy Act. Accessed September 2024. <a href="https://www.nrcs.usda.gov/sites/default/files/2022-06/FPPA\_Law.pdf">https://www.nrcs.usda.gov/sites/default/files/2022-06/FPPA\_Law.pdf</a>
- USDA (U.S. Department of Agriculture). 2024c. News Release, 2022 Census of Agriculture Data Down to the County Level. Accessed September 2024.

  <a href="https://www.nass.usda.gov/Statistics\_by\_State/Washington/Publications/Current\_News\_Release/2024/WA%20News%20Release%20Ag%20Census%20FINAL.pdf">https://www.nass.usda.gov/Statistics\_by\_State/Washington/Publications/Current\_News\_Release/2024/WA%20News%20Release%20Ag%20Census%20FINAL.pdf</a>
- USFS (U.S. Forest Service). 2023a. Areas by State. Accessed January 2025. https://www.fs.usda.gov/land/staff/lar/LA2023/LARTable4.pdf
- USFS (U.S. Forest Service). 2023b. National Scenic Areas By State. Accessed January 2025. https://www.fs.usda.gov/land/staff/lar/LA2023/LARTable12.pdf
- USFS (U.S. Forest Service). 2023c. National Volcanic Monument Areas by State. Accessed January 2025. <a href="https://www.fs.usda.gov/land/staff/lar/LA2023/LARTable19.pdf">https://www.fs.usda.gov/land/staff/lar/LA2023/LARTable19.pdf</a>
- USFWS (U.S. Fish and Wildlife Service). Not Dated. USFWS Facilities. Accessed September 2024.

  <a href="https://www.fws.gov/our-facilities?type=%5B%22National%20Wildlife%20Refuge%22%5D&state\_name=%5B%22Washington%22%5Dhttps://www.fws.gov/our-facilities?state\_name=%5B%22Washington%22%5D</a>

  %5Dhttps://www.fws.gov/our-facilities?state\_name=%5B%22Washington%22%5D
- USGS (U.S. Geological Survey). 2019. Gap Analysis Program (GAP). Accessed September 2024. Retrieved from Land Cover Data Download at: <a href="https://www.usgs.gov/programs/gap-analysis-project/science/land-cover-data-download">https://www.usgs.gov/programs/gap-analysis-project/science/land-cover-data-download</a>
- Washington Governor Jay Inslee. Not dated. Parks and Recreation Commission. Accessed October 30, 2024. <a href="https://governor.wa.gov/boards-commissions/board-commission-profiles/Parks%20and%20Recreation%20Commission">https://governor.wa.gov/boards-commissions/board-commission-profiles/Parks%20and%20Recreation%20Commission</a>
- Washington National Guard. Not Dated. Armory and Readiness Center Locations. Accessed September 2024. https://mil.wa.gov/washington-national-guard-locations

Washington State Department of Agriculture. 2023. Agricultural Land Use in Washington State. Accessed September 2024. https://experience.arcgis.com/experience/ab85f44a941047878e54503400924388/

- Washington State Department of Agriculture. Not Dated. Agriculture: A Cornerstone of Washington's Economy. Accessed August 2024. https://agr.wa.gov/washington-agriculture
- WDFW (Washington Department of Fish and Wildlife). 2024. WDFW Lands Management. Accessed October 30, 2024 at <a href="https://wsponlinenam.sharepoint.com/sites/US-Transmission-Line/Data%20Collection%20and%20Analysis/Section%203.09%20-%20Land%20Use/References/Other%20References/WDFW%20Lands%20Management%20\_%20Washin gton%20Department%20of%20Fish%20&%20Wildlife.pdf?CT=1730331578110&OR=ItemsView</a>

# Section 3.10 - Transportation

- AASHTO (American Association of State Highway and Transportation Officials). 2001. Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT 400). Washington, DC: American Association of State Highway and Transportation Officials. Accessed February 3, 2025.

  <a href="https://store.transportation.org/Common/DownloadContentFiles?id=451&srsltid=AfmBOorLNGIRoZWWFO3M-oXYYKwulBX2cjG3IGWsrZmdtaNJH4lzpc5Z">https://store.transportation.org/Common/DownloadContentFiles?id=451&srsltid=AfmBOorLNGIRoZWWFO3M-oXYYKwulBX2cjG3IGWsrZmdtaNJH4lzpc5Z</a>
- AASHTO (American Association of State Highway and Transportation Officials). 2011. Roadside Design Guide, 4th Edition. Accessed February 3, 2025. <a href="https://highways.dot.gov/safety/rwd/reduce-crash-severity/aashto-guidance">https://highways.dot.gov/safety/rwd/reduce-crash-severity/aashto-guidance</a>
- AASHTO (American Association of State Highway and Transportation Officials). 2024. AASHTO Guide for Accommodating Utilities within Highways and Freeways. Washington, DC: American Association of State Highway and Transportation Officials. Accessed February 2025.

  <a href="https://store.transportation.org/Common/DownloadContentFiles?id=2432&srsltid=AfmBOorInQtEeh9mdMmkFafkDSUBv5h0P8Qs7nB0n0ddKuuBy3-g2DC6">https://store.transportation.org/Common/DownloadContentFiles?id=2432&srsltid=AfmBOorInQtEeh9mdMmkFafkDSUBv5h0P8Qs7nB0n0ddKuuBy3-g2DC6</a>
- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- BLM (U.S. Department of the Interior Bureau of Land Management). 2014. MS 9102 Facility Design. Accessed February 3, 2025. <a href="https://www.blm.gov/sites/blm.gov/files/uploads/mediacenter\_blmpolicymanual9102.pdf">https://www.blm.gov/sites/blm.gov/files/uploads/mediacenter\_blmpolicymanual9102.pdf</a>
- BLM (U.S. Department of the Interior Bureau of Land Management). 2015. MS 9113 Roads. Accessed February 3, 2025. https://www.blm.gov/sites/blm.gov/files/uploads/mediacenter\_blmpolicymanual9113.pdf
- Burns, A. 2024. Washington Railroads: State Map, History, Abandoned Lines. September 7, 2024. Accessed December 26, 2024. <a href="https://www.american-rails.com/wa.html">https://www.american-rails.com/wa.html</a>
- FAA (Federal Aviation Administration). 2018. FAA Advisory Circular 70/7460- 1L. Accessed February 3, 2025. https://www.faa.gov/documentLibrary/media/Advisory\_Circular/AC\_70\_7460-1L\_\_\_Obstuction\_Marking\_and\_Lighting\_-Change\_2.pdf
- FHWA (Federal Highway Administration). 2023. Manual on Uniform Traffic Control Devices for Streets and Highways (11<sup>th</sup> edition). Accessed February 3, 2025. https://mutcd.fhwa.dot.gov/pdfs/11th Edition/mutcd11thedition.pdf

FHWA (Federal Highway Administration). 2025. FHWA Route Log and Finder List. Accessed January 3, 2025. <a href="https://www.fhwa.dot.gov/planning/national\_highway\_system/interstate\_highway\_system/routefinder/table0">https://www.fhwa.dot.gov/planning/national\_highway\_system/interstate\_highway\_system/routefinder/table0</a>
1.cfm

- Transportation Research Board. 2016. Highway Capacity Manual 6th Edition: A Guide for Multimodal Mobility Analysis. Washington, DC: The National Academies Press. <a href="https://doi.org/10.17226/24798">https://doi.org/10.17226/24798</a>
- USDOT (U.S. Department of Transportation). 2022. National Roadway Safety Strategy. Accessed November 8, 2024. <a href="https://www.transportation.gov/sites/dot.gov/files/2022-02/USDOT-National-Roadway-Safety-Strategy.pdf">https://www.transportation.gov/sites/dot.gov/files/2022-02/USDOT-National-Roadway-Safety-Strategy.pdf</a>
- WPPA (Washington Public Ports Association). Not dated. Frequently Asked Questions. Accessed December 3, 2024. https://www.washingtonports.org/frequently-asked-questions/
- WSDOT (Washington State Department of Transportation). 2018. Best Management Practices Field Guide for ESA § 4 (d) Habitat Protection. Accessed February 3, 2025. <a href="https://wsdot.wa.gov/sites/default/files/2021-10/bestmanagementpracticesfieldguideregionalroadmaintenance.pdf">https://wsdot.wa.gov/sites/default/files/2021-10/bestmanagementpracticesfieldguideregionalroadmaintenance.pdf</a>
- WSDOT (Washington State Department of Transportation). 2021. Regional Road Maintenance Forum Best Management Practices Guide. Accessed February 4, 2025. <a href="https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf">https://wsdot.wa.gov/sites/default/files/2021-10/part2-bestmanagementpractices-regionalroadmaintenance.pdf</a>
- WSDOT (Washington State Department of Transportation). 2022. Washington State Freight System Plan. Accessed December 3, 2024. <a href="https://wsdot.wa.gov/sites/default/files/2022-12/WA-State-Freight-System-Plan-2022\_0.pdf">https://wsdot.wa.gov/sites/default/files/2022-12/WA-State-Freight-System-Plan-2022\_0.pdf</a>
- WSDOT (Washington State Department of Transportation). 2023. Public Transportation Benefit Area Formation Process Guidebook. Accessed November 7, 2024. <a href="https://wsdot.wa.gov/sites/default/files/2023-02/Public%20Transportation%20Benefit%20Area%20Formation%20Process%20Guidebook.pdf">https://wsdot.wa.gov/sites/default/files/2023-02/Public%20Transportation%20Benefit%20Area%20Formation%20Process%20Guidebook.pdf</a>
- WSDOT (Washington State Department of Transportation). 2025a. WSDOT Planning Study Guidance. Accessed February 3, 2025. <a href="https://wsdot.wa.gov/engineering-standards/planning-guidance/planning-study-guidance/planning-guida
- WSDOT (Washington State Department of Transportation). 2025b. Annual Mileage and Travel Information.

