

Restored Tidal Areas Along US West Coast

In 2018, PMEP completed an Indirect Assessment of West Coast USA Tidal Wetland Loss (TWL) across 55 estuaries using the 2014 National Wetland Inventory as a baseline. The assessment classified historical tidal wetlands as either “retained” or “lost,” and found that approximately 85% of vegetated tidal wetlands have been lost from West Coast estuaries.

However, many west coast agencies and groups have been working diligently over the years to restore tidal wetlands. PMEP wanted to reflect those efforts and worked in 2019 to update this TWL assessment to account for tidal restoration projects not reflected in the initial assessment. Results of this data gathering and mapping exercise included:

- 2.3% of tidal wetlands that were previously classified as “lost” were reclassified as “restored”
- 82.7% of tidal wetlands remained classified as “lost”
- Losses remained highest for major river deltas, with over 94% of tidal wetlands classified as lost and <1% as restored

These results illustrate both the successes of restoring tidal connectivity and the pressing need for more work to restore these important fish habitats across the West Coast.

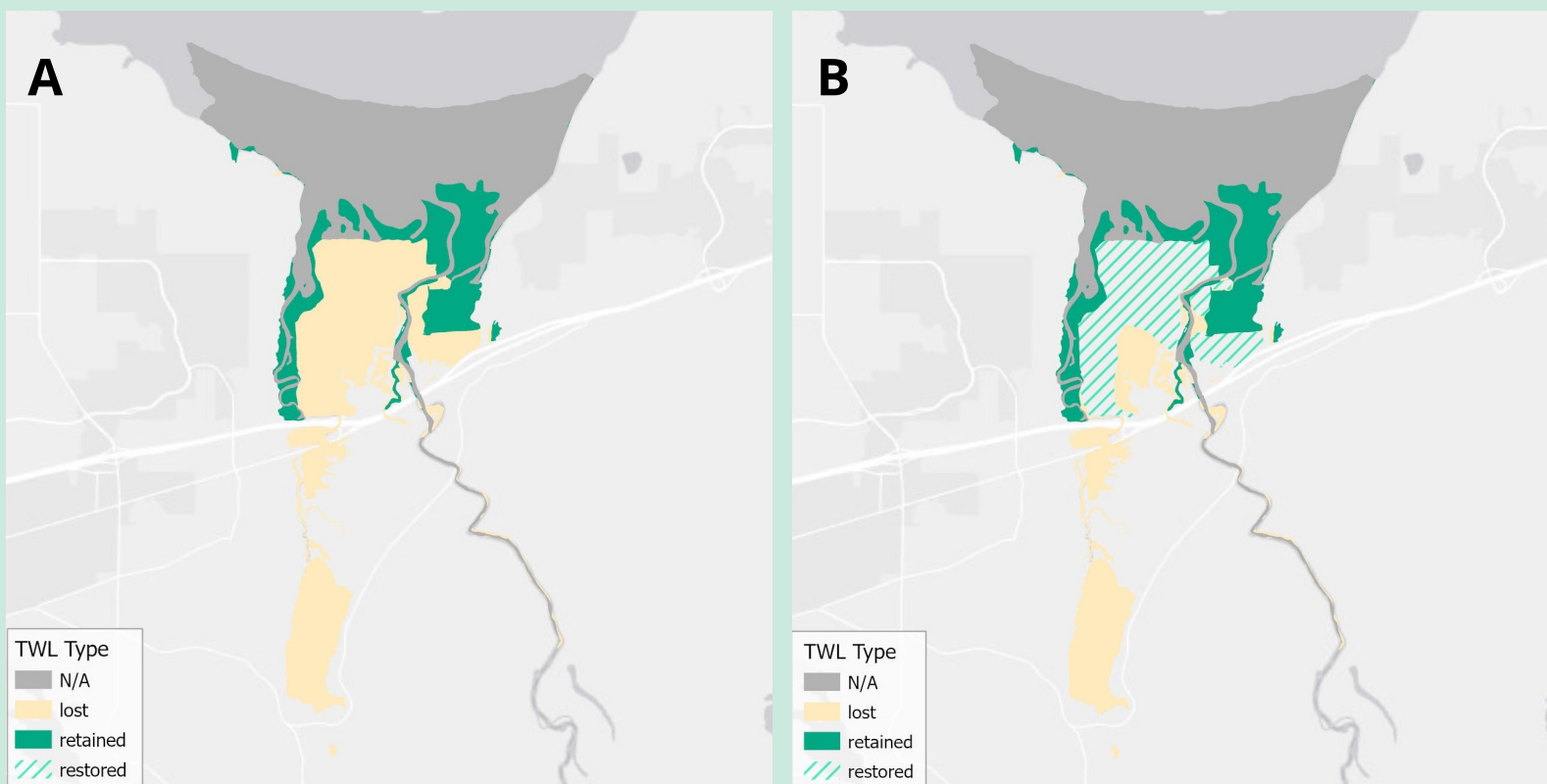


Image A shows the Nisqually Delta and areas originally classified as 'lost' in the Tidal Wetland Loss Assessment. Image B shows the areas that were reclassified as 'restored.'



Read the report and access the spatial dataset at
www.pacificfishhabitat.org



PMEP

PACIFIC MARINE & ESTUARINE
FISH HABITAT PARTNERSHIP

The Pacific Marine and Estuarine Fish Habitat Partnership (PMEP) is a nationally recognized partnership that seeks to advance regional and national goals relating to juvenile fish habitat.

PMEP is a consortium of organizations focused on West Coast fish habitat in the region's estuaries and nearshore marine waters. We invite local, state, tribal, and federal governments and non-governmental and private organizations in California, Oregon, and Washington to join this voluntary collaboration.

Providing Data

PMEP produces comprehensive assessment reports on the state of the knowledge of estuarine and nearshore fish habitats

PMEP compiles datasets to inform conservation and restoration actions for estuarine and nearshore fish habitat

Project Funding

PMEP provides targeted restoration and conservation funding to support on-the-ground work

To receive notices of funding availability, sign up for our newsletter at www.pacificfishhabitat.org

