

**AGU Precipitation Committee Meeting**  
2004 Fall Meeting, San Francisco  
16 December 2004

**Participants**

Allen Bradley, Yang Hong, Rick Lawford, John Roads, John Schaake

**AGU Meeting Planning**

*2004 AGU Spring Meeting (New Orleans)*

The formal deadline for special sessions for the joint meeting has past. The approved special sessions from the Precipitation Committee are:

- Remote Sensing of Precipitation (POSTER ONLY)
- North American Summer Monsoon: Understanding its Interannual and Intra-Annual Variability and Implications to Water Resources Management Session
- Ensemble and Probabilistic Estimation and Forecasting of Precipitation for Hydrologic Prediction

The committee is also sponsoring a Union Frontier Lecture on “Opportunities, Challenges, and Benefits of Spaceborne Precipitation Estimation”.

*2005 AGU Fall Meeting (San Francisco)*

The deadline for submitting approved special session descriptions to the Hydrology Fall Meeting Program Chair is early June 2005.

Topics for special sessions were discussed for the Fall Meeting:

- *Role of Precipitation in Atmospheric and Land Surface Data Assimilation*  
This issue is becoming more prominent. Precipitation products will soon be used as part of the next generation of atmospheric model reanalysis. Precipitation is already heavily use as part of land data assimilation. John Roads and Ana Nunez will take the lead in organizing this session.
- *Mountain Precipitation*  
The committee discussed the need for a mountain precipitation or mountain hydrology session. The Policy Sciences Technical Committee is already planning a session on Colorado River issues. Individuals willing to help in future discussions are Rick Lawford and John Schaake. Rick will contact Ana Barros (who expressed interest in such a session last Fall); John has some ideas from Art Henkel’s (NWS) DMIP mountain work.
- *Precipitation Product Development and Evaluations (Posters)*  
There is ongoing work to develop precipitation products over a range of space (local to global) and time scales (minutes to monthly) using multiple sensors (satellites, radar, and gauges). This session would focus on product generation, evaluation and uncertainty analysis, and error propagation. Atmospheric science applications would also be encouraged. Yang Hong will take the lead in organizing this session.

- *Coordinated Enhanced Observing Period (CEOP)*  
No session will be planned for the Fall meeting. However, a session should be considered for the 2006 Spring Meeting.

#### *Other Upcoming Meetings*

CEOP/IGWCO Joint Meetings, 28 Feb – 4 March 2005, Tokyo, Japan  
(<http://www.eorc.jaxa.jp/event/2004/ceop.igwco/index.html>)

1st Workshop of TIGGE (THORPEX Interactive Grand Global Ensemble), 1-3 March 2005, at ECMWF (Reading, UK)  
(<http://www.ecmwf.int/newsevents/meetings/workshops/2005/TIGGE/>)

Pan-WCRP Monsoon Workshop, 15-17 June 2005, Irvine, California

5<sup>th</sup> International Scientific Conference on the Global Energy and Water Cycle, 20-24 June 2005, Orange County, California (<http://www.gewex.org/5thconf.htm>)

2<sup>nd</sup> HEPEX Workshop, 19-22 July 2005, at NCAR (Boulder, Colorado)

#### **Discussion Topics**

Several items were discussed by the committee:

- Some ongoing precipitation-related experiments were briefly discussed, including (1) the AMA Field Experiments (2005-2007) in Western Africa; (2) radar precipitation climatology efforts at NCDC and NWS (Bates and Seo); and (3) a NEXRAD-ITR project at the University of Iowa-Princeton-UNIDATA-NCDC.
- In the late-1980s, the Precipitation Committee wrote a white paper on future visions. It was a very influential document. Should we do something like that again? Is the Precipitation Committee the right place for this? A recommendation was made to find and review the white paper, which was published in *Eos* (about the time of the 1st International Precipitation Conference).
- The need to identify new members for the Precipitation Committee was discussed. One idea was to assign the task to members to bring a potential new member to the next meeting.
- The committee should try to identify members for nomination for the Section Award and as Fellows in the Union.