

# Modernizing Probable Maximum Precipitation Estimation Modeling Extreme Precipitation for Modernizing PMP in a Changing Climate Information-Gathering Session

DATE: MAY 11, 2-5 PM EDT

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## Guiding Questions

- What modeling approaches can yield insights about PMP-magnitude rainfall in the current and future climates?
- How can climate modeling be used for calculating and updating PMP in the current and future climates?
- How can climate modeling contribute to/be combined with storm transposition methods used for computing PMP?
- What are the most important sources of uncertainty in modeling extreme precipitation for PMP estimation?

**2:00–2:10**      **Welcome, Housekeeping, Introduction**

**2:10–3:00**      **Session 1: What can climate models do for PMP?**

**2:10–2:35**      **Christoph Schär, *ETH Zurich***

**2:35–3:00**      **Kevin Reed, *Stony Brook University***

**3:00–3:30**      **Session 2: How well can climate models simulate different storm types?**

**3:00–3:30**      **Andreas Prein, *National Center for Atmospheric Research (NCAR)***

**3:30–3:35**      **Break**

**3:35–4:30**      **Session 3: Panel on uncertainty in simulating extreme precipitation**

**Paul Ullrich, *University of California, Davis (UC Davis)***

**Kristen Rasmussen, *Colorado State University (CSU)***

**Michael Wehner, *Lawrence Berkeley National Laboratory (LBNL)***

**4:30–5:00**      **Final questions and closing remarks**