

**19th Session of the Scientific Steering Group of the
Global Energy and Water Cycle Experiment**

**East-West Center
Honolulu, Hawaii
22-26 January 2007**

The primary purpose of this meeting is to examine the GEWEX program structure and to determine how GEWEX can strengthen its contributions to WCRP priority activities and to associated programs.

Monday, 22 January 2007:

08.00 – 09.00: Executive Session:

(Session for SSG members only to discuss background, issues and what the SSG meeting should achieve)

08.30 – 09.00: Registration

09.00 – 09.15: 1. Introduction and Welcoming Remarks

- 1.1: Welcome from Chair of GEWEX SSG (Soroosh Sorooshian)
- 1.2: Remarks by a Representative from the East-West Center (Jay McCready)

09.15 – 10.45: 2. Overview of Activities and Plans

- 2.1: Chairman's Report (Soroosh Sorooshian)
- 2.2: International GEWEX Project Office Report (Rick Lawford)
- 2.3: European GEWEX Coordination Activities Report (Peter van Oevelen)
- 2.4: Chinese GEWEX Coordination Activities Report (Yuping Yan)
- 2.5: Review of Outstanding Action Items from the Last JSC, the 18th GEWEX SSG Meeting, and the Pan-GEWEX Meeting

10.45 – 11.15: BREAK

11.15 – 12.00: 3. GEWEX Plans

- 3.1: Update on the GEWEX Roadmap (Rick Lawford)
- 3.2: Overview of the JSC GEWEX Roadmap Review and its Recommendations (Tetsuzo Yasunari)

12.00 – 13.00: LUNCH

13.00 – 13.30: 4. Presentation on Local Projects

- 4.1: NOAA Applications Research in the Hawaii Region (Eileen Shea)

13.30 – 14.30: 5. Relations Between GEWEX and THORPEX

- 5.1: THORPEX Presentation (Jim Caughey)
- 5.2: Summary of GEWEX Links with THORPEX (TBD)
- 5.3: Discussion on Next Steps

14.30 – 15.30: 6. Relations Between GEWEX and iLEAPS

- 6.1: iLEAPS Presentation (Pavel Kabat)
- 6.2: Summary of GEWEX Links with iLEAPS (Peter van Oevelen/Rick Lawford)
- 6.3: Discussion on Next Steps

15.30 – 16.00: BREAK

- 16.00 – 17.00: 7. **GEWEX and International Coordination Programs for Observing Activities**
7.1: Panel Overviews
GCOS (Gilles Sommeria)
IGOS [IGWCO and CRYO] (Rick Lawford)
GEO (Gilles Sommeria)
WOAP (Bill Rossow)
7.2: Discussion on GEWEX Participation in International Coordinating Programs for Observing Activities
7.3: Discussion on Next Steps

- 17.00 – 18.00: 8. **GEWEX and GWSP**
8.1: GWSP Presentation (Lydia Dümenil Gates)
8.2: HAP (Eric Wood)
8.3: Discussion on Next Steps

18.30: WELCOME COCKTAIL RECEPTION

Tuesday, 23 January 2007:

- 08.30 – 09.30: 9. **Status of GEWEX Hydrometeorology Panel**
9.1: GHP Overview and GHP Contributions to the GEWEX Roadmap (John Roads)
9.2: CPPA (John Roads for Jin Huang)
9.3: NEESPI (Pasha Groisman)
9.4: Response to 2006 Rapporteurs' comments (if necessary)
- 09.30 – 10.30: 10. **Status Report on CEOP**
10.1: CEOP Overview and CEOP Contributions to the GEWEX Roadmap (Toshio Koike)
10.2: WESP (John Roads)
10.3: CIMS (Bill Lau)

10.30 – 10.45: BREAK

- 10.45 – 11.15: 10. **CEOP (*Continued*)**
10.4: Data Systems (Steve Williams)
10.5: Response to 2006 Rapporteurs' comments (if necessary)
- 11.15 – 12.30: 11. **A Combined Future for CEOP and GHP**
11.1: Background to the CEOP/GHP Merger (Soroosh Sorooshian)
11.2: Summary of the CEOP/GHP Merger Plan (Toshio Koike)
11.3: Summary of reactions and concerns to the Merger Plan and how the Merger Plan has been adapted to address these concerns (John Roads)
11.4: Discussion, Decision and Next Steps

