

- The mapped "Current Shoreline" is the Mean Higher High Water datum, 1983-2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
- Maps use lidar-based elevation data from 2012 made available through the Puget Sound Lidar Consortium (PSLC). Accuracy of elevation data at individual sites has not been verified.
- Maps use only elevation data and do not model hydrology and do not reflect the influence of engineered shoreline structures, i.e. tide gates.
- Maps do not reflect shoreline change or erosion.



# Sea Level Rise Inundation Area in 2030, DUNGENESS RIVER DELTA Probabilistic Projections of Changes to Average Daily High Tide Inundation Due to Sea Level Rise Updated March 2017 nderson Rd Woodcock Rd 100

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
- The mapped "Current Shoreline" is the Mean Higher High Water datum, 1983-2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
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# Annual Extreme Storm Flooded Areas in 2030 with Sea Level Rise, DUNGENESS RIVER DELT

Combined Probabilistic Sea Level Rise Projections and Annual Extreme Coastal Flooding Probabilities

# Updated March 2017

# Anderson Rd Woodcock Rd

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
- The mapped "Current Shoreline" is the Mean Higher High Water datum, 1983-2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
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- Maps use only elevation data, do not model hydrology, and do not reflect the influence of engineered shoreline structures, i.e. tide gates.
- Maps do not reflect shoreline change or erosion.
- Annual extreme flooding probabilities derived from historical data collected at nearby NOAA tide stations and do not take into account possible climate-related changes to storminess patterns.
- Maps do not reflect the additional flood risk associated with waves in elevating water level during storms.



Ά	Legend Current Shoreline Mean Higher High Water (MHHW) Annual Percent Chance of Occurrence More Likely to Occur 50% 25% 5% 1% Critical Infrastructure Local Roads Tide Gates	Funding Provided by: Department of Commerce Innovation is in our nature.
		Produced by: adaptation Reading international Washington
		Produced for: NORTH OLYMPIC PENINSULA RESOURCE CONSERVATION & DEVELOPMENT NOP RC&D

# Sea Level Rise Inundation Area in 2050, DUNGENESS RIVER DELTA Probabilistic Projections of Changes to Average Daily High Tide Inundation Due to Sea Level Rise Updated March 2017 nderson Rd Woodcock Rd 100

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
- The mapped "Current Shoreline" is the Mean Higher High Water datum, 1983-2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
  Maps use lidar-based elevation data from 2012 made available through the Puget Sound Lidar Consortium (PSLC). Accuracy of elevation data at individual sites has not been verified.
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- Maps do not reflect shoreline change or erosion.



# Annual Extreme Storm Flooded Areas in 2050 with Sea Level Rise, DUNGENESS RIVER DELT

Combined Probabilistic Sea Level Rise Projections and Annual Extreme Coastal Flooding Probabilities



# Anderson Rd Woodcock Rd

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
- The mapped "Current Shoreline" is the Mean Higher High Water datum, 1983-2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
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		Produced for: NORTH OLYMPIC PENINSULA RESOURCE CONSERVATION & DEVELOPMENT NOP RC&D

# Sea Level Rise Inundation Area in 2100, DUNGENESS RIVER DELTA Probabilistic Projections of Changes to Average Daily High Tide Inundation Due to Sea Level Rise Updated March 2017 < nderson Rd Woodcock Rd 100

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
- The mapped "Current Shoreline" is the Mean Higher High Water datum, 1983-2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
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# Annual Extreme Storm Flooded Areas in 2100 with Sea Level Rise, DUNGENESS RIVER DELT

Combined Probabilistic Sea Level Rise Projections and Annual Extreme Coastal Flooding Probabilities



# Anderson Rd Woodcock Rd

## Notes

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
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Ά	Legend Current Shoreline Mean Higher High Water (MHHW) Annual Percent Chance of Occurrence More Likely to Occur 50% 25% 5% 1% Critical Infrastructure Local Roads Tide Gates	Funding Provided by: Department of Commerce Innovation is in our nature.
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