



## Meet our Presenter

### Assessing the Feasibility and Implications of Managed Retreat Strategies for Vulnerable Coastal Areas in Hawai'i

**Sandy Ma** is a Project Analyst with the State of Hawai'i Office of Planning Coastal Zone Management Program. As a Project Analyst, Ms. Ma concentrates on coastal hazards, climate change and sea level rise issues. Ms. Ma's specific projects include *Assessing the Feasibility and Implications of Managed Retreat Strategies for Vulnerable Coastal Areas in Hawai'i* and *Development of Comprehensive High Resolution Probabilistic Tsunami Design Zone Maps for the Island of O'ahu*. Ms. Ma is also the coordinator for the Hawai'i Greenhouse Gas Sequestration Task Force, which is charged with increasing greenhouse gas sequestration in Hawai'i's agricultural and natural environments.

## Management Priorities #1 & 2

Managed Retreat is an adaption option that removes vulnerable coastal structures from areas threatened by coastal hazards. The factors governing such considerations—financing, insurance, legal, policy, public access, open space, and social justice—make the conversation around managed retreat complex and fascinating. After deeming an assessment of the potential for managed retreat in the state of Hawaii a priority of the ORMP Action Team for Management Priorities #1 & 2, the project *Assessing the Feasibility and Implications of Managed Retreat Strategies for Vulnerable Coastal Areas in Hawai'i* was developed. Our March presenter will share the final output of this ORMP Action Team Implementation Project and discuss the synthesis of the project's background report, statewide case studies, and January 2018 Managed Retreat Symposium into a final report.

Following this presentation, please join us for an optional viewing of *Sinking Cities: Miami*, a PBS documentary covering many sea level rise-related issues analogous to those faced in Hawaii.

## Action Team Implementation

### *Action Plan Goal C-6, Options to Retreat Threatened Development:*

"Expand efforts (e.g., under Act 83, SLH 2014) to assess the feasibility and implications of implementing managed retreat strategies (e.g., shoreline armoring restrictions, rebuilding restrictions, structure removal requirements, acquisition and buy-out programs, conservation easements, rolling easements, etc.) to gradually shift threatened development inland and away from vulnerable coastal areas."

## Questions?

Contact Melanie Lander  
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## Resources

[2013 Ocean Resources Management Plan](#)

[\(ORMP\)](#)

[ORMP Dashboard](#)