

Workshop on North American THORPEX Societal & Economic Research & Applications

Agenda

NCAR Foothills Laboratory, EOL Atrium

Monday August 14

- 8:00 AM Light continental breakfast available in EOL Atrium
- 8:30-9:20 **Welcome, goals of workshop, participant introductions**
- 9:20-10:00 **Introduction to THORPEX**
Session chair: Barbara Brown
(each talk: 15 min. + 5 min. for questions)
David Parsons: Brief overview of THORPEX
Jeffrey Lazo: Brief overview of THORPEX Societal and Economic Research and Applications (SERA) Program
- 10:00-10:20 Break
- 10:20-12:00 **Background and Cross-cutting Themes**
Session chair: Barbara Brown
(each talk: 15-20 min. + 5 min. for questions)
Rebecca Morss: Defining high-impact weather forecasts in N. America
Jeffrey Lazo: Framing use and value of weather forecasts
Eugene Poolman: Transferring benefits to developing countries
Discussion
- 12:00-12:15 Group picture
- 12:15-1:30 Lunch
- 1:30-3:15 **Focal Theme I: Predicting hazardous weather impacts and communicating forecast uncertainty**
Session chair: Dan O'Hair
(each talk: 15 min. + 5 min. for questions)
Harold Brooks: Overview of Theme I Discussion Paper
Cody Knutson: Predicting impacts and communicating forecast uncertainty in the case of drought
Walter Peacock: Communicating forecast uncertainty and hazard warning research: Some uncertain research issues
Discussion

- 3:15-3:35 Break
- 3:35-5:20 **Focal Theme II: User-relevant forecast verification**
Session chair: Barbara Casati
 (each talk: 15 min. + 5 min. for questions)
Barbara Brown: Overview of Theme II Discussion Paper
Michael Baldwin: Verification of weather phenomena
Paul Roebber: User-relevant forecast verification: Some questions
Laurie Wilson: User-oriented verification – Some issues
 Discussion
- 5:20-5:30 Wrap-up and overview of Tuesday morning breakout groups
- 6:30-8:30 Dinner at NCAR Mesa Laboratory (Damon Room)

Tuesday August 15

- 8:00 AM Light continental breakfast available in EOL Atrium
- 8:30-10:15 **Breakout groups for focal themes I & II** (4 groups, each discusses both themes)
Breakout group leaders: Eve Gruntfest, Gregory Holland, Susan Joslyn, Alan Stewart
- 10:15-10:45 Break
- 10:45-12:00 **Presentations from theme I & II breakout groups, discussion**
Session chair: Rebecca Morss
 (each group: 5-10 min. presentation + discussion)
- 12:00-1:30 Lunch
- 1:30-3:15 **Focal Theme III: Economic value of weather forecasts and use of forecast information in decision-making)**
Session chair: Steven Stewart
 (each talk: 15 min. + 5 min. for questions)
Philip Ganderton: Overview of Theme III Discussion Paper
Irving Leveson: What does economics have to do with weather forecasting?
Douglas Smith: Valuing meteorological products and services: Some Canadian evidence
 Discussion
- 3:15-3:35 Break

- 3:35-5:20 **Focal Theme IV: Developing decision support products and systems**
Session chair: John Gaynor
 (each talk: 15 min. + 5 min. for questions)
Brian Mills: Overview of Theme IV Discussion Paper
Brian Bush: Decision support for extreme weather impacts on critical infrastructure
William Mahoney: Decision support systems – Engaging end users
 Discussion
- 5:20-5:30 Wrap-up and overview of Wednesday morning breakout groups

Wednesday August 16

- 8:00 AM Light continental breakfast available in EOL Atrium
- 8:30-10:15 **Breakout groups for focal themes III & IV** (4 groups, each discusses both themes)
Breakout group leaders: John Cahir, Lisa deBaie, Konstantine Georgakakos, Lloyd Treinish
- 10:15-10:35 Break
- 10:35-11:50 **Presentations from theme III & IV breakout groups, discussion**
Session chair: Jeffrey Lazo
 (each group: 5-10 min. presentation + discussion)
- 11:50-1:00 **Closing discussion, next steps**
- 1:00 PM Lunch, workshop ends