CIRC Spokane Community Adaptation Project

July 26th, Webinar Highlights

On July 26th, 2018, members of the Pacific Northwest Climate Impacts Research Consortium (CIRC) and members of the Spokane community came together for the first in a series of webinars designed to further the Spokane Community Adaptation Project (SCAP), a joint effort between CIRC and the community of Spokane.

The webinar explored *coproduction*, a collaborative process between researchers and *stakeholders*—people and organizations with a stake in a given issue. Coproduction has been central to multiple CIRC Community Adaptation efforts and is currently guiding the SCAP effort.

For the webinar, CIRC enlisted two former Community Adaptation project collaborators to describe what coproduction with CIRC looks like. The two presenters were Casey Dennehy, Washington Coast Project Coordinator for the nonprofit Surfrider Foundation who worked with CIRC on the Grays Harbor Coastal Futures project, and Kavita Heyn, Climate Science Program Manager at Portland Water Bureau who worked with CIRC on the Piloting Utility Modeling Applications (PUMA) project.

To help demystify CIRC research further, CIRC Co-Lead and Oregon State University Professor Philip Mote gave a brief overview of climate science, climate models, and how climate research can be applied at the community level.

Casey Dennehy
Washington Coast Program Manager
Surfrider Foundation
Grays Harbor Coastal Futures

Casey Dennehy—Start Time: 2:35

Casey Dennehy discusses his role as a stakeholder participant in the Grays Harbor Coastal Futures project and how the coastal community of Grays Harbor, Washington, is vulnerable to erosion and sea level rise.

Kavita Heyn
Climate Science Program Manager
Portland Water Bureau
Piloting Utility Modeling Applications (PUMA)

Kavita Heyn—Start Time: 15:58

Kavita Heyn discusses the Portland Water Bureau's role providing water for the city of Portland, Oregon. As part of the PUMA project, CIRC researchers worked with the water utility to help build the utility's internal capacity to plan for and respond to projected climate impacts to the Bull Run Watershed.

Advice for SCAP Participants:

- Think critically about how a project's information will be used. (Dennehy)
- Involve decision makers early and regularly in the coproduction process. (Dennehy)
- Build internal capacity at the community level. (Heyn)
- Understand your system before you start thinking about impacts. (Heyn)
- Don't get paralyzed by the amount of information. (Heyn)
- Plan for multiple future scenarios. (Heyn)
- Adaptation is part of an ongoing process. (Heyn)
- Don't be too broad. Narrow your focus. (Heyn & Dennehy)
- Plan for where you want to end up. (Heyn & Dennehy; Discussion—Start Time: 30:45)

CIRC Climate Impacts Research Consortium
A NOAA RISA TEAM

RISA Regional Integrated Sciences and Assessments

Philip Mote
CIRC Co-Lead
Oregon State University

Philip Mote—Start Time: 45:55

Mote outlines the science underlying climate change, the differences between global and regional climate models, and the sources of uncertainty associated with climate change, including whether the rate of greenhouse gas emissions will change and the responsiveness of the climate system to those emissions.

Spokane Community Adaptation Project

Next Steps:

- Complete Survey: CIRC Spokane Community Adaptation Project July 26th Webinar Survey

- Toolbox Webinar Looking at Spokane Data with John Abatzoglou —Late September, 2018.

Resources:

- July 26th Webinar—CIRC Spokane Community Adaptation Project
- Spokane Community Adaptation Project Web Page

CIRC
Climate Impacts Research Consortium
A NOAA RISA TEAM

RISA
Regional Integrated Sciences and Assessments