

# Purpose of Workshop

The timing of this workshop is critical to gain policy input prior to conducting a benefit cost analysis and other analyses to compare different scenarios and strategies for reducing flood damage and enhancing aquatic species.

# Flooding

- Use 10, 20, 100 and 500 year flood frequencies.
- Climate change
- Number of structures of significant value.
- Extrapolation of surveyed structures to total structures in floodplain.

# Aquatic Species Enhancement

- Effects of managed forest riparian buffers
- Climate change
- Species to focus on
- Level of effort and cost for benefit of enhancement

# Water Retention

- Operating rules for different options
- Benefits for reducing flood damage
- Change in 100 year flood based on climate change
- Effects on vegetation and habitat in the reservoir
- Effects on downstream geomorphology
- Potential impacts and benefits to salmon
- Impacts on other aquatic species

# I-5 Alternatives

- Increases and decreases in flood structures
- Cost of I-5 protection with and without dam
- Transportation costs for closure
- Cost for improvements to SR 6 and 12

# Small Projects and Floodproofing

- Cost of floodproofing homes and businesses
- Small project list does not have a significant, measurable effect on mainstem flooding
- There are no significant environmental impacts

# Proposed Scenarios for Economic Analysis

- Baseline (no new projects)

Following Scenarios would include airport levee, some floodproofing and small projects

- Water Retention
- I-5 Walls and Levees
- Water Retention and I-5 Walls and Levees

# Governor's Work Group

## Process Overview

- **February – September 2014:**
  - Finalize preliminary designs for water retention and I-5 improvements, and assessment of costs, benefits and impacts.
  - Finalize aquatics species enhancement plan.
  - Assess local floodplain management.
  - Technical and policy workshops, Flood Authority meetings, and public meetings
  - Conduct benefit/cost analysis and other comparisons
- **September**
  - Technical and policy workshops, Flood Authority meeting, and public meetings on final results and input for recommendations
- **October -November 2014**
  - Work Group finalizes recommendations to Governor and Legislature.