

Tidal wetland landward migration zones (LMZs) for 4.7 ft sea level rise: Total score for 5 prioritization factors

Siletz Bay Estuary

Notes: Maps are based on elevation and projected sea level rise. They do not take into account rates of sediment accretion. 4.7 ft is the high end of the sea level rise range projected for Newport, OR by the year 2100 in the West Coast Sea Level Rise study. This amount of sea level rise could occur earlier or later than that date.

Prioritization factors are:

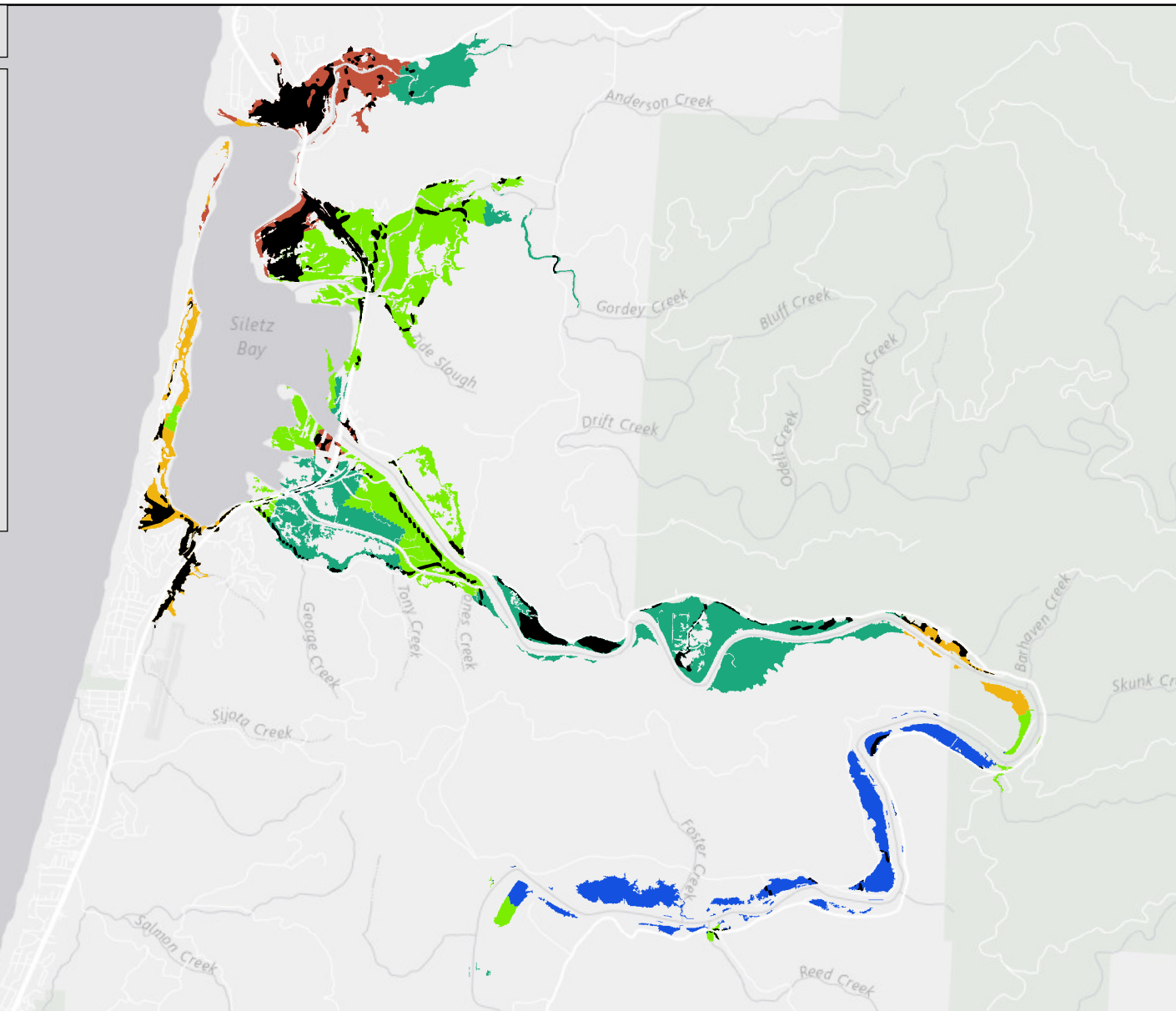
- Area of LMZs at 4.7 ft SLR
- Area of higher LMZs (up to 11.5 ft)
- Land management (public vs. private)
- Land use zoning
- Number of structures

See project report for detailed methods.

Scoring group (EstScGrp)

- High
- Medium-high
- Medium
- Medium-low
- Low

LMZs on impervious surfaces



0 0.5 1 2 3 Miles



Prepared 8/27/2017. Project covers 23 estuaries on Oregon's coast. See project report for details. Oregon Statewide Lambert, NAD1983, Intl Feet, EPSG 2992. Mapped areas derived from 2008-2009 LIDAR elevation models (<http://www.oregongeology.org/lidar>), projected sea level rise (2012 West Coast Sea Level Rise study, <http://www.nap.edu/catalog/13389>), and Natl. Land Cover Database (www.mrlc.gov/nlcd11_data.php). This product is for informational purposes only and is not intended for navigational, legal, engineering, or surveying purposes; it is provided with the understanding that conclusions drawn from the information are the responsibility of the user. A project of the MidCoast Watersheds Council, funded by the Oregon Watershed Enhancement Board and U.S. Fish and Wildlife Service, with support from Pacific States Marine Fisheries Commission. ArcGIS 10.3.1, Prioritiz_landscape_20170827.mxd.

