

Methods, Approaches, and Datasets for Extreme Event Attribution

Information Gathering Session for the Consensus Study on Attribution of Extreme Weather and Climate Events and their Impacts

[MEETING REGISTRATION & EVENT LIVESTREAM LINK](#)

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Code # EEAMethods



Purpose

- What methodologies, including both modeling and data/statistical methods, are currently being used for extreme event attribution?
- Where is the future development of EEA methods headed?
- What are challenges and opportunities of standardizing methods, approaches, and datasets across extreme event types, regions, landscapes, etc.?
- How can EEA methods/approaches and datasets (supporting and resulting) be improved to answer EEA questions and support EEA applications/uses?

MONDAY, MARCH 3, 2025, 11AM–2PM ET (ALL TIMES SHOWN IN ET)

11:00–11:10 Welcome and Meeting Agenda

Jim Hurrell, Committee Chair

11:10–12:00 Panel 1: Well-Established Methodologies Used for Extreme Event Attribution

Moderator: Kevin Reed, Committee Member

Speakers:

- **Peter Stott**, Met Office and University of Exeter, UK
- **Clair Barnes**, Imperial College
- **Davide Faranda**, LSCE at CNRS

12:00–12:50 Panel 2: Emerging Methods for Extreme Event Attribution

Moderator: Danielle Touma, Committee Member

Speakers:

- **Kate Marvel**, National Aeronautics and Space Administration
- **Nicholas Leach**, Oxford University
- **Laurent Terray**, Cerfacs
- **Sebastian Sippel**, Leipzig Institute for Meteorology

12:50–1:00 BREAK

1:00–2:00 Panel 3: Future Directions – Opportunities for Standardizing and Improving Methods, Approaches, and Datasets for Extreme Event Attribution

Moderator: Deepti Singh, Committee Member

Panelists:

- **Clair Barnes**, *Imperial College*
- **Davide Faranda**, *LSCE at CNRS*
- **Nicholas Leach**, *Oxford University*
- **Kate Marvel**, *National Aeronautics and Space Administration*
- **Sebastian Sippel**, *Leipzig Institute for Meteorology*
- **Peter Stott**, *Met Office and University of Exeter, UK*
- **Laurent Terray**, *Cerfacs*

2:00 MEETING ADJOURNS