  Accessed November 7, 2024. <a href="https://wsdot.wa.gov/about/transportation-data/travel-data/annual-mileage-and-travel-information">https://wsdot.wa.gov/about/transportation-data/travel-data/annual-mileage-and-travel-information</a>
- WTSC (Washington Traffic Safety Commission). 2024. State of the State: Washington Traffic Fatalities. Brief No. 11. May 2024. Accessed November 7, 2024. <a href="https://wtsc.wa.gov/wp-content/uploads/2024/06/11">https://wtsc.wa.gov/wp-content/uploads/2024/06/11</a> State-of-the-State <a href="https://www.may.2024.pdf">May.2024.pdf</a>

### Section 3.11 – Public Services and Utilities

- AESD (Association of Educational Service Districts). Not dated. Our Educational Service Districts. Accessed February 2025. <a href="https://www.waesd.org/about-us/esds/">https://www.waesd.org/about-us/esds/</a>
- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed February 2025. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>

American Rivers. Not dated. Columbia River. Accessed February 2025. <a href="https://www.americanrivers.org/">https://www.americanrivers.org/</a> river/columbia-river/

- BLS (U.S. Bureau of Labor Statistics). 2023. May 2023 State Occupational Employment and Wage Estimates Washington. Accessed February 2025. <a href="https://www.bls.gov/oes/2023/may/oes\_wa.htm#29-0000">https://www.bls.gov/oes/2023/may/oes\_wa.htm#29-0000</a>
- BPA (Bonneville Power Administration). 2001. The Columbia River System Inside Story. April 2021. Accessed February 2025. <a href="https://www.bpa.gov/-/media/Aep/power/hydropower-data-studies/columbia\_river\_inside\_story.pdf">https://www.bpa.gov/-/media/Aep/power/hydropower-data-studies/columbia\_river\_inside\_story.pdf</a>
- Deloitte. 2020. Trust Land Portfolio Evaluation. Prepared for Washington State Department of Natural Resources. September 30, 2020. Accessed February 2025. https://www.dnr.wa.gov/publications/em\_trustassessment\_entire.pdf
- DOE (U.S. Department of Energy). 2015. State of Washington Energy Sector Risk Profile. Accessed February 2025. https://www.energy.gov/sites/prod/files/2015/05/f22/WA-Energy%20Sector%20Risk%20Profile.pdf
- DOE (U.S. Department of Energy). Not dated. Transmission Siting and Permitting Efforts. Accessed February 2025. https://www.energy.gov/gdo/transmission-siting-and-permitting-efforts
- Ecology (Washington State Department of Ecology). 2021. The Sate Solid and Hazardous Waste Plan. December 2021. Accessed February 2025. <a href="https://apps.ecology.wa.gov/publications/documents/2104050.pdf">https://apps.ecology.wa.gov/publications/documents/2104050.pdf</a>
- Ecology (Washington State Department of Ecology). 2024a. Ecology Proposes Rulemaking on Electricity

  Markets. June 8, 2024. Accessed February 2025. <a href="https://ecology.wa.gov/about-us/who-we-are/news/2024-news-stories/june-28-electricity-markets-rule-proposal#:~:text=As%20centralized%20electricity%20markets%20continue,rulemaking%20can%20be%20found%20online</a>
- Ecology (Washington State Department of Ecology). 2024b. Waste in Washington. November 4, 2024. Accessed February 2025. https://storymaps.arcgis.com/stories/81f7dfd33e204263b2a8cd3014b14ed4
- Ecology (Washington State Department of Ecology). Not dated. What is Wastewater? Accessed February 2025. https://ecology.wa.gov/Water-Shorelines/Water-quality/Wastewater
- EIA (U.S. Energy Information Administration). 2024. Washington State Profile and Energy Estimates. Last Updated April 18, 2024. Accessed February 2025. <a href="https://www.eia.gov/state/analysis.php?sid=WA">https://www.eia.gov/state/analysis.php?sid=WA</a>
- NWPCC (Northwest Power and Conservation Council). 2024. Council Briefings: NW Sets Summer Record for Peak Power Demand & an Update on the Western Resource Adequacy Program. September 18, 2024. Accessed February 2025. <a href="https://www.nwcouncil.org/news/2024/09/18/july-heatwave-western-resource-adequacy-program-update/">https://www.nwcouncil.org/news/2024/09/18/july-heatwave-western-resource-adequacy-program-update/</a>
- NWPCC (Northwest Power and Conservation Council). 2025. Transmission. Accessed February 2025. https://www.nwcouncil.org/reports/columbia-river-history/transmission/
- Solar Washington. Not dated. Utilities in Washington. Accessed February 2025. <a href="https://www.solarwa.org/utilities\_washington\_state">https://www.solarwa.org/utilities\_washington\_state</a>

U.S. Department of Justice. 2022. Census of State and Local Law Enforcement Agencies, 2018 – Statistical Tables. October 2022. Accessed February 2025. <a href="https://bjs.ojp.gov/sites/g/files/xyckuh236/files/media/document/csllea18st.pdf">https://bjs.ojp.gov/sites/g/files/xyckuh236/files/media/document/csllea18st.pdf</a>

- U.S. Fire Administration. 2025. Washington Fire Loss and Fire Department Profile. Page last reviewed January 1, 2025. Accessed February 2025. <a href="https://www.usfa.fema.gov/statistics/states/washington.html">https://www.usfa.fema.gov/statistics/states/washington.html</a>
- UTC (Washington Utilities and Transportation Commission). 2022a. Companies. Accessed February 2025. https://www.utc.wa.gov/companies?&exposed\_select\_industry=564
- UTC (Washington Utilities and Transportation Commission). 2022b. Pipeline Operators by County. Accessed February 2025. https://www.utc.wa.gov/pipeline-operators-county
- Washington State Department of Health. Not dated. Directory of Washington Hospitals. Accessed February 2025. https://doh.wa.gov/sites/default/files/legacy/Documents/2300/HospPatientData/HospDirPrint.pdf
- WPUDA (Washington Public Utility Districts Association). Not dated (a). Frequently Asked Questions. Accessed February 2025. <a href="https://www.wpuda.org/faqs">https://www.wpuda.org/faqs</a>
- WPUDA (Washington Public Utility Districts Association). Not dated (b). Water PUD Map. Accessed February 2025. https://www.wpuda.org/water
- Washington Secretary of State. 2023. Summary of Service. Accessed February 2025. https://www2.sos.wa.gov/\_assets/library/libraries/libdev/downloads/statistics/23stats/summary.pdf
- Washington State Department of Health. Not dated. Drinking Water and Climate Change. Accessed February 2025. https://doh.wa.gov/community-and-environment/climate-and-health/drinking-water.
- Washington State Department of Labor & Industries. Not dated. Electrical Utility Providers. Accessed February 2025. <a href="https://lni.wa.gov/licensing-permits/electrical/electrical-installation-information/electrical-utility-providers">https://lni.wa.gov/licensing-permits/electrical/electrical-installation-information/electrical-utility-providers</a>

# Section 3.12 - Visual Quality

- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers.

  Accessed February 18, 2025. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- BLM (U.S. Department of the Interior, Bureau of Land Management). Not dated. Federal Agency Visual Impact Mitigation Guidance. Accessed February 18, 2025. https://blmwyomingvisual.anl.gov/mitigation/federal/index.cfm
- BLM (U.S. Department of the Interior, Bureau of Land Management). 1986. Visual Contrast Rating (Bureau of Land Management Manual Handbook H-8431-1). Washington, D.C. Accessed February 18, 2025. <a href="https://www.blm.gov/sites/blm.gov/files/program\_recreation\_visual%20resource%20management\_quick%20link\_BLM%20Handbook%20H-8431-1%2C%20Visual%20Resource%20Contrast%20Rating.pdf">https://www.blm.gov/sites/blm.gov/files/program\_recreation\_visual%20resource%20management\_quick%20link\_BLM%20Handbook%20H-8431-1%2C%20Visual%20Resource%20Contrast%20Rating.pdf</a>
- BLM (U.S. Department of the Interior, Bureau of Land Management). 2013. Best Management Practices for Reducing Visual Impacts of Renewable Energy Facilities on BLM-Administered Lands. https://blmwyomingvisual.anl.gov/docs/BLM\_RenewableEnergyVisualBMPs\_LowRes.pdf

BOEM (U.S. Bureau of Ocean and Energy Management). 2021. Seascape, Landscape, and Visual Impact Assessment (SLVIA). Argonne National Laboratory, Lemont, Illinois. Accessed February 18, 2025. <a href="https://www.boem.gov/sites/default/files/documents/environment/environmental-studies/BOEM-2021-032.pdf">https://www.boem.gov/sites/default/files/documents/environment/environmental-studies/BOEM-2021-032.pdf</a>

- CIE (Commission Internationale de l'Eclairage). 2017. Technical Report: Guide on the Limitation of the Effects of Obtrusive Light from Outdoor Installations. Vienna, Austria. CIE 150.
- Department for Energy Security and Net Zero. 2023. National Policy Statement for Electricity Networks Infrastructure (EN-5). Accessed February 18, 2025. <a href="https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/1147384/NPS\_EN-5.pdf">https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/1147384/NPS\_EN-5.pdf</a>
- Donaldson, J. J. Not dated. Mitigating Visual Impacts of Utility-Scale Energy Projects. U.S. Department of Agriculture. Accessed February 18, 2025. <a href="https://www.fs.usda.gov/nrs/pubs/gtr/gtr-nrs-p-183papers/23-donaldson-VRS-gtr-p-183.pdf">https://www.fs.usda.gov/nrs/pubs/gtr/gtr-nrs-p-183papers/23-donaldson-VRS-gtr-p-183.pdf</a>
- ExperienceOlympia.com. 2025. Best Outdoor Adventures along the Thurston Bountiful Byway. Accessed February 18, 2025. <a href="https://www.experienceolympia.com/blog/best-outdoor-adventures-along-the-thurston-bountiful-byway/#afternoon-biking-with-cookie-pit-stop">https://www.experienceolympia.com/blog/best-outdoor-adventures-along-the-thurston-bountiful-byway/#afternoon-biking-with-cookie-pit-stop</a>
- GO ASTRONOMY. 2025. WA Dark Sky Places. Accessed February 18, 2025. <a href="https://www.go-astronomy.com/dark-sky-parks-stargazing-state.php?State=WA">https://www.go-astronomy.com/dark-sky-parks-stargazing-state.php?State=WA</a>
- Landscape Institute. 2002. Guidelines for Landscape and Visual Impact Assessment, 2nd edition. New York, NY: Spon Press, Taylor and Francis Group. Accessed February 18, 2025. <a href="https://inquiry.leedstrolleybus.org/wp-content/uploads/2015/06/Guidelines-for-Landscape-and-Visual-Impact-Assessment-2nd Edition-The-Landscape-Institute.pdf">https://inquiry.leedstrolleybus.org/wp-content/uploads/2015/06/Guidelines-for-Landscape-and-Visual-Impact-Assessment-2nd Edition-The-Landscape-Institute.pdf</a>
- NWSRS (National Wild and Scenic Rivers System). Not dated. Accessed February 18, 2025. https://www.rivers.gov/washington
- Scott, Douglas. Not dated. Take a Drive along the Ultimate Columbia River Gorge Loop. ClarkCounty Talk. Accessed February 18, 2025. <a href="https://clarkcountytalk.com/2017/11/08/take-drive-along-ultimate-columbia-river-gorge-loop/">https://clarkcountytalk.com/2017/11/08/take-drive-along-ultimate-columbia-river-gorge-loop/</a>
- State of Washington. 2025. Scenic Byways. Accessed February 18, 2025. <a href="https://stateofwatourism.com/scenic-byways/">https://stateofwatourism.com/scenic-byways/</a>
- Sullivan, R., N. Glines-Bovio, K.N. Rogers, J.H. McCarty, D. Korzilius, and H. Hartmann. 2023. Night Sky and Dark Environments: Best Management Practices for Artificial Light at Night on BLM-Managed Lands. Tech Note 457. U.S. Department of the Interior, Bureau of Land Management, National Operations Center, Denver, Colorado. Accessed February 18, 2025. <a href="https://bjspark.com/BLM/index.html">https://bjspark.com/BLM/index.html</a>
- USDOT (U.S. Department of Transportation). 2002. Scenic Byways: A Design Guide for Roadside Improvements. U.S. Department of Transportation Federal Highway Administration Coordinated Federal Lands Highway Technology Implementation Program. Accessed February 18, 2025. http://www.npshistory.com/publications/usfs/scenic-byways-design-guide.pdf