12.30 – 13.30: LUNCH

- 13.30 – 14.15: 12. **Science Talks and Observational System Updates**
12.1: TRMM data and latent heating estimates (Bob Houze/ Wei-Kuo Tao)
12.2: JAXA Precipitation Measurement Programs (Riko Oki)
12.3: Updates on the Decadal Survey and NEWS (Jared Entin)

14.45 – 15.15: BREAK

- 15.15 – 17.00:** **13. Plans for Pan-WCRP Monsoon Activities**
13.1: Background (Rick Lawford)
13.2: GEWEX Monsoon Activities (Jun Matsumoto)
13.3: CLIVAR Monsoon Activities (Bin Wang)
13.4: The International Year of Convection (Duane Waliser)
13.5: Content of the JSC Submission on Monsoons
13.6: Discussion

- 17.00 – 18.00:** **14. Second Executive Session**
(Review of outcomes from Days 1 and 2: SSG Members and Panel Chairs)

Wednesday, 24 January 2007:

- 09.00 – 10.15:** **15. GEWEX Modelling and Prediction Panel (GMPP)**
15.1: Overview of GMPP Activities and GMPP Contributions to the GEWEX Roadmap (Christian Jakob)
15.2: GCSS Activities (Pier Siebesma)
15.3: Summary of GMPP interactions with WGNE, WGCM and WMP

10.15 – 10.45: BREAK

- 10.45 – 11.45:** **15. GEWEX Modelling and Prediction Panel (*Continued*)**
15.4: GCSS and the Cloud Feedback MIP (Christian Jakob)
15.5: GEWEX Interactions with Modelling Panels – What Works and What Does Not (Christian Jakob)
15.6: GMPP Response to 2006 SSG Comments on GMPP (Christian Jakob)
15.7: Summary and Actions Needed

11.45 – 12.45: LUNCH

13.00 – Evening: Excursion to the Polynesian Cultural Center with Dinner Included (Optional)

Thursday, 25 January 2007:

- 08.30 – 10.15:** **16. GEWEX Radiation Panel (GRP)**
16.1: Status of GRP Projects and Assessments and GRP Contributions to the GEWEX Roadmap (William Rossow)
16.2: Actions Needed from the SSG

10.15 – 10.30: BREAK

- 10.30 – 12.00:** **17. Scientific Presentations:**
17.1: EUMETSAT's Satellite Applications Facility (Martin Werscheck)
17.2: CloudSat and its Implications for Global Data Sets (Bill Rossow)
17.3: Monsoon Research Needs (Bin Wang)

12.00 – 13.00: LUNCH

- 13.00 – 14.30:** **18. GEWEX Links with CLIVAR, CliC and SPARC**
18.1: Overview of CLIVAR (Howard Cattle)
18.2: CliC/GEWEX Interactions (Peter van Oevelen)
18.3: Review of the SPARC/GEWEX Workshop on the Role of Convection in the TTL (Christian Jakob)
18.4: Discussion on Next Steps and Future Interactions
- 14.30 – 15.00:** **19. Discussion of Possible Locations for the 6th International Scientific Conference on the Global Water and Energy Cycle**
19.1: Presentation of the Options
19.2: Decision

15.00 – 15.30: BREAK

- 15.30 – 16.30:** **20. 2007 Rapporteur Comments on GEWEX Activities and the Contributions of Panels to GEWEX Roadmap**
20.1: Merged CEOP/GHP
20.2: GMPP
20.3: GRP
20.4: Other Issues

- 16.30 – 17.30:** **21. Third Executive Session**
(Review of outcomes from Day 3 and Day 4: SSG Members and Panel Chairs)

Friday, 26 January 2007:

- 08.30 – 10.00:** **22. Discussion of Inputs to WCRP priorities for the Next JSC Meeting**
(These discussions will proceed with a very preliminary outline of the issue, discussion about what GEWEX needs or wants to add and the conclusion or position GEWEX wishes to promote)
22.1: Extremes
22.2: Anthropogenic Climate Change
22.3: Decadal Prediction
22.4: Aerosols
22.5: IPY

10.00 – 10.30: BREAK

- 10.30 – 12.00:** **23. Other Issues of Relevance to GEWEX**
23.1: Succession Planning (Soroosh Sorooshian)
23.2: The Role of GEWEX in the New WCRP Order (All)
23.3: Other Issues (All)
23.4: Chairman's Summary Remarks (Soroosh Sorooshian)