

Sea-level Rise Impacts on Oregon Estuaries: Biology and Hydrology

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Estuaries are transitional ecosystems located at the margin of the land and ocean and as a result they are particularly sensitive to sea level rise and other climate drivers. In this presentation, we summarize the potential impacts of sea level rise on key estuarine habitats including seagrass, tide flats, and marshes. We summarize recent regional research and discuss knowledge gaps in the Pacific Northwest. Additionally, we present adaptation strategies for protection of estuarine resources and ecosystem services in a changing climate.

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