

# Catalyzing Opportunities for Research in the Earth Sciences (CORES): A Decadal Survey for NSF's Division of Earth Sciences

## Committee Meeting 2

Beckman Center of the National Academies  
100 Academy  
Irvine, CA 92617

January 14, 2019

### OPEN SESSION AGENDA

---

*8:30-10:15 a.m. – Closed Session with Committee and Staff Only*

**10:30 a.m. Welcome and Introductions** *Jim Yoder, Committee Chair*

- Committee and participant introductions
- Brief overview of the Academies, CORES study, and committee process
- Expectations for today's meeting and how information might be used

**11:00 a.m. Lightning Talks on Research Topics**

- In-depth introduction to each participants' interests, to set the stage for further discussions
- Each participant spends 3-5 minutes discussing their research area
- 1-3 powerpoint slides (slides will be available publicly, so please credit any images and do not put in proprietary information)
- Q&A with committee

*Participants:*

*Maryjo Brounce, University of California, Riverside*  
*Joern Callies, Caltech*  
*Joe Carlin, California State University, Fullerton*  
*Parveen Chhetri, California State University, Dominguez Hills*  
*Jennifer Cotton, California State University, Northridge*  
*Roby Douilly, University of California, Riverside*  
*Heather Ford, University of California, Riverside*  
*Naomi Levine, University of Southern California*  
*Vali Memeti, California State University, Fullerton*  
*Nikki Moore, Pomona College*  
*Mathieu Morlighem, University of California, Irvine*  
*Kingsley Odigie, University of California, Riverside*  
*Matt Weingarten, San Diego State University*

- 12:15 p.m.**      **Small Group Discussion 1 – Research** (*Dining Room*)
- Discussion over lunch, provided in the dining room
  - Committee and participants will be assigned groups to sit with based on research interests
  - Rapporteurs capture overarching themes and highlights
  - Select 1-2 participants to present in plenary
- Guiding questions:*
1. *What are the most exciting or highest-priority questions for the next decade, in your field or across Earth sciences?*
  2. *What infrastructure, facilities, or instrumentation will be needed to answer these questions?*
  3. *How do you see your field evolving?*
- 1:30 p.m.**      **Small Group Discussion 2 – Challenges and Opportunities** (*Rooms TBD*)
- Committee and participants will be assigned to different groups
  - Rapporteurs capture overarching themes and highlights
  - Select 1-2 participants to present in plenary
- Guiding questions:*
1. *What is your experience submitting proposals to [NSF's Division of Earth Science \(EAR\)](#) or other divisions?*
  2. *Besides research funding, what opportunities could EAR provide to help advance your career (e.g., support staff, training)?*
  3. *What are the greatest barriers or challenges to the development of your research program? Which of these could EAR address in definitive ways?*
- 2:15 p.m.**      Break
- 2:30 p.m.**      **Plenary**
- Return to auditorium
  - Presentations from each small group about overarching themes and highlights
  - Discussion with entire group
- 3:15 p.m.**      **Concluding Remarks**      *Jim Yoder, Committee Chair*
- 3:30 p.m.**      *Open session adjourns*