

FIRST PAN-GEWEX MEETING
ESRIN, FRASCATI, ITALY
9-13 OCTOBER 2006

AGENDA

The primary objectives of the First Pan-GEWEX Meeting are to promote cross-cutting activities within GEWEX and to develop the background information and commitments needed to finalize the GEWEX Roadmap. To this end the meeting is structured to include a mix of Panel meetings and plenary sessions.

Monday, 9 October 2006:

0800 – 0830: REGISTRATION

0830 – 1010: P.1. WELCOMING REMARKS AND OPENING PRESENTATIONS (Big Hall)
(Chair: Peter van Oevelen)

- 0830 – 0845: 1.1. Welcome (Soroosh Sorooshian, Rick Lawford)
0845 – 0910: 1.2. ESA: Overview, Plans for New Missions, and Contributions to GEWEX
 (Einar Herland)
0910 – 0930: 1.3. The WCRP Strategic Plan and Expectations for GEWEX (Ann Henderson-Sellers)
0930 – 0950: 1.4. GEWEX Plans to Contribute to the WCRP Strategic Plan (Soroosh Sorooshian)
0950 – 1005: 1.5. JSC Review of GEWEX (Tetsuzo Yasunari)
1005 – 1015: 1.6. Objectives for the Pan-GEWEX Meeting (Rick Lawford)

1015 – 1055: P.2. SPECIAL SESSION ON CLOUDSAT AND CALIPSO LAUNCHES (Big Hall)
1015 – 1055: 2.1. CloudSat/CALIPSO: Progress on a GEWEX Legacy (David Winker)

1055 – 1120: BREAK

1120 – 1345: P.3. OVERVIEW OF ACTIVITIES AND PLANS (Big Hall)
(Chair: Soroosh Sorooshian)

- 1120 – 1145: 3.1. NASA and the NEWS (NASA Energy and Water) Program (Paul Houser)
1145 – 1200: 3.2. Future JAXA Missions (Riko Oki)
1200 – 1215: 3.3. NOAA Science and Satellite Programs (Jin Huang/John Bates)
1215 – 1230: 3.4. European Commission Research Activities (Elizabeth Lipiatou)
1230 – 1245: 3.5. EUMETSAT Presentation (Yves Govaerts)
1245 – 1300: 3.6. CMA Science and Satellite Programs (Yuping Yan)
1300 – 1315: 3.7. GEO, IGOS, and Related Activities (Rick Lawford)
1315 – 1330: 3.8. WCRP Modelling Panel and GEWEX (Jagadish Shukla)
1330 – 1345: 3.9. Discussion

1345 – 1445: LUNCH

1445 – 1615: SESSIONS FOR GHP, GMPP AND GRP

H.1. GEWEX Hydrometeorology Panel (Big Hall)

- 1445 – 1515: GHP Summary (John Roads)
1515 – 1615: CSE Overviews
 AMMA (Amadou Gaye)
 MDB (Alan Seed by Telephone)
 LPB (Hugo E. Berbery)

M.1. GEWEX Modelling and Prediction Panel (Magellan Room)

1445 – 1455: Introduction and Aims (Jan Polcher, Christian Jakob)
1455 – 1525: Regional Climate Modelling (Colin Jones)
1525 – 1615: GABLS reports and discussion (Bert Holtslag to Organize)

R.1. GEWEX Radiation Panel (Room B)

1445 – 1615: GRP Executive Session: Meeting Goals and Discussion Topics

1615 – 1630: **BREAK**

1630 – 1815: SESSIONS FOR GHP, GMPP AND GRP

H.2 GEWEX Hydrometeorology Panel (Big Hall)

1630 – 1815: CSE Overviews (*Continued*)
LBA (Jose Marengo)
BALTEX (Hans-Joerg Isemer)
MAHASRI (Jun Matsumoto)
GAPP/CPPA (Jin Huang)
MAGS (Ming-ko Woo)

M.2. GEWEX Modelling and Prediction Panel (Magellan Room)

1630 – 1815: GLASS Reports and Discussion (*Andy Pitman to Organize*)

R.2. GEWEX Radiation Panel (Room B)

