Agriculture Resilience Plan Update

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Snohomish CD

Presentation to:
LIO Executive Committee
September 27, 2018
Sustainable Lands Strategy
Agriculture Resilience Plan

- What does agriculture need to be resilient into the future?
- Represent these needs at Sustainable Lands Strategy
- Get work done!
Organizational Approach

Steering Committee – Farmers

Hydrology Technical Committee

Outreach Committee

Project Scoping Committee

Protection Committee

Resilient Farming Committee
Feedback from ag community

- Loss of farmland
- Groundwater levels
- Dike improvements
- Water availability
- Changes in flooding
- Flood protection
- Land subsidence
- Sediment buildup in river
Impact Assessment

How will the following impact agriculture?

- Flooding changes
- Groundwater levels – NEP funded
- Saltwater intrusion (sea level rise) – NEP funded
- Land subsidence and channel aggradation
- Weather/climate changes
Groundwater and saltwater intrusion modeling

Cardno

Funding: National Estuary Program
Floodplains by Design Flood Risk Explorer Tool
The Nature Conservancy

http://maps.coastalresilience.org/washington/

Funding: Stillaguamish River Capacity Fund, NOAA
Farmland Protection Strategy
PCC Farmland Trust
Protection Strategy
PCC Farmland Trust

Snohomish County  Farmland Conservation Priorities

15,000 acre 10 year goal!
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Funders:
- NOAA
- Stillaguamish Lead Entity
- Floodplains by Design
- ESRP Learning Program
- EPA National Estuary Program
- King CD