

DAVID BLAU, FASLA**EDUCATION**

Master of City Planning (Honors), Georgia Institute of Technology, 1970

B.S. (Honors), Landscape Architecture, Pennsylvania State University, 1968

AFFILIATIONS

Fellow, American Society of Landscape Architects

American Planning Association

Association of Environmental Professionals

Association of California Water Agencies

HONORS + AWARDS

Alumni Fellow, Penn State University, elected 2007

AEP National Environmental Excellence Award, 2006—Napa County Baseline Data Project

ASLA Honor Award, 2005—Tuolumne River Regional Park

AEP Excellence Award, 2002—Tuolumne River Regional Park

ASLA Fellow, Elected 1998

ASLA Merit Award, 1995—Everglades Protection Case

ACWA Award, 1993—EBMUD Water Resources Management Plan and EIR

ASLA Honor Award, 1990—Department of Justice U.S. Forest Service Reserved Water Rights Case

ASLA Merit Award, 1987—Guadalupe River Park

CCLA Honor Award, 1985—Guadalupe River Park

CCLA Honor Award, 1983—Siting of Major Facilities

ASLA Merit Award, 1979—Hells Canyon Visual Resource Inventory

ASLA Merit Award, 1979—Visual Sensitivity of River Recreation

AIP Award for Planning Studies

HUD Fellow

ASLA Award for Excellence in the Study of Landscape Architecture

PUBLICATIONS

Co-author of "Siting of Major Facilities," a comprehensive manual for conducting siting studies, written by four EDAW principals and published by McGraw-Hill.

Please see page 5 for additional publications/reports.

David Blau is a landscape architect and environmental planner with extensive experience in conducting visual resource analyses on a wide range of facility types, including power plants, hydroelectric projects, transmission lines, highways, mining operations, and oil and gas facilities. He has served as an expert witness on visual impact and public perception issues, and has won a number of national awards for his work in this area.

PROJECT EXPERIENCE**South Florida Everglades Protection Case, FL****Principal-in-Charge**

CLIENT: U.S. Department of Justice

Provided a bridge of communication between a lay court hearing the case and over fifteen expert witnesses testifying on behalf of the United States. Through a process of group workshops and individual, one-on-one sessions, EDAW interpreted and communicated, with graphic presentations, the environmental issues, the cause-and-effect relationships, the suggested remedy, and the associated implementation and cost implications.

Mono Lake Shoreline Adjudication Case, CA**Expert Witness**

CLIENT: U.S. Department of Justice

Served as the key expert witness for a landmark trial involving the visual perception of lake level changes over time at Mono Lake in California. Mr. Blau directed the six-month pre-trial study program and preparation of visual simulations used as exhibits in the case, and provided the pivotal testimony during the trial.

Visual Impact Analysis for Morro Bay Power Plant Project, CA**Principal-in-Charge**

CLIENT: Duke Energy Services

Conducted visual analysis and land use studies for a proposed 1,200Mw combined cycle power plant to replace an existing PG&E oil-fired plant. Twenty-seven before-and-after computer simulations were prepared as a basis for the analysis and for engineering design considerations. Mr. Blau also served as expert witness as part of the California Energy Commission AFC process.

Visual Impact Analysis for Moss Landing Power Plant Modernization, CA**Principal-in-Charge**

CLIENT: Duke Energy Services

Conducted the visual studies and prepare realistic computer-generated simulations of the proposed plant modifications. A uniquely tailored methodology was developed to quantify the degree of visual change due to both deletions and additions to the existing power plant site.

Visual Impact Analysis for Avenal Power Plant Project, Avenal, CA**Principal-in-Charge**

CLIENT: Duke Energy Services

Prepared visual analysis and simulations for the proposed 600Mw gas-fired power plant in California's Central Valley.