1630 – 1645: WGDMA Report – Joint Re-processing (Bill Rossow)
1645 – 1745: ERB Updates: CERES (Norman Loeb), GERB (John Harries/Jacqui Russell)
1745 – 1815: Invited Presentation: SMOS (Yann Kerr)

1815 – 1930: **ICEBREAKER**

Tuesday, 10 October 2006:

0830 – 1030: SESSIONS FOR GHP, GMPP AND GRP

H.3. GEWEX Hydrometeorology Panel (Big Hall)

0830 – 1030: GHP Working Groups
DMWG (Steve Williams)
WEBS (John Roads)
HAP (Eric Wood)
SWING (David Noone)

M.3. GEWEX Modelling and Prediction Panel (Magellan Room)

0830 – 1030: GCSS Reports
Introduction (Christian Jakob)
PBL Clouds (Pier Siebesma)
Cirrus (Steve Dobbie)
Extratropical Clouds (George Tselioudis)
Deep Convection (Jon Petch)

R.3. GEWEX Radiation Panel (Room B)

0830 – 0900: Special Agency Report: EUMETSAT Calibration (Yves Govaerts)
0900 – 0925: Report on SORCE (Robert Cahalan)
0925 – 0945: Study Project Report: 3DWG (Robert Cahalan)
0945 – 1030: Global Data Project Report: SRB (Paul Stackhouse)

1030 – 1050: BREAK

1050 – 1345: SESSIONS FOR GHP, GMPP AND GRP

H.4. GEWEX Hydrometeorology Panel (Big Hall)

1050 – 1345: GHP Working Groups (*Continued*)
WISE (Ron Stewart/Kit Szeto)
TWG (Eugene Takle)
ICTS (Burkhardt Rockel)

M.4. GEWEX Modelling and Prediction Panel (Magellan Room)

1050 – 1230: GCSS Reports (Continued)
Polar Clouds (James Pinto)
Pacific Cross Section (Joao Teixeira)
Data Integration for Model Evaluation (George Tselioudis)
Discussion
1230 – 1300: The Year of Convection – A Proposal (Duane Waliser)
1300 – 1345: GEWEX Cross Cuts – Part I (Jan Polcher, Christian Jakob)

R.4. GEWEX Radiation Panel (Room B)

1100 – 1130: Global Data Project Report: BSRN (Ellsworth Dutton)
1130 – 1215: Radiation Product Assessment (Paul Stackhouse)
1215 – 1245: Update on NPOESS (John Bates)
1245 – 1345: Discussion of Radiation Activities (Including ICRCCM, CIRC)

1345 – 1445: LUNCH

1445 – 1615: SESSIONS FOR GHP, GRP, GLASS, GABLS AND GCSS

H.5. GEWEX Hydrometeorology Panel (Big Hall)

1445 – 1615: Global Projects
NEESPI (Eric Wood/Rick Lawford)
HEPEX (John Schaake)
IAHS (Alan Hall)

R.5. GEWEX Radiation Panel (Room B)

1445 – 1515: Invited Presentation: High-frequency Microwave (Stefan Buehler)
1515 – 1545: Overview of Cloud Modelling (David Randall)
1545 – 1615: MERRA (Michael Bosilovich)

GLASS.1. Global Land-Atmosphere System Study (Room E)

1445 – 1615: *Refer to Andy Pitman for Details*

GABLS.1. GEWEX Atmospheric Boundary Layer Study (Cook Room)

1445 – 1615: *Refer to Bert Holtslag for Details*

GCSS.1. GEWEX Cloud System Study (Magellan Room)

1445 – 1615: Discussion of the WG reports – 15 minutes each

1615 – 1630: BREAK

1630 – 1815: PANEL SESSIONS FOR GHP, GRP AND GLASS, GABLS AND GCSS

H.6. GEWEX Hydrometeorology Panel (Big Hall)

1630 – 1815: GHP to CEOP
Open Discussion with GHP and CEOP Participants on the Proposed Transition

R.6. GEWEX Radiation Panel (Room B)

