



Building Climate Risk Assessments from Local Vulnerability and Exposure

September 19 & 21, 2023

11:00-12:30 and 15:00-16:30 EDT (UTC-4)

This ARSET Training will describe climate risk assessment approaches that originate with stakeholder expertise in the fundamental climate vulnerability and exposure of their system. By identifying at-risk assets and the types of climate conditions that drive problematic responses, stakeholders and scientists can co-develop risk information targeting specific climatic impact-drivers and utilizing climate observations and projections sets selected to suitably address those risks. The training will provide an assessment and engagement framework and utilize examples from the NASA Climate Adaptation Science Investigators (CASI) Program that is preparing NASA facilities for future climate resilience.

Part 1: Theoretical Framework for Demand-Driven Climate Adaptation Support

Trainers: Alex Ruane and Sanketa Kadam

- Basic Approach and Climate Risk Theory
- Resources and Tools
- Demonstrative Examples
- End-to-End Examples
- Q&A Session

Part 2: Developing Climate Adaptation Support for NASA Centers

Trainers: Alex Ruane and Sanketa Kadam

- Overview of NASA Products
- Risk to NASA Centers
- Closing Thoughts, Future Directions
- Q&A Session



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community through remote
sensing training.