USDOT (U.S. Department of Transportation). Not dated. National Scenic Byways & All-American Roads. Accessed February 18, 2025. https://fhwaapps.fhwa.dot.gov/bywaysp/States/Show/WA

USGS (U.S. Geological Survey). Not dated. Volcanoes of Washington's Cascade Range. Accessed February 18, 2025. https://volcanoes.usgs.gov/vsc/file\_mngr/file-103/5-6-14%20USGS%20CVO%20NIE%20Part%201.pdf

## Section 3.13 - Noise and Vibration

- APHA (American Public Health Association). 2021. Noise as a Public Health Hazard. October 2021. Accessed March 2025. <a href="https://apha.org/policies-and-advocacy/public-health-policy-statements/policy-database/2022/01/07/noise-as-a-public-health-hazard#:~:text=Noise%20is%20defined%20in%20this,definition%2C%20associated%20with%20the%20workplace.
- Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed February 24, 2025. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>
- Bolt Beranek and Newman Inc. 1984. Electric Power Plant Environmental Noise Guide. Edison Electric Institute. Volume 1, 2nd Edition. Cambridge, Massachusetts. <a href="https://www.nrc.gov/docs/ML2004/ML20042B483.pdf">https://www.nrc.gov/docs/ML2004/ML20042B483.pdf</a>
- DOD (U.S. Department of Defense). 2022. Unified Facilities Criteria (UFC) Noise and Vibration Control. UFC 3-450-01. December 8, 2022. Accessed February 24, 2025. <a href="https://www.wbdg.org/FFC/DOD/UFC/ufc\_3\_450\_01\_2022.pdf">https://www.wbdg.org/FFC/DOD/UFC/ufc\_3\_450\_01\_2022.pdf</a>
- EPA (U.S. Environmental Protection Agency). 1974. Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety. Office of Noise Abatement and Control. Washington, DC. Accessed February 24, 2025. https://nepis.epa.gov/Exe/ZyPDF.cgi/2000L3LN.PDF?Dockey=2000L3LN.PDF
- FHWA (Federal Highway Administration). 2017. Roadway Construction Noise Model User Guide. Accessed February 24, 2025. <a href="https://www.fhwa.dot.gov/Environment/noise/construction\_noise/rcnm/rcnm00.cfm">https://www.fhwa.dot.gov/Environment/noise/construction\_noise/rcnm/rcnm00.cfm</a>
- FTA (Federal Transit Administration). 2018. Transit Noise and Vibration Impact Assessment Manual, FTA Report No. 0123. Accessed February 24, 2025. <a href="https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123\_0.pdf">https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123\_0.pdf</a>
- Idaho Power. 2018. Exhibit AA Electric and Magnetic Fields. September 2018. Accessed March 2025. https://www.oregon.gov/energy/facilities-safety/facilities/Facilities%20library/2018-09-28-B2H-ASC-Exhibit-AA.pdf
- IEEE (Institute of Electrical and Electronics Engineers). 2017. IEEE 1829-2017 Guide for Conducting Corona Tests on Hardware for Overhead Transmission Lines and Substations. September 2017. Accessed March 2025. <a href="https://standards.ieee.org/ieee/1829/4966/">https://standards.ieee.org/ieee/1829/4966/</a>
- ISO (International Organization of Standardization). 1993. Attenuation of Sound during Propagation Outdoors, Part 1: Calculation of the Absorption of Sound by the Atmosphere. Geneva, Switzerland: ISO.
- World Population Review. 2024. Washington Cities by Population (2024). Accessed February 24, 2025. https://worldpopulationreview.com/us-cities/washington

## Section 3.14 - Recreation

Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>

- Army MWR. 2024. Washington Military Campgrounds. Accessed September 19, 2024. https://www.armymwr.com/programs-and-services/outdoor-recreation/camping-rv-parks/washington
- BLM (U.S. Department of Interior, Bureau of Land Management). 2016. Policy Guidance for Processing Right-of-Way Applications for High-Voltage Electric Transmission Lines. Permanent IM 2017-002. November 18, 2016. Accessed September 19, 2024. <a href="https://www.blm.gov/policy/permanent-im-2017-002">https://www.blm.gov/policy/permanent-im-2017-002</a>
- DAHP (Washington State Department of Archaeology and Historic Preservation. 2024. Data Downloads. Last updated July 10, 2024. Accessed February 20, 2025. <a href="https://www.nps.gov/subjects/nationalregister/data-downloads.htm">https://www.nps.gov/subjects/nationalregister/data-downloads.htm</a>
- ECONorthwest. 2019. Economic, Environmental, & Social Benefits of Recreational Trails in Washington State.

  October 1, 2019. Accessed August 2024. <a href="https://rco.wa.gov/wp-content/uploads/2020/01/">https://rco.wa.gov/wp-content/uploads/2020/01/</a>

  HikingBikingStudy.pdf
- NPS (National Park Service). Not dated. Washington. Parks. Accessed February 20, 2025. https://www.nps.gov/state/wa/index.htm
- NPS (National Park Service). 2024. National Parks. Accessed August 20, 2024. https://irma.nps.gov/DataStore/Reference/Profile/2224545?Inv=True
- Parks Commission (Washington State Parks and Recreation Commission). 2020. Strategic Plan 2021–2031. September 2020. Accessed August 2024. <a href="https://parks.wa.gov/sites/default/files/2023-10/2020-9%20Strategic%20Plan.pdf">https://parks.wa.gov/sites/default/files/2023-10/2020-9%20Strategic%20Plan.pdf</a>
- RCO (Washington State Recreation and Conservation Office). 2019. Recreational Assets of Statewide Significance in Washington State Study Report. September 30, 2019. Accessed September 19, 2024. https://rco.wa.gov/wp-content/uploads/2019/10/RecAssetStateSignificance.pdf
- RCO (Washington State Recreation and Conservation Office). 2023. 2023 Recreation and Conservation Plan. Accessed July 2024. <a href="https://rco.wa.gov/wp-content/uploads/2023/07/SCORPExecSummary.pdf">https://rco.wa.gov/wp-content/uploads/2023/07/SCORPExecSummary.pdf</a>
- RCO (Washington State Recreation and Conservation Office). 2024. Investing in Washington's Great Outdoors. Accessed August 2024. <a href="https://rco.wa.gov/">https://rco.wa.gov/</a>
- Van Deynze, B. 2024. Fishing, Hunting, and Wildlife-Associated Recreation in Washington: Participation and Expenditures in 2022. Washington Department of Fish and Wildlife, Olympia, Washington. January 18, 2024. Accessed August 2024. <a href="https://wdfw.wa.gov/sites/default/files/publications/02466/wdfw02466.pdf">https://wdfw.wa.gov/sites/default/files/publications/02466/wdfw02466.pdf</a>
- Washington State Department of Commerce. 2021. Energy Facility Siting in Washington: Projects, Strategies and Resources. August 2021. Accessed September 19, 2024. <a href="https://www.commerce.wa.gov/wp-content/uploads/2021/09/Energy-Facility-Projects-Strategies-and-Resources\_Aug-2021.pdf">https://www.commerce.wa.gov/wp-content/uploads/2021/09/Energy-Facility-Projects-Strategies-and-Resources\_Aug-2021.pdf</a>
- Washington State Parks. Not dated. Winter Recreation Program. Accessed August 2024. https://parks.wa.gov/about/agency/winter-recreation-program

Washington Wild. 2024. Wilderness Designation: Preserving our Lands for Future Generations. Accessed August 2024. <a href="https://wawild.org/protect/wilderness-designation/#:~:text=There%20are%2031%20Wilderness%20areas,and%20Bureau%20of%20Land%20Management">https://wawild.org/protect/wilderness-designation/#:~:text=There%20are%2031%20Wilderness%20areas,and%20Bureau%20of%20Land%20Management</a>

- WDFW (Washington Department of Fish and Wildlife). 2022. Washington Hunters' Attitudes Toward Wildlife and Hunting Management. Conducted for the Washington Department of Fish and Wildlife. Accessed August 2024. <a href="https://wdfw.wa.gov/sites/default/files/2022-08/WA%202022%20Hunter%20Report%202022%2007%2029.pdf">https://wdfw.wa.gov/sites/default/files/2022-08/WA%202022%20Hunter%20Report%202022%2007%2029.pdf</a>
- WDFW (Washington Department of Fish and Wildlife). 2024a. Game Management Planning. Accessed September 19, 2024. https://wdfw.wa.gov/hunting/management/planning
- WDFW (Washington Department of Fish and Wildlife). 2024b. Places to Go Hunting. Accessed August 2024. https://wdfw.wa.gov/hunting/locations
- WDFW (Washington Department of Fish and Wildlife) 2024c. Fishing & Shellfishing. Accessed August 2024. https://wdfw.wa.gov/fishing
- WDFW (Washington Department of Fish and Wildlife). Not dated. Game Management Plan July 2015 June 2021. https://wdfw.wa.gov/sites/default/files/publications/01676/wdfw01676.pdf
- WSPRC (Washington State Parks and Recreation Commission). 2024. PARKS Park Boundaries. Accessed August 20, 2024. https://geo.wa.gov/datasets/wa-stateparks::parks-park-boundaries/about
- WTA (Washington Trails Association). 2024. Hike Washington's National Forests. Accessed September 23, 2024. https://www.wta.org/go-outside/seasonal-hikes/summer-destinations/hike-washingtons-national-forests

#### Section 3.15 – Historic and Cultural Resources

- APA (American Planning Association). 1997. APA Policy Guide on Historic and Cultural Resources. Accessed September 13, 2024. <a href="https://www.planning.org/policy/guides/adopted/historic.htm">https://www.planning.org/policy/guides/adopted/historic.htm</a>
- Artifacts Consulting, Inc. 2008. Heritage Barns: Statewide Survey and Physical Needs Assessment.

