

# 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, Cefacs
- 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, Cefacs**

**2:00      MEETING ADJOURNS**