

INFEWS Advisory Team Meeting #2

November 19, 2019

Chemeketa Center for Business and Industry (CCBI)

626 High St NE, Salem, Oregon; facility telephone: 503-584-7310

Meeting goals for year 2:

- Provide INFEWS advisory team with an update on progress.
- Introduce and receive feedback on possible themes for a small set of alternative future scenarios that will be contrasted with a “Business As Usual” scenario.
- Explore new ideas about water, food, and energy management in the Willamette River Basin, with an emphasis on cross-sector connections.

Agenda:

9:00-9:10 a.m.	Welcome, Introductions (Chad Higgins, OSU, Project Lead)
9:10-10:10	<p>Food-energy-water nexus poster session, coffee, breakfast snacks</p> <p>Poster session on research areas within the INFEWS project. Time for conversations and networking.</p> <p>Posters:</p> <ul style="list-style-type: none"> • Impact of environmental variability and climate change on the Columbia River Basin hydropower and BPA financial risk – Simona Denaro, Joy Hill, Jordan Kern, Greg Characklis (UNC and NC State) • Co-location of solar power production and agriculture to mitigate financial risk – Rosa Cuppari, Greg Characklis (UNC) • Climate projections for the Willamette River Basin – Dave Rupp (OSU) • Forest management linkages to snow, wildfire, and hydrology in the Oregon Cascades – Mikey Johnson, Anne Nolin (UNR) • Agricultural futures, sustainability, and constraints – Chad Higgins (OSU) • Population projections and distribution for futures scenarios – Chris Enright, Allan Branscomb (UO) • Business as usual flows in the Willamette and changing constraints – Adell Amos, Doug Quirke, Michelle Smith (UO) • Scenario ideas from 2018 INFEWS advisory meeting – updates and themes – Maria Wright (OSU)
10:10- 10:30	Integrated modeling, alternative futures scenarios and the “Business as Usual” scenario (Chad Higgins)
10:30 – 11:00	<p>Small group discussion – review of the “Business as Usual” scenario assumptions</p> <ul style="list-style-type: none"> • Discussion groups by area of interest (discussion leaders noted in parentheses): <ul style="list-style-type: none"> ○ Climate and population growth/urbanization (Dave Rupp, Chris Enright, Allan Branscomb) ○ Agriculture (lowlands) (Chad Higgins, Rosa Cuppari)

	<ul style="list-style-type: none"> ○ Reservoir operations (Adell Amos, Doug Quirke, Simona Denaro) ○ Forest management and snow (upland hydrology) (Anne Nolin, Mikey Johnson) ○ Energy (Jordan Kern, Joy Hill, Greg Characklis) ● Handout – Business As Usual Scenario Matrix ● Discussion questions – <ul style="list-style-type: none"> ○ Do the scenario assumptions seem reasonable and fit your concept of “Business as Usual”? ○ What modifications would you recommend for the BAU?
11:00-11:30	<p>Report back from tables and discussion with the whole group about the “Business as Usual” scenario –</p> <ul style="list-style-type: none"> ● Where did people come to a consensus and where did the group recommend changes in the “Business as Usual” scenario assumptions? ● Feedback from other topic groups
11:30-12:30	<p>Catered Lunch – Salad and baked potato bar with meat and vegetarian chili</p>
12:30-12:45	<p>Intro to alternative futures discussion focused on scenario topic areas that emerged from November 2018 Advisory Team meeting (Chad Higgins)</p> <ul style="list-style-type: none"> ● Extremes and risk ● Resource conservation ● Tradeoffs
12:45-1:45	<p>Small group discussions focused on alternative scenarios Discussion groups with mixed areas of interest and expertise (discussion leaders noted in parentheses):</p> <ul style="list-style-type: none"> ● Extremes and risk (Anne Nolin, Mikey Johnson) ● Resource conservation (Chris Enright, Allan Branscomb) ● Tradeoffs (Chad Higgins, Joy Hill) ● Discussion Questions: <ul style="list-style-type: none"> ○ What comparisons or alternative responses would you like to explore within this topic area? ○ Can you identify specific scenario themes or assumptions that could be applied within this area? ○ Should we have more than 1 scenario, how many? ○ What scenario elements (model settings) would the group like to see within these scenarios?
1:45-2:00	<p>Break</p>
2:00-2:30	<p>Report back from tables on alternative scenarios</p>
2:30-3:00	<p>Wrap up and planning for next year (Chad Higgins)</p>