Selecting Climate Change Projection Sets for Mitigation, Adaptation and Risk Management Applications

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

Projections of climate change from global climate models are a fundamental basis for mitigation, adaptation, and risk management planning across many elements of society and ecosystems around the world. Depending on the application need, scientists can use a variety of climate modeling projection sets with a range of distinguishing factors. Although the future will likely be shaped by a combination of mitigation, adaptation, and risk planning, the distinctions between these application areas can impact the choice of which climate projection set to use.

This two-part webinar series will provide an overview of resources for choosing climate projection sets for mitigation, adaptation, and risk management applications. The webinar will give an overview of application areas, define a list of distinguishing characteristics of climate projection sets, and then highlight the main benefits and drawbacks of different types of projection sets.

Part 1: What makes projection sets different?

- Overview of application areas (mitigation, adaptation, risk)
- Where climate projection sets come from
- Key distinguishing features between climate projection sets

Part 2: How do you choose a projection set for your application?

- How to avoid using antiquated versions
- Tradeoffs in using more complex climate projection sets
- Selecting an appropriate climate projection set given application needs
- Supporting materials that make a climate projection set more appealing

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