

RAFT Measurable Benefits

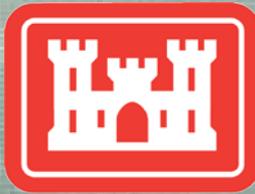
Rapid Assessment of Flooding Tool

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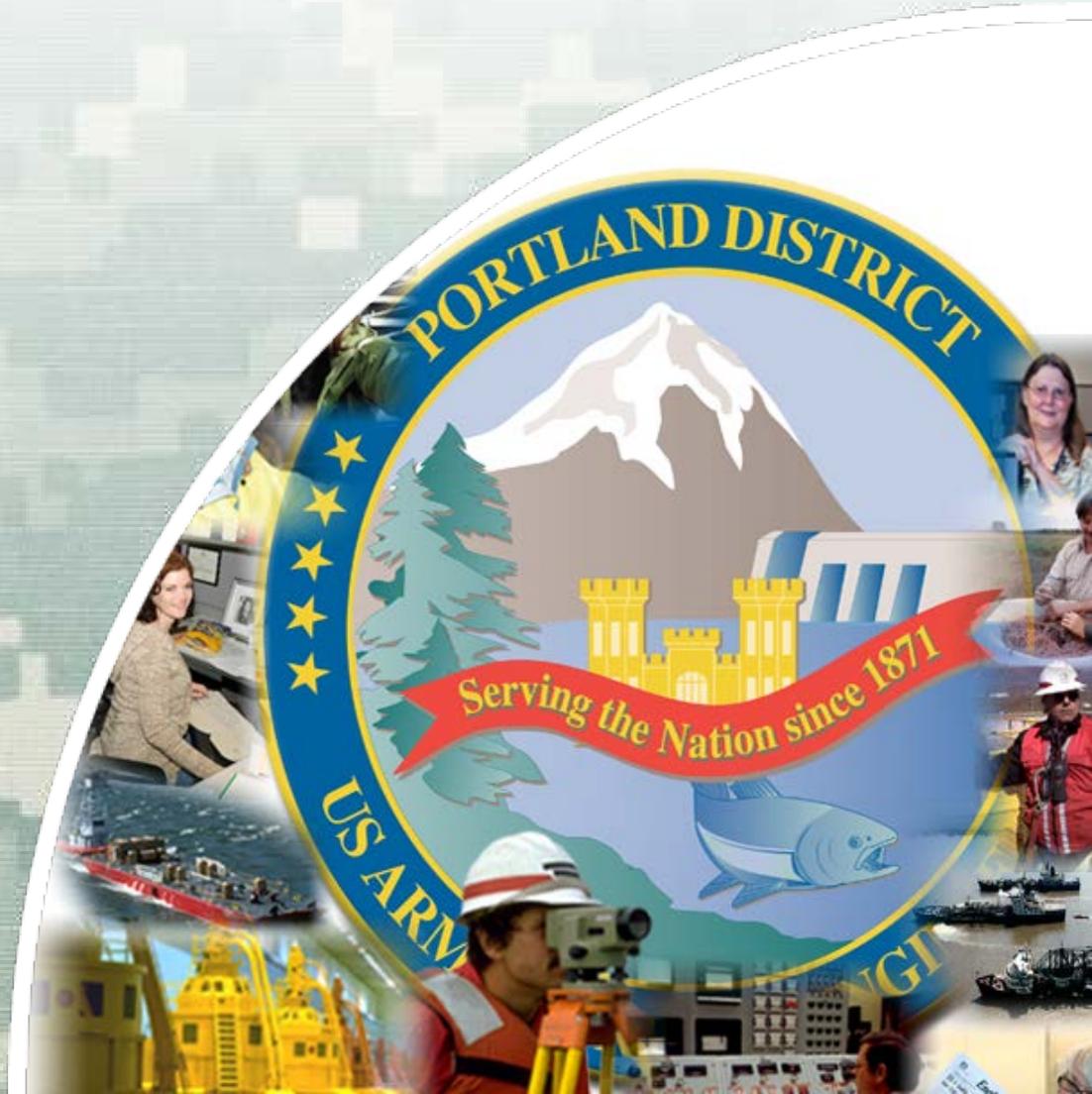
U.S. Army Corps of Engineers-Portland District

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US Army Corps of Engineers
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Outline