1630 – 1700: Global Data Project Report: ISCCP (Bill Rossow)
1700 – 1730: Cloud Product Assessment (Claudia Stubenrauch)
1730 – 1800: New Member Science Presentation (Joerg Schulz)
1800 – 1830: Update of Water Vapor Products (Joerg Schulz/John Bates)

GLASS.2. Global Land-Atmosphere System Study (Room E)

1630 – 1815: *Refer to Andy Pitman for Details*

GABLS.2. GEWEX Atmospheric Boundary Layer Study (Cook Room)

1630 – 1815: *Refer to Bert Holtslag for Details*

GCSS.2. GEWEX Cloud System Study (Magellan Room)

1630 – 1815: Portfolio Reports (15+5 minutes each)
Climate (Christian Jakob on behalf of S Klein)
NWP (Martin Miller)
CRM (Steve Krueger)
LES (Adrian Lock)

Wednesday, 11 October 2006:

0830 – 1030: P.4. PLENARY SESSION (PANEL HIGHLIGHTS) (Big Hall)
(Chair: Soroosh Sorooshian)

0830 – 0845: 4.1. GEWEX Radiation Panel (Bill Rossow)
0845 – 0900: 4.2. GEWEX Modelling and Prediction Panel (Jan Polcher)
0900 – 0915: 4.3. GEWEX Hydrometeorology Panel (John Roads)
0915 – 0930: 4.4. Coordinated Enhanced Observing Period (Toshio Koike)
0930 – 0945: 4.5. CLIVAR (Howard Cattle)
0945 – 1000: 4.6. CliC/SPARC (Vladimir Ryabinin)
1000 – 1015: 4.7. WGNE (Martin Miller)
1015 – 1030: 4.8. iLEAPS (Pavel Kabat)
1030 – 1045: 4.9. Discussion

1045 – 1100: BREAK

1100 – 1345: P. 5. PLENARY SESSION (PROGRAM REPORTS AND ROADMAP DISCUSSION)
(Big Hall)
(Chair: Einar Herland)

- 1100 – 1115: 5.1. WMO Overview (Avinash Tyagi/Wolfgang Grabs)
1115 – 1130: 5.2. IPY (Vladimir Ryabinin)
1130 – 1145: 5.3. GRDC (Thomas Maurer)
1145 – 1200: 5.4. GPCC (Tobias Fuchs)
1200 – 1215: 5.5. GEWEX/CLIVAR Links (Soroosh Sorooshian, Peter van Oevelen)
1215 – 1245: 5.6. Overviews of Cross-cuts:
 - Precipitation (Phil Arkin)
 - Diurnal cycle (Jan Polcher)
 - Water and Energy Budget Studies (John Roads, Bill Rossow)
- 1245 – 1345: 5.9. Roadmap Overview, Discussion, and Charge to Working Groups (Rick Lawford)

1345 – 1445: LUNCH

1445 – 1615: ROADMAP WORKING GROUPS BY PANEL
The Purpose of These Sessions is to Provide Milestones and Deliverables for the GEWEX Roadmap

RMWG.1. OBJECTIVE #1 (Big Hall) (Chair: Paul Stackhouse)

RMWG.2. OBJECTIVE #2 (Room B) (Chair: Tetsuzo Yasunari)

RMWG.3. OBJECTIVES #3, #4 and #5 (Magellan Room) (Chair: Soroosh Sorooshian)
(Rapporteur: Eric Wood)

1615 – 1630: BREAK

1630 – 1800: ROADMAP WORKING GROUPS BY PANEL
The Purpose of These Sessions is to Provide Milestones and Deliverables for the GEWEX Roadmap

M.5. GEWEX Modelling and Prediction Panel (Magellan Room)

R.7. GEWEX Radiation Panel (Room B)

- 1630 – 1700: SeaFlux Report (Carol Anne Clayson)
1700 – 1715: LandFlux Report (Bill Rossow)
1715 – 1815: Discussion on Completing the Global Energy & Water Cycle

H.7. GEWEX Hydrometeorology Panel (Big Hall)

GROUP DINNER

Thursday, 12 October 2006:

0830 – 1030: SESSIONS FOR CEOP, GRP, GLASS, GABLS AND GCSS

C.1. Coordinated Enhanced Observing Period – Assessment of Phase 1 (Big Hall)

0830 – 0855: Data Management Working Group (Steve Williams, Hans-Jörg Isemer)
0855 – 0920: Model Output Working Group (Michael Bosilovich, Michael Lautenschlager)
0920 – 0945: Satellite Data and Data Integration Working Group (Toshio Koike, Paul Houser, Ken McDonald)
0945 – 1010: WESP Working Group (John Roads, Jose Marengo)
1010 – 1035: CIMS Working Group (William Lau, Jun Matsumoto)

R.8. GEWEX Radiation Panel (Room B)

0830 – 0900: New Member Science Presentation (Christian Kummerow)
0900 – 0930: Global Data Project Report: GPCP (Robert Adler)
0930 – 1000: Global Data Project Report; GPCC (Tobias Fuchs)
1000 – 1030: Precipitation Product Assessment (Vincenzo Levizzani)

GLASS.3. Global Land-Atmosphere System Study (Room E)

Refer to Andy Pitman for Details

GABLS.3. GEWEX Atmospheric Boundary Layer Study (Cook Room)

Refer to Bert Holtslag for Details

GCSS.3. GEWEX Cloud System Study (Magellan Room)

0830 – 0930: Portfolio reports (15+5 minutes each)
Field Experiments (Thomas Ackerman)
Microphysics (Ulrich Lohmann)
Metrics (Christian Jakob on Behalf of R. Pincus)
0930 – 1030: Special Subject: Cloud-Aerosol-Precipitation Work in GCSS
Discussion of Involvement in Community Workshop and Related Issues
(Ulrich Lohmann and Christian Jakob)

1030 – 1050: BREAK

1050 – 1345: SESSIONS FOR CEOP, GRP AND GLASS, GABLS AND GCSS

C.2.a Coordinated Enhanced Observing Period – Assessment of Phase 1 (Continued) (Big Hall)

1050 – 1145: Discussion on Assessment of Achievements of CEOP Phase 1

C.2.b Coordinated Enhanced Observing Period – Evaluation of Phase 2 Data Component (Big Hall)

1145 – 1230: Reference sites/basins Working Group (Steve Williams, Hans-Jörg Isemer)
1145 – 1200: Phase 2 Plans Overview
1200 – 1215: Invited talk on the DWD Lindenberg Observatory (Frank Beyrich)
1215 – 1230: Invited talk on the Himalayas and Karakoram sites (Gianni Tartari)
1230 – 1300: Model Output Working Group (Mike Bosilovich, Michael Lautenschlager)
1230 – 1245: Phase 2 Plans Overview
1245 – 1300: Invited talk on the EPSON Meteo Centre contribution to CEOP (Laura Bertolani/Raffaele Salerno)

1300 – 1315: Satellite Data Working Group (Paul Houser, Toshio Koike)
1315 – 1345: Data Integration Working Group (Toshio Koike, Ken McDonald)

R.9. GEWEX Radiation Panel (Room B)

1100 – 1130: Invited Presentation: NEXRAD (Brian Nelson)
1130 – 1200: WGPRN Report (Vincenzo Levizzani)
1200 – 1230: Invited Presentation: Snow from Satellites (Ralph Bennartz)
1230 – 1315: Discussion of Precipitation Activities
1315 – 1345: Discussion of Cryosphere Links and IPY

GLASS.4. Global Land-Atmosphere System Study (Room E)

Refer to Andy Pitman for Details

GABLS.4. GEWEX Atmospheric Boundary Layer Study (Cook Room)

Refer to Bert Holtslag for Details

GCSS.4. GEWEX Cloud System Study (Magellan Room)

1100 – 1300: Special Subjects
Discussion of WCRP Convection Initiative (Duane Waliser, 45 minutes)
Pan-GCSS Meeting 2007/2008 (Christian Jakob, 30 minutes)
GMPP Collaboration (Christian Jakob, 25 minutes)
ARM Request for Input into Radar Capability Planning (Christian Jakob, 20 minutes)
1300 – 1345: AOB and Wrap-up

