

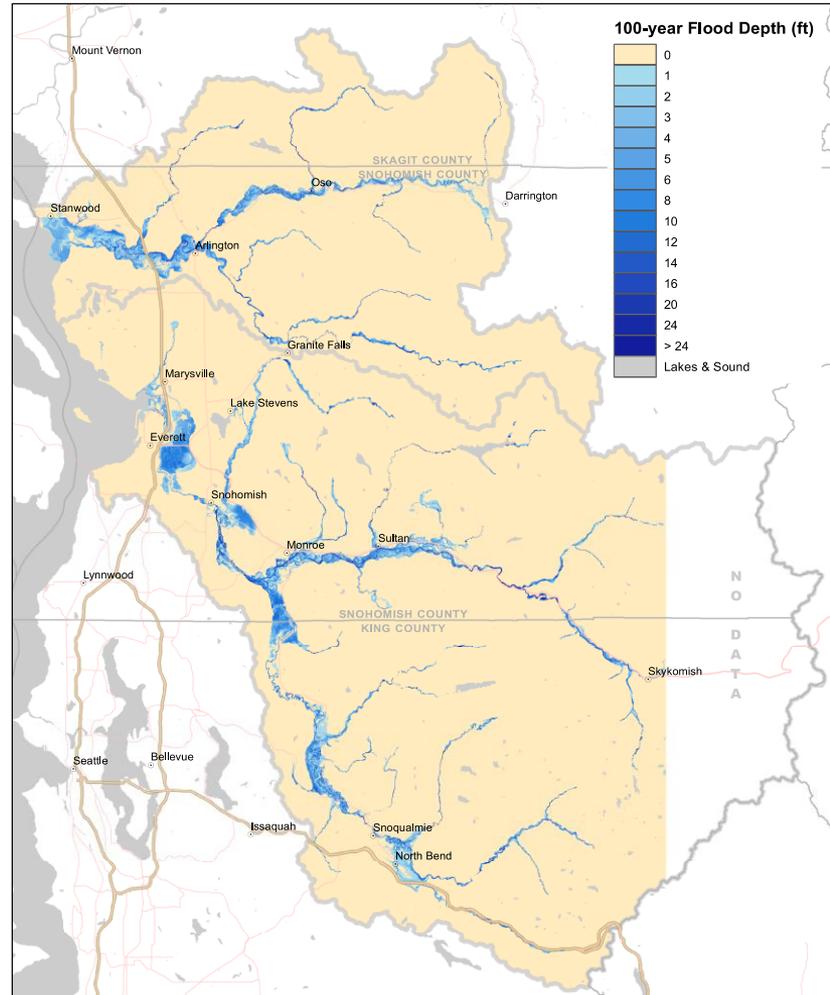
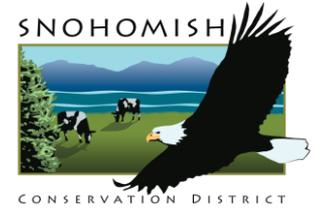
# LESS WATER WHEN IT'S NEEDED



# MORE WATER WHEN IT'S NOT



# Ag Resilience Plan



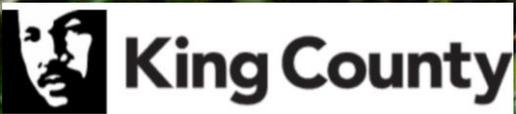
How will Flooding and Groundwater change in the future?

DRAFT 3/12/2018

Cartography: Jamie Robertson, The Nature Conservancy  
Data source: UW Climate Impacts Group; Fathom Inc. (2018)