- Motivation behind RAFT
- RAFT summary
- Measurable benefits



Motivation behind RAFT

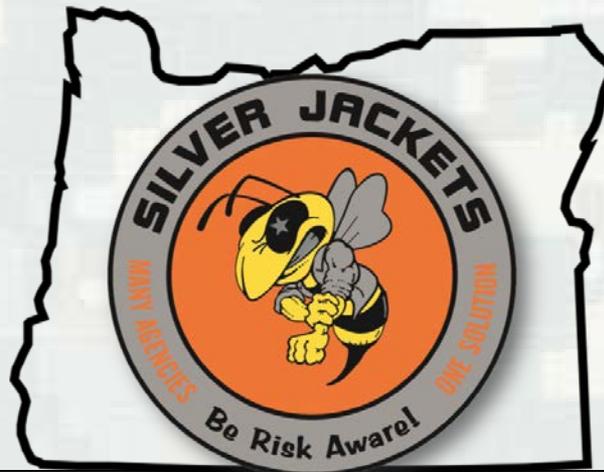
- FEMA's idea
- Frequency estimates during floods
- Unbiased estimator of flood severity
- Confusion during previous floods



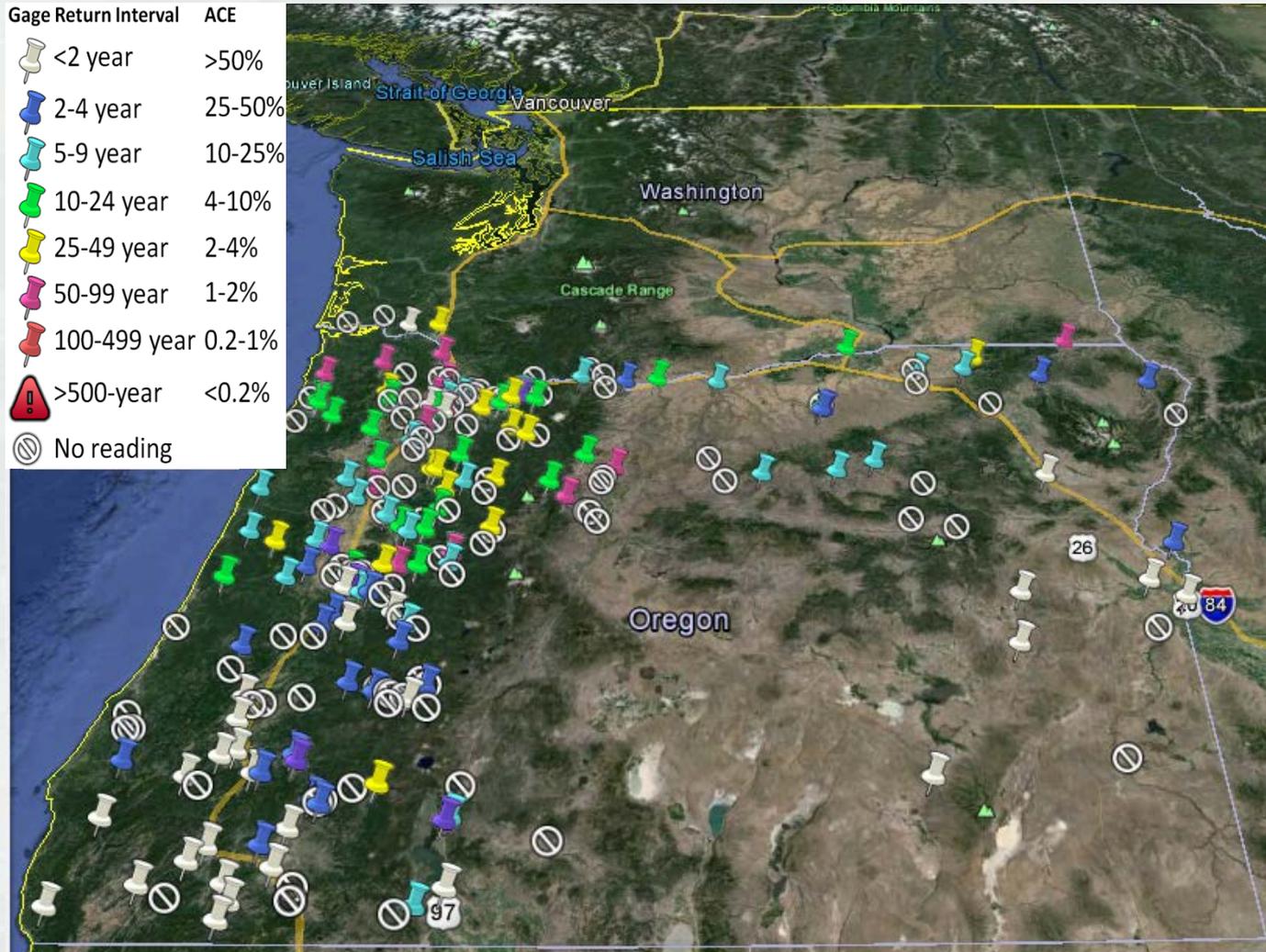
RAFT

Rapid Assessment of Flooding Tool

- Quick flood frequency estimates
- Applies real-time forecasts to compiled data
- Assists in disaster declaration
- Not used for flood warning