  Commissioned by the Washington State Department of Archaeology and Historic Preservation, Olympia, Washington, for the Washington State Heritage Barn Preservation Advisory Committee, June 30, 2008. Accessed August 2024. <a href="https://dahp.wa.gov/sites/default/files/HeritageBarnReport.pdf">https://dahp.wa.gov/sites/default/files/HeritageBarnReport.pdf</a>
- Artifacts Consulting, Inc. 2011. A Maritime Resource Survey for Washington's Saltwater Shores. Washington State Department of Archaeology and Historic Preservation, Olympia, Washington, June 27, 2011. https://dahp.wa.gov/sites/default/files/MaritimeResourcesSurvey 0.pdf
- Artifacts Consulting, Inc. and Past Forward Northwest Cultural Resources. 2011. National Register of Historic Places Multiple Property Documentation Form: Historic Barns of Washington State. United States Department of the Interior, National Park Service, Washington, D.C., September 2011. Accessed August 2024. https://dahp.wa.gov/sites/default/files/HistoricBarns\_ofWAState\_MPD\_0.pdf

Beckham, S. D. 1978. Identifying and Assessing Historical Cultural Resources in the Pacific Northwest (Region 6, U.S.F.S). United States Department of Agriculture (USDA), Forest Service, Pacific Northwest Region, 1978. Accessed September 13, 2024. <a href="https://npshistory.com/publications/usfs/region/6/crm-2.pdf">https://npshistory.com/publications/usfs/region/6/crm-2.pdf</a>

- BPA (Bonneville Power Administration). 2010. Corridors of Power. Historic Context Statement for the Bonneville Power Administration Portland, Oregon, under Master Agreement #38010. Prepared by George Kramer, M. S. Accessed September 13, 2024. <a href="https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/transmission-projects/corridors-of-power.pdf">https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/transmission-projects/corridors-of-power.pdf</a>
- BPA (Bonneville Power Administration). 2020. Manual for Built Resources. May 2020. Accessed September 13, 2024. <a href="https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/transmission-projects/bpa-manual-for-built-resources-report.pdf">https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/transmission-projects/bpa-manual-for-built-resources-report.pdf</a>
- BPA (Bonneville Power Administration). Not dated. Draft Programmatic Agreement among The Bonneville Power Administration, The Oregon State Historic Preservation Office, The Washington State Historic Preservation Office, The Idaho State Historic Preservation Office, The Montana State Historic Preservation Office, And The Advisory Council On Historic Preservation To Address Effects To BPA Transmission Lines. Accessed September 13, 2024. <a href="https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/national-historic-preservation-act-section-106-programmatic-agreement-draft.pdf">https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/national-historic-preservation-act-section-106-programmatic-agreement-draft.pdf</a>
- Bruce, R., C. Holstine, R. H. Krier, and J. B. Barber. 1995. National Register of Historic Places, Multiple Property Documentation Form: Washington State Highway Bridges, 1941-1950. United States Department of the Interior, National Park Service, Washington, D.C., February 1995. Accessed September 13, 2024. <a href="https://npgallery.nps.gov/NRHP/GetAsset/NRHP/64500697\_text">https://npgallery.nps.gov/NRHP/GetAsset/NRHP/64500697\_text</a>
- CEQ and ACHP (Council on Environmental Quality and Advisory Council for Historic Preservation). 2013. NEPA and NHPA: A Handbook for Integrating NEPA and Section 106. Accessed June 2023. <a href="https://www.achp.gov/sites/default/files/2017-02/NEPA\_NHPA\_Section\_106\_Handbook\_Mar2013\_0.pdf">https://www.achp.gov/sites/default/files/2017-02/NEPA\_NHPA\_Section\_106\_Handbook\_Mar2013\_0.pdf</a>
- DAHP (Washington State Office of Archaeology and Historic Preservation). 1989. Built in Washington: 12,000 years of Pacific Northwest Archaeological Sites and Historic Buildings. Pullman Washington: Washington State University Press
- DAHP (Washington State Department of Archaeology and Historic Preservation). 2017. Traditional Cultural Properties (TCPs). Letter signed by Washington State Historic Preservation Officer to DAHP (Department Wide), December 1, 2017. Accessed September 2024. <a href="https://dahp.wa.gov/sites/default/files/2017\_SIGNED\_TCP.pdf">https://dahp.wa.gov/sites/default/files/2017\_SIGNED\_TCP.pdf</a>
- DAHP (Washington State Department of Archaeology and Historic Preservation). Not dated (a). "Thematic/MPD Nominations of the State of Washington." Accessed August 2024. <a href="https://dahp.wa.gov/sites/default/files/THEME\_LIST%20FINAL\_0.pdf">https://dahp.wa.gov/sites/default/files/THEME\_LIST%20FINAL\_0.pdf</a>
- DAHP (Washington State Department of Archaeology and Historic Preservation). Not dated (b). Washington Information System for Architectural and Archaeological Records Data (WISAARD). Accessed January 30, 2025. <a href="https://wisaard.dahp.wa.gov/">https://wisaard.dahp.wa.gov/</a>
- Dougherty, P. 2020. Boldt Decision: *United States v. State of Washington*. HistoryLink.org. Accessed October 15, 2024. https://www.historylink.org/File/21084

EFSEC (Washington Energy Facility Site Evaluation Council). 2022. Transmission Corridors Work Group Final Report. August 1, 2022. Accessed September 12, 2024. <a href="https://www.efsec.wa.gov/sites/default/files/181034/FinalTCWG">https://www.efsec.wa.gov/sites/default/files/181034/FinalTCWG</a> Report%20 2022 0801.pdf

- Garfield, L. and G. Griffith. 1987. National Register of Historic Places Multiple Property Documentation Form: Rural Public Schools in Washington from Early Settlement to 1945. United States Department of the Interior, National Park Service, Washington, D.C. Prepared by Archaeology and Historic Preservation, Olympia, Washington, March 17, 1986. Accessed August 2024. <a href="https://www.historicspokane.org/wp-content/uploads/2015/10/Rural-Public-Schools-in-WA-1987.pdf">https://www.historicspokane.org/wp-content/uploads/2015/10/Rural-Public-Schools-in-WA-1987.pdf</a>
- Kramer, G. 1992. U.S. Department of the Interior National Parks Service National Register of Historic Places Multiple Property Documentation Form. Bonneville Power Administration [BPA] Pacific Northwest Transmission System. March 1992. Accessed September 13, 2024. <a href="https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/transmission-projects/multiple-property.pdf">https://www.bpa.gov/-/media/Aep/environmental-initiatives/cultural-resources/transmission-projects/multiple-property.pdf</a>
- NPS (National Park Service). 2023. National Register Bulletin: Identifying, Evaluating, and Documenting Traditional Cultural Places (DRAFT). United States Department of the Interior, National Park Service, Cultural Resources, Partnerships, and Science, Washington, D.C., November 6, 2023. Accessed September 2024. <a href="https://parkplanning.nps.gov/showFile.cfm?sfid=697992&projectID=107663">https://parkplanning.nps.gov/showFile.cfm?sfid=697992&projectID=107663</a>
- NPS (National Park Service). 2024. National Historic Landmarks. List of NHLs by State. October 9, 2024. Accessed October 14, 2024. <a href="https://www.nps.gov/subjects/nationalhistoriclandmarks/list-of-nhls-by-state.htm">https://www.nps.gov/subjects/nationalhistoriclandmarks/list-of-nhls-by-state.htm</a>
- Soderberg, L. 1982. National Register of Historic Places Inventory Nomination Form: Historic Bridges and Tunnels in Washington State Thematic Resources. United States Department of the Interior, National Park Service, Washington, D.C., 1980. Accessed September 13, 2024. <a href="https://npgallery.nps.gov/NRHP/GetAsset/NRHP/64000902\_text">https://npgallery.nps.gov/NRHP/GetAsset/NRHP/64000902\_text</a>
- Soderberg, L. 1988. National Register of Historic Places Multiple Property Documentation Form: Hydroelectric Power Plants in Washington State, 1890-1938. United States Department of the Interior, National Park Service, Washington, D.C., 1988. Accessed August 2024. <a href="https://npgallery.nps.gov/NRHP/GetAsset/43391db0-2ead-433d-a77b-02a8fdfa250d">https://npgallery.nps.gov/NRHP/GetAsset/43391db0-2ead-433d-a77b-02a8fdfa250d</a>
- Swope, C. T. 2005. Classic Houses of Seattle: High Style to Vernacular, 1870-1950. Portland, Oregon: Timber Press, Inc.
- WAPA (Western Area Power Administration). 2015. BLM National NEPA Register. TransWest Express
  Transmission Project, Final Environmental Impact Statement. U.S. Department of the Interior, Bureau of Land Management, Wyoming State Office. Accessed September 13, 2024.

