Envisioning a Resilient Oregon Coast: Co-developing alternative futures for adaptation planning and decision-making

May 2020 Virtual Advisory Council Meeting (virtual conference info below)

19 May 2020 (10:00 am – 11:00 am)

Meeting Objectives:

1. Update the Advisory Council on project progress.
2. Demonstrate capabilities of Envision model to facilitate actionable research on hazard planning for Cascadia Subduction Zone earthquake and tsunami: **focus on transportation sector.**
3. Harness the expertise of Advisory Council to develop actionable knowledge to inform statewide policies and localized decision-making.

Agenda:

10:00 - Welcome, Introductions (lightning round all), Meeting Overview (Pat)

10:10 - Project and theme overviews: focused on progress since last AC meeting (OCF team)

- Discussion

10:25 - Envision Demo (John B., Dan C., and Dylan Sanderson)

- Discussion

10:40 - Discussion/Review of read ahead questions (all)

10:55 - Wrap up/next steps/project timeline (Pat and Peter)

Check out our project website: http://explorer.bee.oregonstate.edu/Topic/coastalresilience/

Questions that we would like you to consider prior to and during our meeting on the 19th:

Q1: Acute Hazards: Several reports indicate that **ISLANDING** is an important issue for coastal communities following a Cascadia Subduction Zone event, meaning that communities will face a sense of isolation or cut off from other communities. What could be some of the specific quantifiable measures of "islanding"? How would these metrics relate to aspects of the built environment (transportation, water, power, communication) and to socio-economic systems?

Q2: Chronic Hazards: How will projections of future coastal Total Water Levels (including sea level rise) be useful in your coastal resilience work?

Q3: Equitable Resilience: Beyond critical facilities such as hospitals and schools, what community assets (e.g., food banks, shelters, nursing homes, etc.) do you think are most important to protect for community hazard resilience and why?

Q4: Economics of Risk: What has been the impact of the tsunami blue line project and/or Beat the Wave on public perception of living inside or near the tsunami inundation zone? How has the public reacted to these programs and are they helping individuals to re)evaluate the risks?

Q5: Considering the COVID-19 Crisis: Are there any new coastal resilience issues we should be considering? Post-pandemic, are there changes that you foresee that will impact what we are doing??

Q6: Process Question: How shall we conduct future Advisory Council meetings? We would like to propose a change from bi-annual in person meetings to more frequent (perhaps quarterly) virtual meetings. What are your thoughts? Also, are there significant benefits to splitting up the Advisory Council in terms of interest in our project themes (Acute Hazards, Chronic Hazards, Equitable Resilience, Economics of Risk) or shall we continue to meet as a full group and focus on the integration of the themes. Finally, have you seen or experienced any tips or tricks for these types of zoom/webex/virtual meetings that we should try?

Please feel free to email Peter Ruggiero (pruggier@coas.oregonstate.edu**) and/or Pat Corcoran (**Patrick.corcoran@oregonstate.edu) **with any thoughts on the above questions or other issues relevant to this project.**

Zoom/Call-in Information:

Topic: Envisioning Coastal Futures: Advisory Council Meeting

Time: May 19, 2020 10:00 AM Pacific Time (US and Canada)

Join Zoom Meeting

https://oregonstate.zoom.us/j/97744699218

Phone Dial-In Information

+1 971 247 1195 US (Portland)

+1 253 215 8782 US (Tacoma)

+1 301 715 8592 US (Germantown)

Meeting ID: 977 4469 9218

Join by Polycom/Cisco/Other Room System

97744699218@zoomcrc.com

Project/Meeting Overview:

This is the third Advisory Council meeting for the '*Envisioning a Resilient Oregon Coast: Co-developing alternative futures for adaptation planning and decision-making*' project. Our 3-year project is built on the premise that adaptive capacity for hazard resilience can be realized by examining - and assigning value to - common resilience decisions and their trade-offs at varying scales (communities, counties, and coast-wide). These decisions include questions regarding whether to protect infrastructure with hard engineering backshore protection structures or natural or nature-based features such as dune restoration projects and beach nourishment. Our transdisciplinary research team is developing, applying, and assessing a transferable framework to improve coastal community adaptation and resilience to chronic and acute hazards.

Project Team Member Contacts:

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