Visual Impact Analysis for South Bay Power Plant Project,**Chula Vista, CA****Principal-in-Charge**

DAVID BLAU, FASLA**CLIENT:** LS Power

Prepared visual analysis and site layout for a proposed combined cycle power plant on an abandoned coastal LNG site just south of San Diego.

Visual and Landscape Analysis, Napa County, CA**Principal-in-Charge****CLIENT:** Napa County

As part of building a comprehensive environmental database for the County, EDAW prepared a landscape assessment of the County's scenic resources. Maps were created depicting scenic roads, viewsheds, and sensitive viewpoints. The supporting report recommended visual resource management guidelines to protect sensitive areas.

Visual Impact Analysis of Lakeville-Sonoma Transmission Line Project, Sonoma County, CA**Principal-in-Charge****CLIENT:** Pacific Gas & Electric Company

Prepared the visual analysis for transmission line connecting two substations across Sonoma County. Simulations were prepared to depict new versus existing conditions for each tower type, right-of-way condition, and substation upgrades.

C&H Sugar Refinery Cogeneration Facility Visual and Socioeconomic Impact Analyses, Crockett, CA**Expert Witness****CLIENT:** Pacific Thermonetics

The assignment included preparation of computer-generated, photo simulations, as well as expert witness testimony before the California Energy Commission as part of the Application for Certification. Extensive work was done with the community relative to component placement on the site, color palette, landscaping, and public access to the waterfront.

Falcon to Gonder Transmission Line Routing Study and EIS, NV**Principal-in-Charge****CLIENT:** Sierra Pacific Power Company

The planning corridors in northeastern Nevada traverse 175 miles and three different BLM districts, requiring close coordination of the scope of biological, cultural, visual and land use studies.

Open-End Environmental Services Contract in Support of FERC, Project Locations Nationwide**Principal-in-Charge****CLIENTS:** Berger, Federal Energy Regulatory Commission

EDAW was responsible for portions of 15 environmental documents for hydroelectric relicensing projects in the southeast and in the northwest. Areas of responsibilities included land management, aesthetics, recreation and terrestrial biology.

Various Transmission Line Routing Projects, TN**Principal-in-Charge****CLIENT:** Tennessee Valley Authority (TVA)

- Since 1995, responsible for all TVA transmission line routing and NEPA compliance work. In addition, EDAW built an automated siting module for use by TVA staff in routing new lines

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SMUD-Sierra Intertie Project Transmission Line Routing Study and EIS, Sacramento, CA

Project Director

CLIENT: Sacramento Municipal Utilities District, Sierra Pacific Power Company
The multi-year \$2.3 million environmental and siting program included comprehensive screening and visual studies for a 95-mile long, 345-kV line between Sacramento, California and Reno, Nevada. .

EI Portal Hydroelectric Project, Merced River, CA

Principal-in-Charge

CLIENT: National Park Service

Responsible for directing the development and application of a unique assessment methodology which utilized video taped study scenes as a medium for gathering public preference data. The assessment of impacts was accomplished by conducting a preference study that investigated the public's judgment of overall river aesthetics under a variety of flow conditions. Video taped scenes captured the movement of water as well as the sound of the river at different flows. Statistical analysis of study data served as the basis for impact identification.

North Umpqua Hydroelectric Project, OR

Principal-in-Charge

CLIENT: PacifiCorp

EDAW's role included tradeoff balancing analysis, visual assessment, recreation studies and special use permitting. Studies included a multi-faceted public use and recreation satisfaction survey to help resolve conflicts among competing resource interests and establish minimum and optimum stream flows and reservoir water levels.

Visual Analysis for Bliss, Lower Salmon Falls and Upper Salmon Falls Hydroelectric Project, ID

Principal-in-Charge

CLIENT: Idaho Power Company

Responsible for design and direction of studies which assessed the potential visual resource impacts from the expansion of existing project facilities. Key issues included degree of visual exposure and visual character of the project as experienced from sensitive viewpoints within the nearby Hagerman Fossil Beds National Monument as well as a proposed National Park Service Visitors Center.

