“Research in Action” Podcast Instructor Guide

Use the following episode description, learning objectives, guiding questions and activity suggestions to more easily include “Research in Action” podcast episodes as a supplemental resource for your course.

Oregon State University

Dr. Michelle Covi on Sea Level Rise Research [00:00-35:59]

Research in Action - Episode 134

Podcast and Episode Information

"Research in Action" is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Michelle Covi, an assistant professor of practice at Old Dominion University in the Department of Ocean, Earth and Atmospheric Sciences and a Virginia Sea Grant extension partner. She conducts research and outreach activities for climate adaptation and coastal resilience efforts for Virginia with an emphasis on Hampton Roads. Her research areas include sea level rise and resilience risk perception and communication, public participation in adaptation planning processes and engagement/outreach practices. She co-organizes the Hampton Roads Sea Level Rise/ Flooding Adaptation Forum, a quarterly meeting of adaptation stakeholders and co-chaired the Citizen Engagement Working Group of the Hampton Roads Intergovernmental Pilot Project. She completed her doctorate in Coastal Resources Management at East Carolina University, where her focus was on sea level rise risk communication and policy. She has a Masters degree in Marine Science from University of Georgia where she studied salt marsh ecology.

Segment One [00:00-11:57] - In this segment, Michelle shares about her research on sea level rise.

Segment Two [11:58-23:20] - In this segment, Michelle shares about her work with sea level rise preparation.

Segment Three [23:21-35:59] - In this segment, Michelle discusses the interdisciplinary nature of her work.

Show notes and a transcript for this episode can be found at: http://ecampus.oregonstate.edu/research/podcast/e134/

Learning Outcomes

By listening to this episode, students will be able to:

- Explain how sea level rise is measured
- Discuss the potential effects of sea level rise on coastal cities
- Provide an example of how sea level rise research can be interdisciplinary

Guiding Questions for Listening

- What are salt marshes?
- What does Dr. Covi explain are some of the different ways in which sea level rise can be measured?
- According to Dr. Covi, what are some of the ways sea level rise is affecting coastal cities?
- What does Dr. Covi share are some of the ways research on sea level rise is being communicated to the public?
- What does Dr. Covi share have been some successful strategies for engaging with the public on sea level rise research?
- What does Dr. Covi explain are some of the ways they are engaging students in seal level rise research?
- What are some of the ways in which sea level rise research can be interdisciplinary?

Possible Activities

- Ask students to visit the show notes for this episode (http://ecampus.oregonstate.edu/research/podcast/e134/) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.

- Ask students to visit the show notes for this episode (http://ecampus.oregonstate.edu/research/podcast/e134/) and post an additional resource connected to the content of the episode in the comments section.

- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Michelle Covi if they could?

Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, October 22). *Dr. Michelle Covi on Sea Level Rise Research.* [Audio podcast]. Retrieved from http://ecampus.oregonstate.edu/research/podcast/e134/

Notes

About the Research in Action Podcast

"Research in Action" (RIA) is a podcast about topics and issues related to research in higher education featuring experts across a range of disciplines. Episodes are posted weekly and include guest interviews and occasional solo episodes. Guests are from a range of higher education institutions and share their expertise on qualitative, quantitative and mixed methods as well as their personal experiences as researchers, research and writing practices, organizational and productivity strategies, and much more. Some weeks, bonus content will also be posted.

"Research in Action" is hosted by Dr. Katie Linder, research director for Oregon State University Ecampus.

Visit the podcast website to view show notes and transcripts for each episode, explore our episode guide, learn more about how to contact us, or suggest a future guest or topic.

You may subscribe to the "Research in Action" RSS feed or access the podcast via iTunes, Soundcloud or Stitcher. "Research in Action" is also listed on MERLOT.

The "Research in Action" podcast is a resource funded by Oregon State University Ecampus – ranked top ten in the nation for online education two years running by U.S. News & World Report. OSU Ecampus has more than 45 degree programs and more than 1,000 classes online.

Contact

Katie Linder, Ph.D.
Director of Research
Oregon State Ecampus
541-737-4629
kathryn.linder@oregonstate.edu

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