  <a href="https://eplanning.blm.gov/eplanning-ui/project/65198/570">https://eplanning.blm.gov/eplanning-ui/project/65198/570</a>

## Section 3.16 - Socioeconomics

Americans for a Clean Energy Grid. 2023. Recommended Siting Practices for Electric Transmission Developers. Accessed September 16, 2024. <a href="https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf">https://cleanenergygrid.org/wp-content/uploads/2023/02/Recommended-Siting-Practices-for-Electric-Transmission-Developers-ACEG-February-2023.pdf</a>

Associated General Contractors of America. 2024. Construction Outlook Washington Survey Results. Accessed August 30, 2024. <a href="https://www.agc.org/sites/default/files/users/user21902/2024\_Outlook\_Washington\_FINAL.pdf">https://www.agc.org/sites/default/files/users/user21902/2024\_Outlook\_Washington\_FINAL.pdf</a>

- Bank of America Global Research. 2024. Global Energy Weekly. Accessed September 16, 2024. https://rsch.baml.com/access?q=cdtyt3g8dmw&ps=true&pv=validated
- BEA (Bureau of Economic Analysis). 2024a. Gross Domestic Product by State and Personal Income by State, 2nd Quarter 2024. Accessed August 30, 2024. https://www.bea.gov/data/gdp/gdp-state
- BEA (Bureau of Economic Analysis). 2024b. GDP by County, Metro, and Other Areas. Accessed August 30, 2024. https://www.bea.gov/data/gdp/gdp-county-metro-and-other-areas
- BLS (Bureau of Labor Statistics). 2024a. Quarterly Census of Employment and Wages. Accessed September 30, 2024. https://www.bls.gov/cew/about-data/location-quotients-explained.htm
- BLS (Bureau of Labor Statistics). 2024b. State and Area Employment, Hours, and Earnings, Washington, 2024. Accessed August 30, 2024. <a href="https://data.bls.gov/timeseries/">https://data.bls.gov/timeseries/</a> SMS53000002000000001?amp%253bdata\_tool=XGtable&output\_view=data&include\_graphs=true
- Brattle Group, Inc. and Grid Strategies, LLC. 2021. Transmission Planning for the 21st Century: Proven Practices That Increase Value and Reduce Costs. Accessed October 18, 2024. <a href="https://acore.org/wp-content/uploads/2021/10/Transmission-Planning-for-the-21st-Century.pdf">https://acore.org/wp-content/uploads/2021/10/Transmission-Planning-for-the-21st-Century.pdf</a>
- CDC (Centers for Disease Control and Prevention). 2023. Glossary of Terms. Accessed October 17, 2024. https://www.cdc.gov/dhdsp/health\_equity/glossary.htm
- CEQ (Council on Environmental Quality). 1997. Environmental Justice Guidance under the National Environmental Policy Act. Accessed September 3, 2024. <a href="https://www.energy.gov/sites/default/files/nepapub/nepa\_documents/RedDont/G-CEQ-EJGuidance.pdf">https://www.energy.gov/sites/default/files/nepapub/nepa\_documents/RedDont/G-CEQ-EJGuidance.pdf</a>
- CEQ (Council on Environmental Quality). 2022. Climate and Economic Justice Screening Tool: Frequently Asked Questions. Accessed March 2025. <a href="https://bidenwhitehouse.archives.gov/wp-content/uploads/2022/02/CEQ-CEJST-QandA.pdf">https://bidenwhitehouse.archives.gov/wp-content/uploads/2022/02/CEQ-CEJST-QandA.pdf</a>
- CEQ (Council on Environmental Quality). 2024. Climate and Economic Justice Screening Tool (CEJST) Technical Support Document. Accessed March 2025.

  <a href="https://dataverse.harvard.edu/file.xhtml?fileId=10764777&version=1.1">https://dataverse.harvard.edu/file.xhtml?fileId=10764777&version=1.1</a>
- Data Center Map. Not dated. Washington Data Centers. Accessed January 10, 2025. https://www.datacentermap.com/usa/washington/
- Dgtl Infra. 2024. Data Center Power: A Comprehensive Overview of Energy. Accessed August 30, 2024. https://dgtlinfra.com/data-center-power/
- DOC (Washington State Department of Commerce). 2025. Clean Energy Transformation Act (CETA). March 17, 2025. Accessed March 2025. <a href="https://www.commerce.wa.gov/energy-policy/electricity-policy/ceta/">https://www.commerce.wa.gov/energy-policy/electricity-policy/ceta/</a>
- DOC (Washington State Department of Commerce). Not dated. Accessibility Statement. Accessed November 22, 2024. https://choosewashingtonstate.com/accessibility/

DOE (U.S. Department of Energy). 2017. Guide to Advancing Opportunities for Community Benefits through Energy Project Development. Accessed October 18, 2024. <a href="https://www.energy.gov/sites/prod/files/2017/09/f36/CBA%20Resource%20Guide.pdf">https://www.energy.gov/sites/prod/files/2017/09/f36/CBA%20Resource%20Guide.pdf</a>

- DOE (U.S. Department of Energy). 2018. Low-Income Household Energy Burden Varies Among States Efficiency Can Help In All of Them. December 2018. Accessed March 2025. https://www.energy.gov/sites/prod/files/2019/01/f58/WIP-Energy-Burden\_final.pdf
- DOE (U.S. Department of Energy). 2024a. National Transmission Planning Study. Accessed October 18, 2024. <a href="https://www.energy.gov/sites/default/files/2024-10/NationalTransmissionPlanningStudy-ExecutiveSummary.pdf">https://www.energy.gov/sites/default/files/2024-10/NationalTransmissionPlanningStudy-ExecutiveSummary.pdf</a>
- DOE (U.S. Department of Energy). 2024b. LEAD Tool, Energy Burden in Washington. Accessed August 30, 2024. https://www.energy.gov/scep/slsc/lead-tool
- DOH (Washington State Department of Health). 2022. Washington Environmental Health Disparities Map Technical Report. July 2022. Accessed March 2025. <a href="https://doh.wa.gov/sites/default/files/2022-07/311-011-EHD-Map-Tech-Report\_0.pdf">https://doh.wa.gov/sites/default/files/2022-07/311-011-EHD-Map-Tech-Report\_0.pdf</a>
- DOH (Washington State Department of Health). 2024. Environmental Justice Assessment Report. November 2023. Accessed March 2025. <a href="https://doh.wa.gov/sites/default/files/2024-06/300-048.pdf">https://doh.wa.gov/sites/default/files/2024-06/300-048.pdf</a>
- Donalds, S. 2022. Washington State's Roadmap to 100% Clean Energy Leading with Equity and Public Participation. Accessed August 30, 2024. https://www.cesa.org/washington-roadmap-to-100-clean-energy/
- Ecology (Washington Department of Ecology). 2024. Layer: Overburdened Communities of Washington State.

  May 2024. Accessed March 2025.

  https://gis.ecology.wa.gov/hosting/rest/services/Hosted/WA OBC May2024/FeatureServer/0
- Ecology (Washington Department of Ecology). Not dated. Climate Commitment Act. Accessed March 2025. https://ecology.wa.gov/Air-Climate/Climate-Commitment-Act#revenueanchor
- EFSEC (Washington Energy Facility Site Evaluation Council). 2022. Transmission Corridors Work Group Final Report. August 2, 2022. Accessed November 8, 2024. <a href="https://www.efsec.wa.gov/sites/default/files/181034/Final\_TCWG\_Report%20\_2022\_0801.pdf">https://www.efsec.wa.gov/sites/default/files/181034/Final\_TCWG\_Report%20\_2022\_0801.pdf</a>
- EIA (U.S. Energy Information Administration). 2024a. Washington State Profile and Energy Estimates, Profile Analysis. Accessed August 30, 2024. https://www.eia.gov/state/analysis.php?sid=WA
- EIA (U.S. Energy Information Administration). 2024b. Retail Electricity Prices Closely Tracked Inflation over the Last 10 Years. Accessed September 16, 2024. <a href="https://www.eia.gov/todayinenergy/detail.php?id=63064">https://www.eia.gov/todayinenergy/detail.php?id=63064</a>
- Environmental Justice Task Force. 2020. Recommendations for Prioritizing EJ in Washington State Government. Accessed December 4, 2024. <a href="https://healthequity.wa.gov/sites/default/files/2022-01/EJTF%20Report\_FINAL%281%29.pdf">https://healthequity.wa.gov/sites/default/files/2022-01/EJTF%20Report\_FINAL%281%29.pdf</a>
- EPA (U.S Environmental Protection Agency). 2024a. Environmental Justice Mapping and Screening Tool EJScreen Technical Documentation for Version 2.3. U.S. Environmental Protection Agency, Office of Environmental Justice and External Civil Rights. Accessed January 10, 2025. https://www.epa.gov/system/files/documents/2024-07/ejscreen-tech-doc-version-2-3.pdf

EPA (U.S Environmental Protection Agency). 2024b. EJScreen Community Report. Adams County. Accessed September 5, 2024. <a href="https://ejscreen.epa.gov/mapper/">https://ejscreen.epa.gov/mapper/</a>