Land Use and Visual Analysis for Outer Continental Shelf Impact Program, Central CA

Principal-in-Charge

CLIENT: U.S. Bureau of Land Management

EDAW responsibility included land use and visual analysis, as well as mapping of sensitive resources and graphic presentation of strip maps for the entire California coastline. The BLM visual management system was used to assess visual quality as well as potential impacts due to both offshore and onshore facilities.

Smith River Wild & Scenic River Management Plan and Refinements to Management Plans for the Van Duzen, Scott and Salmon Rivers, Northern CA

Project Planner

CLIENT: California Department of Fish and Game

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Directed preparation of the Smith River Management Plan under the State Wild and Scenic Rivers program as well as refinements to Management Plans for the Van Duzen, Scott, and Salmon Rivers; the plans included extensive watershed mapping, evaluation of scenic resources, agency and public participation, and detailed management policy plan development.

Landscape Design Component and Visual Analysis of Route 87, San Jose, CA

Principal-in-Charge

CLIENT: City of San Jose Dept. of Public Works

The project included visual analysis, preparation of landscape plans, and integration into the urban design and park planning context along the Guadalupe River in downtown San Jose.

Pittsburg to Antioch BART Extension Study, CA

Principal-in-Charge

CLIENT: San Francisco Bay Area Rapid Transit District

Directed the preparation of the visual analysis component, including preparation of visual simulations of the track extension and station design.

National Nuclear Waste Repository Program Visual Resources Study, TX

Principal-in-Charge

CLIENTS: Battelle and the Department of Energy

The five-year program included state-of-the-art analysis of visual resource impacts, as well as extensive involvement at the local level in assessing public perception and in designing appropriate mitigation techniques.

Pinetree Mine Project Studies, Mariposa, CA

Principal-In-Charge

CLIENT: Goldfield Mining Company

Directed the preparation of visual, land use, and socioeconomic studies for the Pinetree Mine Project, a proposed open pit gold mine. Visual simulations were prepared of the various phases of mining over time as well as the reclamation plan.

Homestake Mine, Northern CA

Principal-In-Charge

CLIENT: Homestake Mining Company

Prepared the land use analysis, visual analysis and reclamation concepts for the proposed mine. Visual simulations were prepared of the various phases of mining over time.

Hells Canyon National Recreation Area Visual Resource Management Plan, OR/ID

Principal Planner

CLIENT: U.S. Forest Service

Prepared the award-winning Visual Resource Management plan for the 660,000-acre National Recreation Area straddling both shores of the Snake River. The study included extensive mapping of landscape character, visual quality, and visual absorption capability.

Visual Sensitivity Study, River-Related Recreation, MN

Principal Planner

CLIENTS: State of Minnesota, Power Plant Siting Council

Prepared an award-winning study of visual sensitivity of river recreation relative to power plant siting. The work inventoried over 100 miles of river in terms of scenic quality and viewshed, identifying opportunities for power plant siting.

DAVID BLAU, FASLA

Numerous Planning and Energy Conferences, Nationwide**Guest Speaker and Contributor**

Mr. Blau has written papers and spoken at numerous planning and energy conferences on land management, energy facilities siting and visual resource management topics.

SELECTED REPORTS: VISUAL IMPACT ANALYSIS

Blau, D.H. and Hohn, J., Visual and Landscape Analysis – Napa County Environmental Baseline Project, Napa County, California, 2006.

Blau, D.H. and Friedman, K., Visual Impact Analysis – South Bay Power Plant Project, LS Power, Chula Vista, California, 2005.

Blau, D.H. and Hohn, J., Visual Impact Analysis – Lakeville-Sonoma Transmission Line Project, Pacific Gas & Electric Company, Napa County, California, 2004.

Blau, D.H. and Potter, P., Visual Impact Analysis – Avenal Power Plant Project, Duke Energy Services, Avenal, California, 2003.

