

Attachment I – ESI Shoreline Types

ESI habitat types in the Lower Columbia River.

ESI	%
1A: Exposed rocky shores	2.3%
1B: Exposed, solid man-made structures	0.4%
2A: Exposed, wave-cut platforms in bedrock	0.1%
3A: Fine- to medium-grained sand beaches	1.5%
3B: Scarps and steep slopes in sand	0.3%
4: Coarse-grained sand beaches	9.9%
5: Mixed sand and gravel beaches	2.0%
6A: Gravel beaches	10.0%
6B: Riprap	6.2%
7: Exposed tidal flats	3.6%
8A: Sheltered rocky shores	0.6%
8B: Sheltered, solid man-made structures	1.2%
8C: Sheltered riprap	2.8%
9A: Sheltered tidal flats	21.0%
9B: Sheltered, vegetated low banks	11.0%
10A: Salt- and brackish-water marshes	17.8%
10B: Freshwater marshes	7.6%
10D: Scrub-shrub wetlands	1.8%

Source: <http://response.restoration.noaa.gov/maps-and-spatial-data/download-esi-maps-and-gis-data.html#Oregon>

EX 0107-TSS