Jamie Robertson, TNC



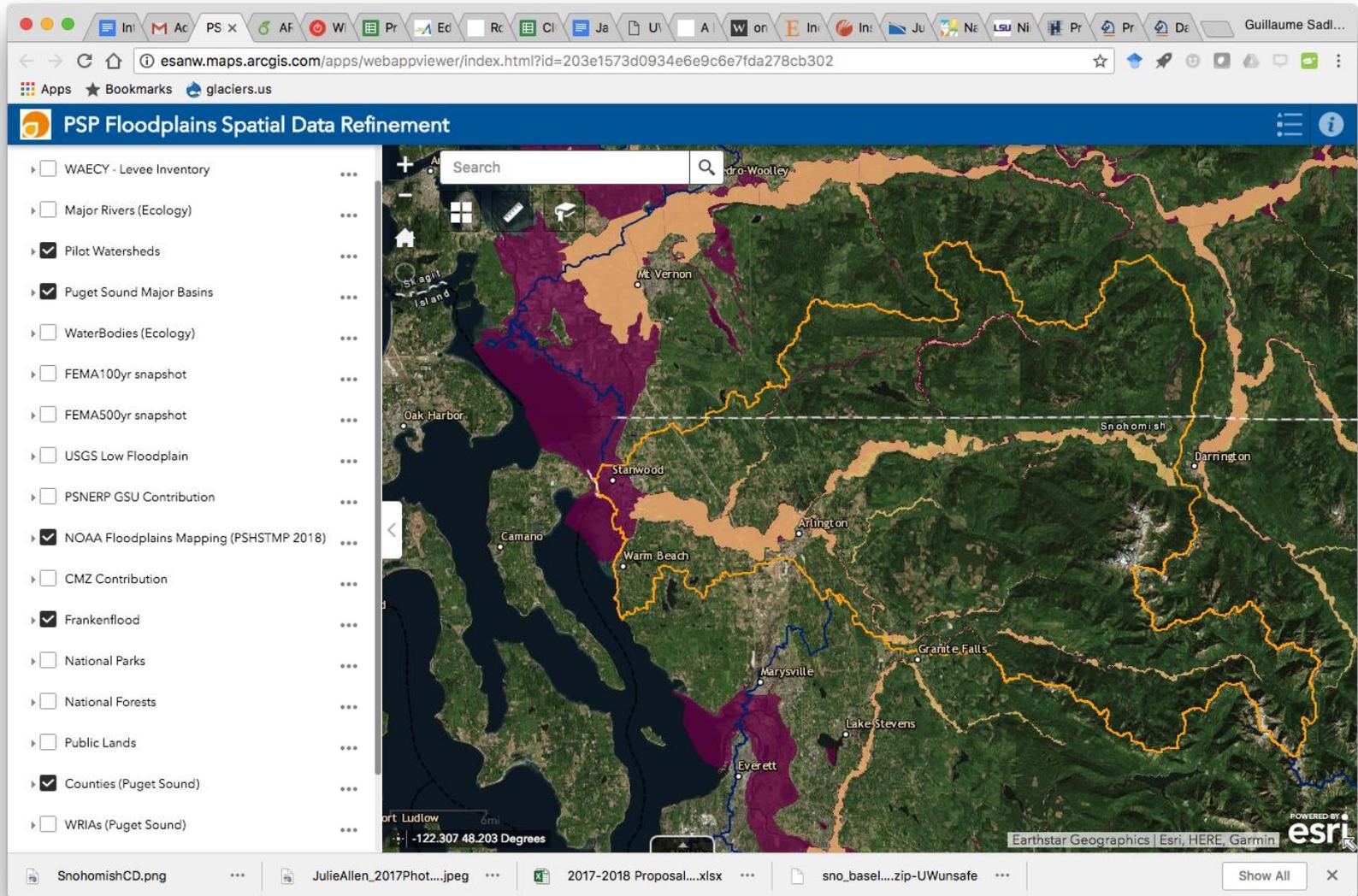


# WRIA 7 Salmon Plan

*(Beth Ledoux  
and others)*



# Floodplain Vital Sign Indicator





*Bolstering resilience to weather hazards  
for the state's coastal communities.*

# THE WASHINGTON COASTAL RESILIENCE PROJECT

Washington Sea Grant • Washington Department of Ecology • Island County • The City of Tacoma • King County • Padilla Bay National Estuary Research Reserve • NOAA Office of Coastal Management • The Nature Conservancy • U.S. Geological Survey • University of Oregon • University of Washington Climate Impacts Group • University of Washington Department of Earth and Space Sciences • Washington Department of Fish and Wildlife

**Funding Provided by NOAA Regional Coastal Resilience Grants Program**



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**PUGET SOUND  
NEARSHORE**  
ECOSYSTEM RESTORATION PROJECT



# Stormwater



<https://twitter.com/LigaDos32>

## Five Themes of the WA Silver Jackets Work Plan



### (A) Develop improved estimates of future flood impacts

*Estimating future flood impacts will allow agencies and communities to better understand, plan for, and manage their risks. Current information does not adequately portray risk.*



### (B) Develop resources for local planners

*Local planners lack the tools and guidance needed to both communicate risk and plan effectively within the floodplain.*



### (C) Build capacity and coordination on resilient floodplain management

*Improve coordination among the WA SJ Team, scientists, and local floodplain leaders, with the ultimate aim of cultivating a network for shared learning and information exchange.*



### (D) Improve public engagement

*A public that is informed and cares about their flood risk will communicate that to local planners and elected officials. Specifically, these actions focus on outreach to city/county councils and homeowners/landowners/residents in flood-prone areas.*



### (E) Coordinate floodplain management goals and planning

*Clearly articulated agency goals and better alignment among planning processes would free up capacity for local managers while also ensuring that floodplain management is applied consistently across programs.*

# NTA proposal #2018-0741

- *“Integrating Climate Change in Multi-Objective Floodplain Management”*
- Coordinated with NTA 2018-0552: *“Floodplains by Design: Accelerating multi-benefit reach scale planning, design and project implementation”*
- Two tasks:
  1. Identify needs, synthesize science and gaps
  2. Scope, coordinate, and strategize funding for future work.



*Climate Science in the  
Public Interest*

UW Climate Impacts Group

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