- EPA (U.S Environmental Protection Agency). 2024c. EJScreen Community Report. Chelan County. Accessed September 5, 2024. https://ejscreen.epa.gov/mapper/
- EPA (U.S Environmental Protection Agency). 2024d. EJScreen Community Report. Grant County. Accessed September 5, 2024. <a href="https://ejscreen.epa.gov/mapper/">https://ejscreen.epa.gov/mapper/</a>
- EPA (U.S Environmental Protection Agency). 2024e. EJScreen Community Report. Okanogan County. Accessed September 5, 2024. https://ejscreen.epa.gov/mapper/
- EPA (U.S Environmental Protection Agency). 2024f. EJScreen Community Report. Yakima County. Accessed September 5, 2024. <a href="https://ejscreen.epa.gov/mapper/">https://ejscreen.epa.gov/mapper/</a>
- ESD (Washington State Employment Security Department). Not dated (a). Projections. Accessed September 16, 2024. https://esd.wa.gov/labormarketinfo/projections
- ESD (Washington State Employment Security Department). Not dated (b). Monthly Employment Report. Accessed September 16, 2024. <a href="https://esd.wa.gov/labormarketinfo/monthly-employment-report">https://esd.wa.gov/labormarketinfo/monthly-employment-report</a>
- NREL (National Renewable Energy Laboratory). 2013. Transmission Line Jobs and Economic Development Impact (JEDI) Model User Reference Guide. Accessed September 30, 2024. https://www.nrel.gov/docs/fy14osti/60250.pdf
- OFM (Office of Financial Management). 2017. Growth Management Act Population Projections for Counties: 2010 to 2040. 2017 Projections. Accessed August 30, 2024. <a href="https://ofm.wa.gov/washington-data-research/population-demographics/population-forecasts-and-projections/growth-management-act-county-projections/growth-management-act-population-projections-counties-2010-2040-0</a>
- OFM (Office of Financial Management). 2024a. Components of Population Change. Accessed August 30, 2024. https://ofm.wa.gov/washington-data-research/statewide-data/washington-trends/population-changes/components-population-change
- OFM (Office of Financial Management). 2024b. Growth Management Act Population Projections for Counties: 2020 to 2050. 2022 Projections. Accessed August 30, 2024. <a href="https://ofm.wa.gov/washington-data-research/population-demographics/population-forecasts-and-projections/growth-management-act-county-projections/growth-management-act-population-projections-counties-2020-2050">https://ofm.wa.gov/washington-data-research/population-demographics/population-forecasts-and-projections/growth-management-act-county-projections/growth-management-act-population-projections-counties-2020-2050</a>
- OFM (Office of Financial Management). 2024c. Annual Comprehensive Financial Report, Management's Discussion and Analysis. Accessed August 30, 2024. <a href="https://ofm.wa.gov/accounting/financial-audit-reports/annual-comprehensive-financial-report">https://ofm.wa.gov/accounting/financial-audit-reports/annual-comprehensive-financial-report</a>.
- PNUCC (Pacific Northwest Utilities Conference Committee). 2024. Northwest Regional Forecast of Power Loads and Resources: August 2024 through July 2034. Accessed August 30, 2024. <a href="https://www.pnucc.org/wp-content/uploads/2024-PNUCC-Northwest-Regional-Forecast-final.pdf">https://www.pnucc.org/wp-content/uploads/2024-PNUCC-Northwest-Regional-Forecast-final.pdf</a>
- PSE (Puget Sound Energy). Not Dated. Open Access Transmission Tariff. Accessed February 2025. https://www.oasis.oati.com/psei/pseidocs/2016-09-01\_pse\_currently\_effective\_oatt.pdf

Raphael D., T. Bryan, J. Mikkonen, and A. Raphael. 2020. Social Determinants of Health: The Canadian Facts - 2nd Edition. Accessed September 4, 2024. https://thecanadianfacts.org/The\_Canadian\_Facts-2nd\_ed.pdf

- Revenue (Washington State Department of Revenue). 2022a. Business and Occupation (B&O) Tax. Accessed August 30, 2024. <a href="https://dor.wa.gov/education/industry-guides/private-mailing-business-tax-guide/business-and-occupation-bo-tax">https://dor.wa.gov/education/industry-guides/private-mailing-business-tax-guide/business-and-occupation-bo-tax</a>
- Revenue (Washington State Department of Revenue). 2022b. Construction Tax Matrix. Accessed August 30, 2024. https://dor.wa.gov/education/industry-guides/construction/construction-tax-matrix
- SIA (The Interorganizational Committee on Guidelines and Principles for Social Impact Assessment). 1994.

  Guidelines and Principles for Social Impact Assessment. Accessed October 18, 2024.

  <a href="https://www.iaia.org/pdf/IAIAMemberDocuments/Publications/Guidelines\_Principles/SIA%20Guide.PDF">https://www.iaia.org/pdf/IAIAMemberDocuments/Publications/Guidelines\_Principles/SIA%20Guide.PDF</a>
- Thuraisingham, Mariel. 2021. An Equitable Transition to 100% Clean Energy in Washington. March 2021. Accessed March 2025. <a href="https://frontandcentered.org/an-equitable-transition-to-100-clean-energy-in-washington/">https://frontandcentered.org/an-equitable-transition-to-100-clean-energy-in-washington/</a>
- U.S. Census Bureau. 2020a. RACE. Decennial Census, DEC Redistricting Data (PL 94-171), Table P1. Accessed August 15, 2024. <a href="https://data.census.gov/table/DECENNIALPL2020.P1?q=P1:">https://data.census.gov/table/DECENNIALPL2020.P1?q=P1:</a>
  RACE&g=040XX00US53\$0500000
- U.S. Census Bureau. 2020b. Hispanic or Latino, and Not Hispanic or Latino by Race. Decennial Census, DEC Demographic and Housing Characteristics, Table P9. Accessed August 15, 2024.

  <a href="https://data.census.gov/table/DECENNIALDHC2020.P9?q=P9: HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE&g=040XX00US53,53\$0500000</a>
- U.S. Census Bureau. 2021. Group Quarters and Housing Unit Estimates Terms and Definitions. Accessed September 3, 2024. https://www.census.gov/programs-surveys/popest/about/glossary/housing.html
- U.S. Census Bureau. 2022a. Poverty Status in the Past 12 Months. American Community Survey, ACS 5-Year Estimates Subject Tables, Table S1701. Accessed August 16, 2024. <a href="https://data.census.gov/table/ACSST5Y2022.S1701?t=Income">https://data.census.gov/table/ACSST5Y2022.S1701?t=Income</a> and Poverty&g=040XX00US53\$0500000
- U.S. Census Bureau. 2022b. Selected Housing Characteristics. American Community Survey, ACS 5-Year Estimates Data Profiles, Table DP04. Accessed September 4, 2024. <a href="https://data.census.gov/table/ACSDP5Y2022.DP04?q=median home value &g=040XX00US53,53\$0500000">https://data.census.gov/table/ACSDP5Y2022.DP04?q=median home value &g=040XX00US53,53\$0500000</a>
- U.S. Census Bureau. 2023. Urban and Rural. Accessed October 22, 2024. <a href="https://www.census.gov/programs-surveys/geography/guidance/geo-areas/urban-rural.html">https://www.census.gov/programs-surveys/geography/guidance/geo-areas/urban-rural.html</a>
- U.S. Department of Health and Human Services. Not dated (a). Social Cohesion. Accessed January 29, 2025. <a href="https://odphp.health.gov/healthypeople/priority-areas/social-determinants-health/literature-summaries/social-cohesion#:~:text=Social%20cohesion%20refers%20to%20the,9</a>
- U.S. Department of Health and Human Services. Not dated (b). Social Determinants of Health. Accessed December 4, 2024. <a href="https://health.gov/healthypeople/objectives-and-data/social-determinants-health">https://health.gov/healthypeople/objectives-and-data/social-determinants-health</a>
- U.S. Department of Labor. 2024. The Employment Situation September 2024. Accessed October 22, 2024. <a href="https://www.bls.gov/news.release/pdf/empsit.pdf">https://www.bls.gov/news.release/pdf/empsit.pdf</a>

U.S. Treasury Department. 2010. An Economic Analysis of Infrastructure Investment. Accessed January 28, 2025. <a href="https://home.treasury.gov/system/files/226/">https://home.treasury.gov/system/files/226/</a>
An\_Economic\_Analysis\_of\_Infrastructure\_Investment\_OCT2010.pdf

UTC (Washington Utilities and Transportation Commission). 2018. About Energy Rates. Accessed September 16, 2024. https://www.commerce.wa.gov/wp-content/uploads/2018/05/UTC-About-Energy-Rates-May18.pdf

# 6.5 Chapter 4 – Cumulative Impacts

- Bonneville Power Administration. Not Dated. Shelton-Fairmount No 1 Transmission Line Rebuild Project (DOE/EA-2224). Accessed 2025. <a href="https://www.bpa.gov/learn-and-participate/public-involvement-decisions/project-reviews/shelton-fairmount-no-1-transmission-line-rebuild-project">https://www.bpa.gov/learn-and-participate/public-involvement-decisions/project-reviews/shelton-fairmount-no-1-transmission-line-rebuild-project</a>
- City of Cle Elum. 2025. Bullfrog Flats Development. Accessed 2025. <a href="https://cleelum.gov/city-services/planning/bullfrog-flats-development/">https://cleelum.gov/city-services/planning/bullfrog-flats-development/</a>
- City of Spokane Valley. Not dated. Future Spokane Valley Cross Course. Accessed 2025. https://spokanevalleywa.gov/692/Future-Spokane-Valley-Cross-Course
- Chehalis Basin Strategy. 2024. State Environmental Review of Proposed Chehalis River Basin Flood Damage Reduction Project. Accessed 2025. <a href="https://chehalisbasinstrategy.com/sepa-process/">https://chehalisbasinstrategy.com/sepa-process/</a>
- Chelan County Community. 2020. Master Planned Resort Overlay and Development Agreement Application.

  Accessed 2025. <a href="https://www.co.chelan.wa.us/files/community-development/documents/Mission%20Ridge/02%20Revised%20Project%20Narrative%20-%2020200116.pdf">https://www.co.chelan.wa.us/files/community-development/documents/Mission%20Ridge/02%20Revised%20Project%20Narrative%20-%2020200116.pdf</a>
- Columbia River Ports. Not Dated. Lower Columbia River Channel Maintenance Plan. Accessed 2025.

