

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Committee to Advise the US Global Change Research Program

July 16-18, 2018 Meeting

Public Agenda

NAS Building, Room 120
2101 Constitution Avenue NW
Washington, DC

Monday, July 16, 2018

4:00 PM – 6:00 PM *Closed session*

Tuesday, July 17, 2018

8:30 AM *Breakfast*

OPEN SESSION

9:00 AM	Welcome & Introductions	Tony Janetos, Chair Kris Ebi, Vice Chair
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9:15 AM	Updates from USGCRP • General Updates • Plans for Update to the Strategic Plan Discussion	Mike Kuperberg, Executive Director, USGCRP Andy Miller, EPA
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10:30 AM *Break*

10:45 AM	Update from IAC on Applied Climate Assessment Discussion	Richard Moss, Columbia University
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Noon	Update on Relevant NAS Activities over Lunch	Amanda Staudt & Amanda Purcell
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Discussion Forum: Research Agenda for Adaptation Science

Goal: Convene a discussion forum to scope a (federal) research agenda to support better adaptation decisions (not directly helping communities adapt), utilizing iterative risk management framework.

1:00 PM **Setting the stage/ Scope of adaptation research** **Tony Janetos**

1:30 PM **Adaptation Research for Iterative Risk Management** *(5 min per panelist)*

What are the fundamental research needs in adaptation science? For each area/sector: what are the risks and how advanced is adaptation? Describe research needs on a particular dimension of adaptive management, focusing on research needs not data needs.

- Establishing Decision-making Criteria – **Tom Dietz, Michigan State**
- Assessing Risks – **Jonathan Overpeck, University of Michigan**
- Identifying/Appraising Options: Water – **Paul Fleming, Microsoft**
- Identifying/Appraising Options: Transportation – **Gerry Schwartz, Independent Consultant**
- Stakeholder Engagement – **Amy Snover, University of Washington**

Discussion

3:00 PM *Break*

3:30 PM **Perspectives on Federal Programs, Investments, and Needs** *(5 min per panelist)*

What research in either biophysical or social systems would most benefit the decisions you have to make to manage resources sustainably? How do your decisions with respect to other environmental and social changes (e.g. property development, changes in water use) interact with decisions that are more targeted at climate change and sea-level rise? What are the metrics that you use to evaluate success in adaptation/management decisions?

- **Doug Mason, MCC**
- **Sam Higuchi, NASA**
- **Claudia Nierenberg, NOAA**
- **Marlen Eve, USDA**
- **Sarah Zerbonne, USGCRP**

Discussion

5:00 PM Synthesis/discussion of next steps **Tony Janetos**

5:30 PM *Adjourn*

Wednesday, July 18, 2018

8:30 AM *Breakfast*

OPEN SESSION

9:00 AM WCRP Strategic Plan 2019-2029 **Guy Brasseur, WCRP Joint Scientific Committee Chair**

10:00 AM	Discussion about climate model downscaling	Tony Janetos
10:45 AM	<i>Break</i>	
11:00 AM	Assessment Updates and Planning	David Reidmiller, Director, NCA
Noon	<i>Lunch</i>	
1:00 PM – 3:00 PM	<i>Closed session</i>	