

The background of the slide is a photograph of a rural landscape. In the foreground, there is a large body of water, possibly a reservoir or a wide river. The middle ground features a farm with a prominent barn and a tall silo. The background is filled with trees, some of which are bare, suggesting a late autumn or winter setting. The sky is overcast. The text is overlaid on this image.

# Chehalis Basin Strategy Local Actions Program Implementation Advisory Group Meeting #5

January 21, 2021

# Meeting Agenda

- Relocation, acquisition, and retrofit program feasibility
- Structural approaches to flood damage reduction
- Opportunities and approaches for increasing floodplain storage
- Agricultural stay-in-place assistance

# Floodplain Acquisition Program

Continue discussion of programs using structure relocation, acquisition, and retrofits for flood damage reduction and feasibility of implementing a program in the Chehalis Basin

*Breakout room questions:*

- What are your initial impressions of the feasibility of initiating and implementing a floodplain acquisition program as one of several flood damage reduction options in the Basin?
- What additional information would be helpful to inform your thinking on feasibility?

# Structural Approaches to Flood Damage Reduction

Preview information and criteria from Technical Advisory Group to-date on structural approaches to flood damage reduction

*Jamboard question:*

- Are there programmatic or policy criteria that should be considered for rating areas for potential structural approaches to flood damage reduction in addition to the technical criteria developed by the Technical Advisory Group?

# Increasing Floodplain Storage

Present feedback from Technical Advisory Group and Chehalis Basin Board on the opportunities and approaches for increasing floodplain storage

# Agricultural Stay-in-Place Assistance

Presentation from Tim Abbe (Natural Systems Design) on agricultural stay-in-place assistance

*Jamboard questions:*

- Which opportunities seem most promising for reducing agricultural-related damages from catastrophic flood events?
- What are the biggest challenges to implementing these opportunities?

# Implementation Advisory Group Schedule

## **Meeting #6: February 11, 2021**

- Acquisition program, erosion issues, implications and feasibility for potential structural (e.g., levees, floodwalls, etc.)
- Land use recommendations, discussion and follow-up from meetings

## **Meeting #7: February 22, 2021**

- Discussion and follow-up from meetings

A landscape photograph showing a flooded rural area. In the foreground, there is a grassy field partially submerged in water. In the middle ground, a large barn with a red roof and a tall, white, cylindrical silo are visible. The background consists of a dense forest of bare trees, suggesting a late autumn or winter setting. The sky is overcast. The image is framed by a green bar at the top and a blue bar at the bottom.

# Relocation & Acquisition Program Feasibility



# Key Elements to Initiate & Implement a Major Floodplain Acquisition Program (1/11/21 IAG Meeting)

- OCB's role in convening and serving as an information repository is an asset
- Magnitude and frequency of disaster.
- Comprehensive engagement of landowners in advance to increase awareness of flooding risks and impacts.
- For relocation, creating a vision of the potential future through master planning.
- Identify viable places for people to move if they choose to participate
- Support for multi-year timeframe to engage and plan before implementation

# Key Elements to Initiate & Implement a Major Floodplain Acquisition Program (1/11/21 IAG Meeting)

- Financial incentives may be needed to overcome economic development impacts and ensure there are places with affordable homes and infrastructure for people to move if they are willing
- Thinking holistically about solutions (e.g., connecting to habitat restoration goals) could increase options/opportunities
- Need commitment for funding to support long-term implementation process in support of voluntary program

# Breakout Group Questions

- What are your initial impressions of the feasibility of initiating and implementing a floodplain acquisition program as one of several flood damage reduction options in the Basin?
- What additional information would be helpful to inform your thinking on feasibility?