  <a href="https://www.lcrports.com/#:~:text=The%20Corps%20and%20five%20lower%20Columbia%20River%20ports%20are%20developing">https://www.lcrports.com/#:~:text=The%20Corps%20and%20five%20lower%20Columbia%20River%20ports%20are%20developing</a>
- County of Benton, Washington, Community Development Department. 2024. Exhibit List for CUP 2024-004 JUB Engineers For Interstate Concrete And Asphalt Hospital Quarry. Accessed 2025. <a href="https://bentoncountywa.municipalone.com/files/documents/CUP2024-004JUBEngineersforInterstatagenda131281406041824-015241PMc.pdf">https://bentoncountywa.municipalone.com/files/documents/CUP2024-004JUBEngineersforInterstatagenda131281406041824-015241PMc.pdf</a>
- East Columbia Basin Irrigation District. 2024. East Columbia Basin Irrigation District Breaks Ground on Second Odessa Groundwater Replacement Program System. Accessed 2025. <a href="https://ecbid.org/east-columbia-basin-irrigation-district-breaks-ground-on-second-odessagroundwater-replacement-program-system/">https://ecbid.org/east-columbia-basin-irrigation-district-breaks-ground-on-second-odessagroundwater-replacement-program-system/</a>
- Ecology (Washington State Department of Ecology). 2024. State Environmental Policy Act Draft Programmatic Environmental Impact Statement for Utility-Scale Solar Energy Facilities in Washington State. September 2024. Accessed February 2025. <a href="https://apps.ecology.wa.gov/publications/SummaryPages/2406011.html">https://apps.ecology.wa.gov/publications/SummaryPages/2406011.html</a>
- Ecology (Washington State Department of Ecology). 2024. State Environmental Policy Act Draft Programmatic Environmental Impact Statement for Utility-Scale Solar Energy Facilities in Washington State. September 2024. Accessed February 2024. <a href="https://apps.ecology.wa.gov/publications/SummaryPages/2406011.html">https://apps.ecology.wa.gov/publications/SummaryPages/2406011.html</a>

Ecology (Washington State Department of Ecology). 2025. State Environmental Policy Act Draft Programmatic Environmental Impact Statement for Green Hydrogen Energy Facilities in Washington State. January 2025. Accessed February 2025. <a href="https://apps.ecology.wa.gov/publications/SummaryPages/2406028.html">https://apps.ecology.wa.gov/publications/SummaryPages/2406028.html</a>

- Ecology (Washington State Department of Ecology). Not dated. Wildfire Risks Caused by Climate Change. Accessed September 30, 2024. <a href="https://ecology.wa.gov/air-climate/responding-to-climate-change/wildfire-risks">https://ecology.wa.gov/air-climate/responding-to-climate-change/wildfire-risks</a>.
- Ecology (Washington State Department of Ecology). Not dated. Eightmile Dam rebuild & restoration. Accessed 2025. <a href="https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-supply-projects-EW/Icicle-Creek-strategy/Eightmile-Dam">https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-supply-projects-EW/Icicle-Creek-strategy/Eightmile-Dam</a>.
- EPA (U.S. Environmental Protection Agency). 2024. Sulfur Hexafluoride (SF6) Basics. Accessed August 20, 2024. https://www.epa.gov/eps-partnership/sulfur-hexafluoride-sf6-basics
- Forest Service, U.S. Department of Agriculture. Not Dated. Tonata-Trout Project. Accessed 2025. https://www.fs.usda.gov/project/colville/?project=65138
- Grant County Washington. Not Dated. Appledale Energy Center, LLC Conditional Use Permit & SEPA Applications. Accessed 2025. <a href="https://www.grantcountywa.gov/1492/Appledale-Energy-Center-LLC">https://www.grantcountywa.gov/1492/Appledale-Energy-Center-LLC</a>
- Grant County Washington. Not Dated. Dry Falls Energy Center, LLC. Applications. Accessed 2025. https://www.grantcountywa.gov/1488/Dry-Falls-Energy-Center-LLC
- Grant County Washington. Not Dated. Quincy Valley Solar, LLC. Applications. Accessed 2025. <a href="https://www.grantcountywa.gov/1491/Quincy-Valley-Solar-LLC">https://www.grantcountywa.gov/1491/Quincy-Valley-Solar-LLC</a>
- Grant PUD. Not Dated. Quincy Transmission Expansion Plan. Accessed 2025. https://www.grantpud.org/qtep
- King County. 2025. Ames Lake Trestle Bridge Replacement Project. Accessed 2025. https://kingcounty.gov/en/dept/local-services/transit-transportation-roads/roads-and-bridges/projects-and-programs/ames-lake-bridge.
- Okaniogan County Washington. 2025. Copperstone Planned Development. Accessed 2025.

  <a href="https://okanogancounty.org/government/planning/projects">https://okanogancounty.org/government/planning/projects</a> plans/copperstone planned development.ph
  <a href="p#outer-5544">p#outer-5544</a>
- Pierce County. Not Dated. FRED 310 Industrial Development. Accessed 2025.

  <a href="https://www.piercecountywa.gov/7639/FRED-310#:~:text=Applications%20to%20develop%20two%20parcels%20consisting%20of%20approximately%20310%20acres">https://www.piercecountywa.gov/7639/FRED-310#:~:text=Applications%20to%20develop%20two%20parcels%20consisting%20of%20approximately%20310%20acres</a>
- Port of Walla Walla. Not Dated. Port of Walla Walla Wallula Gap Business Park. Accessed 2025. http://wgbp.portwallawalla.com/stuff/General%20Information/001-WGBP%20Overview.pdf
- Port of Walla Walla. Not Dated. Wallula Gap Business Park Wallula, Washington. Accessed 2025. https://portwallawalla.com/images/pdf/industrial/PDF\_Sites/Wallula\_Gap\_Business\_Park.pdf
- Puget Sound Energy. 2024. Underground Electric Cable Replacement Program. Accessed 2025. https://www.pse.com/en/pages/pse-projects/underground-electric-cable-replacement-program

- Snohomish County. 2023. Granite Falls Bridge 102 Replacement. Accessed 2025. https://snohomishcountywa.gov/608/Mt-Loop-Hwy-Br-102---Granite-Falls-2026
- Snohomish County. 2023. Sky Valley Sportsman's Park. Accessed 2025. https://www.snohomishcountywa.gov/2706/Sky-Valley-Sportsmans-Park
- Snohomish County. 2024. Thomas' Eddy Restoration Project. Accessed 2025. https://www.snohomishcountywa.gov/5816/Thomas-Eddy-Restoration-Project
- Snohomish County. 2024. Trafton Floodplain Restoration. Accessed 2025. https://www.snohomishcountywa.gov/6143/Trafton-Floodplain-Restoration
- Sound Transit. Not Dated. East Link Extension. Accessed 2025. <a href="https://www.soundtransit.org/system-expansion/east-link-extension#:~:text=Fourteen%20miles%20long%2C%20the%20entire,area%20to%20Redmond%20Technology%20Station.">https://www.soundtransit.org/system-expansion/east-link-extension#:~:text=Fourteen%20miles%20long%2C%20the%20entire,area%20to%20Redmond%20Technology%20Station.</a>
- Spokane City. Not Dated. Make Beacon Hill Public Phase 2. Accessed 2025. https://my.spokanecity.org/parksrec/about/planning/make-beacon-hill-public-phase-2/
- Spokane City. 2024. February 2024 Project Updated. Accessed 2025.

  <a href="https://static.spokanecity.org/documents/parksrec/aboutus/planning/beacon-hill-phase-2/beacon-hill-phase-2-project-information-boards-feb-2024.pdf">https://static.spokanecity.org/documents/parksrec/aboutus/planning/beacon-hill-phase-2/beacon-hill-phase-2-project-information-boards-feb-2024.pdf</a>
- State of Washington Energy Facility Site Evaluation Council. 2023. Carriger Solar Project information. Accessed 2025. <a href="https://www.efsec.wa.gov/energy-facilities-1">https://www.efsec.wa.gov/energy-facilities-1</a>
- State of Washington Energy Facility Site Evaluation Council. 2024. Cascade Renewable Transmission Project.

  Accessed 2025. <a href="https://www.efsec.wa.gov/energy-facilities/cascade-renewable-transmission-project#:~:text=Cascade%20Renewable%20Transmission%20Project%20%7C%20EFSEC,Energy%20Facility%20Site%20Evaluation%20Council</a>
- State of Washington Energy Facility Site Evaluation Council. 2023. Desert Claim. Accessed 2025. https://www.efsec.wa.gov/energy-facilities/desert-claim
- Tri-Cities Airport. 2023. The Port of Pasco and the Tri-Cities Airport host open house for AIM Center. Retrieved Accessed 2025. <a href="https://www.flytricities.com/press-release/the-port-of-pasco-and-the-tri-cities-airport-host-open-house-for-aim-center">https://www.flytricities.com/press-release/the-port-of-pasco-and-the-tri-cities-airport-host-open-house-for-aim-center</a>
- Washington Department of Fish and Wildlife. 2023. Beezley Hills. Accessed 2025. https://wdfw.wa.gov/sites/default/files/2023-11/beezley-hills-2023.pdf.
- Washington Department of Natural Resources. 2024. Federal Funding Secured to Protect 9,700 Acres Adjacent to the Teanaway Community Forest. Accessed 2025. <a href="https://www.dnr.wa.gov/news/federal-funding-secured-protect-9700-acres-adjacent-teanaway-community-forest">https://www.dnr.wa.gov/news/federal-funding-secured-protect-9700-acres-adjacent-teanaway-community-forest</a>
- Washington State Department of Ecology. 2022. Badger Mountain Solar Energy Project. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202201079

Washington State Department of Ecology. 2022. Goldendale Energy Storage Project. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202206265

- Washington State Department of Ecology. 2022. Hop Hills Solar Energy Project. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202203738
- Washington State Department of Ecology. 2022. New Hatton Rezone. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202206264
- Washington State Department of Ecology. 2023. Cedar River Municipal Watershed Forest Management Plan. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202304397
- Washington State Department of Ecology. 2023. Chelatchie Bluff Surface Mine Overlay Annual Review. Accessed 2025. <a href="https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202301565">https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202301565</a>
- Washington State Department of Ecology. 2023. Horse Heaven Wind Farm. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202305223
- Washington State Department of Ecology. 2023. SEPA 2022-34 Walton Rezone. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202300371
- Washington State Department of Ecology. 2023. Tonata-Trout Project Proposal. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202305536
- Washington State Department of Ecology. 2024. 4-0 Ranch Forest Restoration. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202402755
- Washington State Department of Ecology. 2024. Amendment to Riverside State Park Classification and Management Plan (CAMP) to include Glen Tana Property. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404063
- Washington State Department of Ecology. 2024. Buckhorn Project. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403412
- Washington State Department of Ecology. 2024. Conk Timber Sale #106237 . Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202400883
- Washington State Department of Ecology. 2024. Deception Pass State Park OSRSI Rezone. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404362
- Washington State Department of Ecology. 2024. Farmland Reserve Water Bank. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404263
- Washington State Department of Ecology. 2024. Lewisville Mine Expansion. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202304424
- Washington State Department of Ecology. 2024. Flora Park and Cross Country Course (Phase 2). Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404240
- Washington State Department of Ecology. 2024. Fly By Night Timber Sale #106349. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202401378

- Washington State Department of Ecology. 2024. Flying A Land Rezone. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403560
- Washington State Department of Ecology. 2024. Forest Practice Application #3027124. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202402755
- Washington State Department of Ecology. 2024. Forest Practice Application #3027198 Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403251
- Washington State Department of Ecology. 2024. Gibson Rezone. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404594
- Washington State Department of Ecology. 2024. Interstate Bridge Replacement Program. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404445
- Washington State Department of Ecology. 2024. Jungquist Farms Depth of Cover. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404181
- Washington State Department of Ecology. 2024. Kang/Nazarene Church/Lange Rezone. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403895
- Washington State Department of Ecology. 2024. Klondike Timber Sale #106084. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202400452
- Washington State Department of Ecology. 2024. Little White Salmon Forest Resiliency and Fire Risk Mitigation Project. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404334
- Washington State Department of Ecology. 2024. Pasco Gravel Pit Mine. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202401487
- Washington State Department of Ecology. 2024. Pioneer Aggregates South Parcel Mine Expansion. Accessed 2025. <a href="https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403111">https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403111</a>
- Washington State Department of Ecology. 2024. Portrait Timber Sale #106261. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202402784
- Washington State Department of Ecology. 2024. Project Sequoia. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202402545
- Washington State Department of Ecology. 2024. Zone Change Application. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202305547
- Washington State Department of Ecology. 2024. Rocky Pond Comp Plan Amendment, Master Plan Resort.

  Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403621
- Washington State Department of Ecology. 2024. Swift Creek Poultry Farm. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403973
- Washington State Department of Ecology. 2024. Syndrome SWT Timber Sale #106448. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202404319

Washington State Department of Ecology. 2024. US Golden Farm Irrigation Pond. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202403376

- Washington State Department of Ecology. 2024. Wautoma Solar Energy Project. Accessed 2025. https://apps.ecology.wa.gov/separ/Main/SEPA/Record.aspx?SEPANumber=202402596
- Washington Department of Fish and Wildlife. 2022. Fish and Wildlife Commission Presentation Summary Sheet. Accessed 2025. <a href="https://wdfw.wa.gov/sites/default/files/2022-12/4-20221209-lands-2020-summary-sheet-commission.pdf">https://wdfw.wa.gov/sites/default/files/2022-12/4-20221209-lands-2020-summary-sheet-commission.pdf</a>
- Washington Department of Fish and Wildlife. 2022. Hoffstadt Hills Cowlitz County. Accessed 2025. https://wdfw.wa.gov/sites/default/files/2022-10/hoffstadt\_hills.pdf
- Washington Department of Fish and Wildlife. 2022. Wenas Watershed Miracle Mile Yakima County. Accessed 2025. https://wdfw.wa.gov/sites/default/files/2022-10/wenas watershed miracle mile.pdf
- Washington Department of Fish and Wildlife. 2023. Fish and Wildlife Commission Presentation Summary Sheet. Accessed 2025. <a href="https://wdfw.wa.gov/sites/default/files/2023-12/5-lands-2020-summary-sheet-0\_0.pdf">https://wdfw.wa.gov/sites/default/files/2023-12/5-lands-2020-summary-sheet-0\_0.pdf</a>
- Washington Department of Fish and Wildlife. 2023. Scroggie Canyon, Chelan County. Accessed 2025. https://wdfw.wa.gov/sites/default/files/2023-11/scroggie-canyon-2023.pdf
- Washington Department of Fish and Wildlife. 2024. Fish and Wildlife Commission Presentation Summary/Decision Sheet. Accessed 2025. <a href="https://wdfw.wa.gov/sites/default/files/2024-04/5-summary-sheet-land-transaction-41924.pdf">https://wdfw.wa.gov/sites/default/files/2024-04/5-summary-sheet-land-transaction-41924.pdf</a>
- Washington Department of Fish and Wildlife. 2024 Springwood Ranch Yakima Basin Integrated Plan. Accessed 2025. <a href="https://wdfw.wa.gov/sites/default/files/2024-01/springwood-ranch.pdf">https://wdfw.wa.gov/sites/default/files/2024-01/springwood-ranch.pdf</a>
- Washington Department of Fish and Wildlife. Not Dated. Duckabush Estuary Restoration Project. Accessed 2025. <a href="https://wdfw.wa.gov/species-habitats/habitat-recovery/puget-sound/estuary-restoration-projects/duckabush-estuary-restoration-project#details">https://wdfw.wa.gov/species-habitats/habitat-recovery/puget-sound/estuary-restoration-projects/duckabush-estuary-restoration-project#details</a>
- Washington Department of Fish and Wildlife. Not Dated. Duckabush Wildlife Area Unit. Accessed 2025. https://wdfw.wa.gov/places-to-go/wildlife-areas/duckabush-wildlife-area-unit
- Washington Department of Fish and Wildlife. Not Dated. Duckabush Estuary Restoration Project (Presentation). Accessed 2025. https://wdfw.wa.gov/sites/default/files/2024-09/duckabush-open-house-handout.pdf
- Washington State Department of Transportation. Not Dated. I-405/Renton to Bellevue Widening and Express Toll Lanes Project. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/i-405renton-bellevue-widening-and-express-toll-lanes-project">https://wsdot.wa.gov/construction-planning/search-projects/i-405renton-bellevue-widening-and-express-toll-lanes-project</a>
- Washington State Department of Transportation. Not Dated. I-405/SR 167 Corridor Program. Accessed 2025. https://wsdot.wa.gov/construction-planning/major-projects/i-405sr-167-corridor-program
- Washington State Department of Transportation. Not Dated. I-5 East Fork Lewis River NB Bridge Replacement. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/i-5-east-fork-lewis-river-nb-bridge-replacement">https://wsdot.wa.gov/construction-planning/search-projects/i-5-east-fork-lewis-river-nb-bridge-replacement</a>

Washington State Department of Transportation. I-90 – Lewis, W. Village Park, Schneider Creeks – Fish Passage Projects. Not Dated. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/i-90-lewis-w-village-park-schneider-creeks-fish-passage-projects">https://wsdot.wa.gov/construction-planning/search-projects/i-90-lewis-w-village-park-schneider-creeks-fish-passage-projects</a>

- Washington State Department of Transportation. Not Dated. I-90 Sunset Creek Fish Passage. Accessed 2025. https://wsdot.wa.gov/construction-planning/search-projects/i-90-sunset-creek-fish-passage
- Washington State Department of Transportation. Not Dated. North Spokane Corridor. Accessed 2025. https://wsdot.wa.gov/construction-planning/major-projects/north-spokane-corridor
- Washington State Department of Transportation. Not Dated. Puget Sound Gateway Program. Accessed 2025. https://wsdot.wa.gov/construction-planning/major-projects/puget-sound-gateway-program
- Washington State Department of Transportation. Not Dated. SR 155 Spur/Okanogan River Bridge Replacement. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/sr-155-spur-okanogan-river-bridge-replacement">https://wsdot.wa.gov/construction-planning/search-projects/sr-155-spur-okanogan-river-bridge-replacement</a>
- Washington State Department of Transportation. Not Dated. SR 3, SR 16 and SR 166, Gorst Vicinity Remove Fish Barriers. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/sr-3-sr-16-and-sr-166-gorst-vicinity-remove-fish-barriers">https://wsdot.wa.gov/construction-planning/search-projects/sr-3-sr-16-and-sr-166-gorst-vicinity-remove-fish-barriers</a>
- Washington State Department of Transportation. Not Dated. SR 520 Montlake Project. Accessed 2025. https://wsdot.wa.gov/construction-planning/search-projects/sr-520-montlake-project
- Washington State Department of Transportation. Not Dated. SR 520 Portage Bay Bridge and Roanoke Lid Project. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/sr-520-portage-bay-and-roanoke-lid-project">https://wsdot.wa.gov/construction-planning/search-projects/sr-520-portage-bay-and-roanoke-lid-project</a>
- Washington State Department of Transportation. Not Dated. SR 527 Penny Creek Fish Passage. Accessed 2025. https://wsdot.wa.gov/construction-planning/search-projects/sr-527-penny-creek-fish-passage
- Washington State Department of Transportation. Not Dated. SR 9 Marsh Road to 2nd Street Vicinity Widening & Bridge Painting. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/sr-9-marsh-road-2nd-street-vicinity-widening-bridge-painting">https://wsdot.wa.gov/construction-planning/search-projects/sr-9-marsh-road-2nd-street-vicinity-widening-bridge-painting</a>
- Washington State Department of Transportation. Not Dated. US 12 SR 8 Grays Harbor County Fish Passage Barriers Remove Fish Barriers. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/us-12-sr-8-grays-harbor-county-fish-passage-barriers-remove-fish-barriers">https://wsdot.wa.gov/construction-planning/search-projects/us-12-sr-8-grays-harbor-county-fish-passage-barriers-remove-fish-barriers</a>
- Washington State Department of Transportation. Not Dated. US 101 SR 109 Grays Harbor, Jefferson and Clallam Counties Remove Fish Barriers. Accessed 2025. <a href="https://wsdot.wa.gov/construction-planning/search-projects/us-101-sr-109-grays-harbor-jefferson-and-clallam-counties-remove-fish-barriers">https://wsdot.wa.gov/construction-planning/search-projects/us-101-sr-109-grays-harbor-jefferson-and-clallam-counties-remove-fish-barriers</a>
- Washington State Parks. Not Dated. Miller Peninsula State Park Property Planning. Accessed 2025. https://parks.wa.gov/about/strategic-planning-projects-public-input/projects/miller-peninsula-state-park-property-planning
- Whatcom County. 2024. Nielson Campground Project. Accessed 2025. https://www.whatcomcounty.us/4437/Nielson-Campground-Project

NRCS (Natural Resources Conservation Service). 2023. Five projects in Washington to receive \$74.3 million through RCPP. Accessed 2025. <a href="https://www.nrcs.usda.gov/conservation-basics/conservation-by-state/washington/news/five-projects-in-washington-to-receive">https://www.nrcs.usda.gov/conservation-basics/conservation-by-state/washington/news/five-projects-in-washington-to-receive</a>

WDFW (Washington Department of Fish and Wildlife). 2015. Washington's State Wildlife Action Plan: 2015 Update. Washington Department of Fish and Wildlife, Olympia, Washington, USA. <a href="https://wdfw.wa.gov/sites/default/files/publications/01742/wdfw01742.pdf">https://wdfw.wa.gov/sites/default/files/publications/01742/wdfw01742.pdf</a>

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