Blau, D.H. and Curfman, P., Visual Impact Analysis – Morro Bay Power Plant Project, Duke Energy Services, Oakland, California, 2001.

Blau, D.H. and Curfman, P., Visual Resource Analysis – Moss Landing Power Plant Modernization Project, Duke Energy Services, Oakland, California, 2000.

Blau, D.H.; Curfman, P.; and Taggart, C., Visual Impact Analysis – Falcon to Gonder Transmission Project, Sierra Pacific Power Company, Reno, Nevada, 1999.

Blau, D.H. and Packard, T., Visual Impact Analysis – North Umpqua Hydroelectric Project, PacifiCorp, Portland, Oregon, 1998.

Blau, D.H. and Houston, G., Visual Resource Assessment – Widows Creek to Rocky Mountain Transmission Line Project, Tennessee Valley Authority, 1997.

Blau, D.H. and Houston, G., Visual Resource Assessment – Alpha Transmission Line Project, Tennessee Valley Authority, 1996.

Blau, D.H. and Packard, T., Visual Resource Analysis – Bliss, Lower Salmon Falls, and Upper Salmon Falls Project, Idaho Power Company, 1995.

Blau, D.H. and Packard, T., Visual Impact Analysis – Pittsburg to Antioch BART Extension, San Francisco Bay Area Rapid Transit, Oakland, California, 1992.

Blau, D.H. and Packard, T., Visual Analysis and Landscape Design Component, Route 87, City of San Jose Public Works Department, San Jose, California, 1992.

Blau, D.H. and Packard, T., Visual Impact Analysis – SMUD – Sierra Transmission Intertie, SMUD, Sacramento, California, 1988.

Blau, D.H., Visual Impact Analysis – Crockett Cogeneration Facility, Pacific Thermonetics, Portland, Oregon, 1986.

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Blau, D.H. and Petrovsky, J., Visual Analysis – Molino Canyon Project, Shell Oil Company, Los Angeles, California, 1984.

Blau, D.H. and Petrovsky, J., Visual Analysis – San Miguel Project, Cities Oil & Gas Exploration Company, Bakersfield, California, 1984.

Blau, D.H. and Packard, T., Visual Impact Analysis – Pinetree Mine, Goldfield Mining Company, 1984.

Blau, D.H., Visual Impact Analysis – Chevron Gaviota Gas Facility, Chevron, U.S.A., San Francisco, California, 1983.

Blau, D.H., Visual Impact Analysis – Getty Gaviota Gas Facility, Getty Transportation and Trading Company, Denver, Colorado, 1983.

Blau, D.H. and Whalen, J., Visual Impact Analysis – Hilo to Kona Transmission Line Project, Hawaiian Electric Company, Hawaii, 1983.

Blau, D.H., Visual Analysis – Homestake Mine, Homestake Mining Company, San Francisco, California, 1981.

Blau, D.H. and Everingham, J., Visual Impact Analysis – Geysers 16 Transmission Line Project, California Energy Commission and California Public Utilities Commission, 1980.

Blau, D.H. and Franklin, R., Visual Analysis – Impacts of Offshore Oil Development on Recreational Use of the California Coast, U.S. Bureau of Land Management, Outer Continental Shelf Office, Los Angeles, California, 1980.

Blau, D.H. and Bowie, M.C., Visual Resource Inventory – Hell’s Canyon National Recreation Area, U.S. Forest Service, 1979.

Blau, D.H. and Bond, S., Smith River Wild and Scenic River Management Plan, California Resources Agency, Sacramento, California, 1978.

Blau, D.H., Visual Analysis – South Fork American River Hydroelectric Project, El Dorado Irrigation District, Placerville, California, 1976.

Blau, D.H., Visual Analysis – North Fork Stanislaus Hydroelectric Project, Calaveras County Water District, San Andreas, California, 1974.