RAFT Gage Output



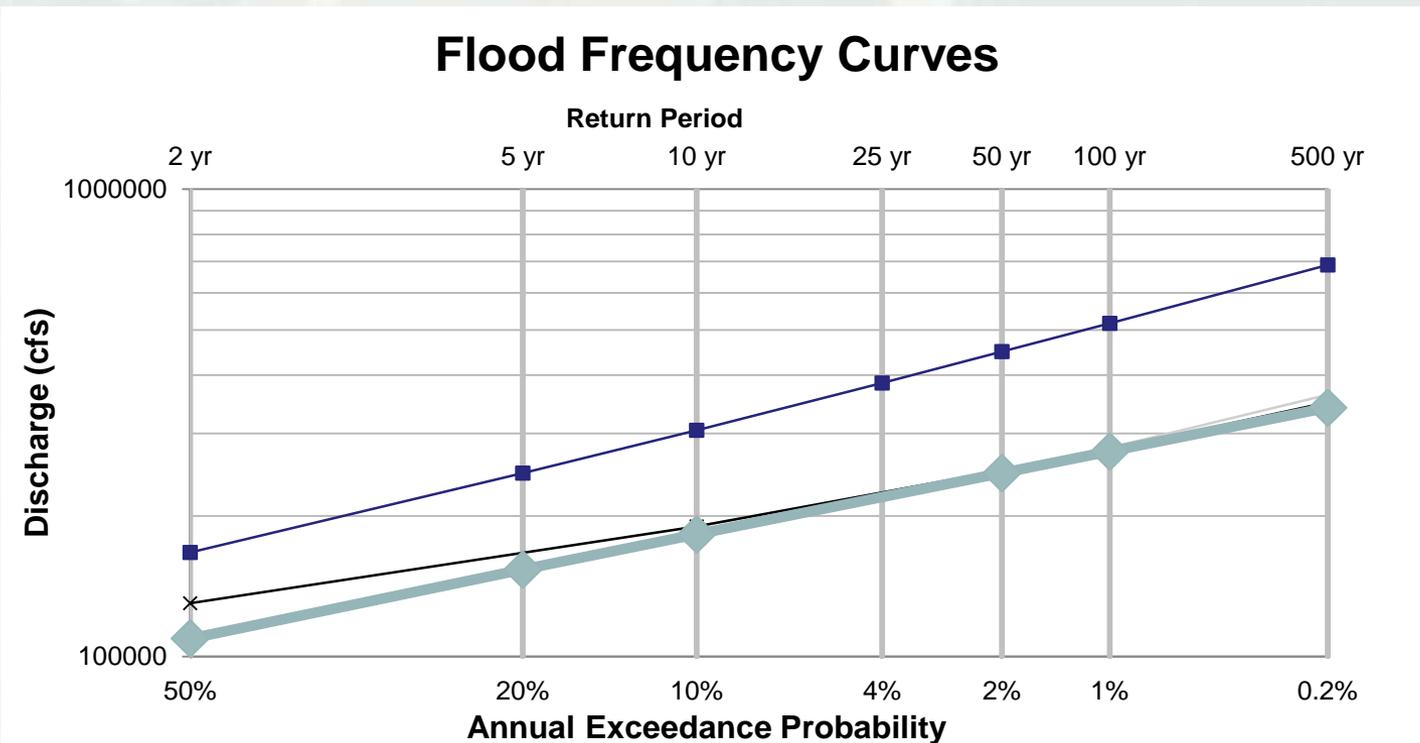
Measuring Benefits

- Difficult for coordination effort
- Quantitative
 - ▶ Labor costs
 - ▶ Cost savings when applying to other areas
 - ▶ Applications to other projects
- Avoid double-counting
- Unanticipated benefits



Unquantifiable benefits

- Value of coordination



Unquantifiable benefits

- “Measurable”, not “quantifiable”
- Often equally valuable
- Tell a story
- The best benefits can be hard to quantify



Questions?

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