1345 – 1445: LUNCH

1445 – 1615: SESSIONS FOR CEOP, GRP AND GLASS, GABLS AND GCSS

C.3. Coordinated Enhanced Observing Period – Evaluation of Phase 2 Plans Science Component (Big Hall)

1445 – 1530: Monsoon Studies Working Group (William Lau, Jun Matsumoto)
1530 – 1615: WESP Working Group (John Roads, Matt Rodell)

R.10. GEWEX Radiation Panel (Room B)

1445 – 1545: New Member Science Presentations (Ulrike Lohmann, Fengsheng Zhao)
1545 – 1615: Global Data Project Report: GACP (Michael Mishchenko)

GLASS.5. Global Land-Atmosphere System Study (Room E)

Refer to Andy Pitman for Details

GABLS.5. GEWEX Atmospheric Boundary Layer Study (Cook Room)

Refer to Bert Holtslag for Details

GCSS.5. GEWEX Cloud System Study (Magellan Room)

GCSS Social

1615 – 1630: BREAK

1630 – 1815: SESSIONS FOR CEOP, GRP, GLASS, GABLS AND GCSS

C.4. Coordinated Enhanced Observing Period – Evaluation of Phase 2 Plans Science Component (Big Hall)

1630 – 1715: Cross-Cutting Studies Working Group (Mike Bosilovich, Ron Stewart, Eric Wood)
CEOP Analyses Intercomparison Project (Mike Bosilovich)
CEOP Extremes Events Impact Analysis Project (Ron Stewart)
CEOP Watershed Hydrology Study (Eric Wood)

1715 – 1815: Discussion on CEOP Phase 2 Plans

R.11. GEWEX Radiation Panel (Room B)

1630 – 1715: Aerosol Product Assessment (Fengsheng Zhao)
1715 – 1745: Update on Climate Data Records (John Bates)

GLASS.6. Global Land-Atmosphere System Study (Room E)

Refer to Andy Pitman for Details

GABLS.6. GEWEX Atmospheric Boundary Layer Study (Cook Room)

Refer to Bert Holtslag for Details

GCSS.6. GEWEX Cloud System Study (Magellan Room)

GCSS Social

Friday, 13 October 2006:

0830 – 1030: SESSIONS FOR GHP/CEOP, GMPP AND GRP

H/C.1. GEWEX Hydrometeorology Panel/Coordinated Enhanced Observing Period (Big Hall)

Refer to John Roads and Toshio Koike for Details

M.6. GEWEX Modelling and Prediction Panel (Magellan Room)

0830 – 0900: Summaries of Project Meetings (Bert Holtslag, Andy Pitman, Christian Jakob)
0900 – 0930: AMIP and IPCC Model News (Peter Gleckler)
0930 – 1030: GEWEX Cross Cuts – Part II and Discussion (TBD)

R.12. GEWEX Radiation Panel (Room B)

0830 – 1000: Review of GRP Activities
(Workshop for TRMM, CloudSat, Calipso, A-train etc in late 2007 or early 2008, WGCAP & WGPRN) (Especially Surface Fluxes, Aerosols, Cryosphere)
1000 – 1030: Discussion of Joint Data Re-Processing Plans (Recommendations for WGDMA)

1030 – 1045: BREAK

1045 – 1345: SESSIONS FOR GHP/CEOP, GMPP AND GRP

H/C.2. GEWEX Hydrometeorology Panel/Coordinated Enhanced Observing Period (Big Hall)

Refer to John Roads and Toshio Koike for Details

M.7. GEWEX Modelling and Prediction Panel (Magellan Room)

1045 – 1245: Discussion of Collaborative Projects within GMPP
1245 – 1345: Meeting Wrap-Up and Action Summary

R.13. GEWEX Radiation Panel (Room B)

1100 –1345: Executive Session: Assignments and Wrap-up

1345 – 1445: LUNCH

1445 – 1715 P.6. PLENARY SESSION (Big Hall)
(Chair: Rick Lawford)

1445 – 1545: 6.1. Summary Reports from the Roadmap Working Groups
Objective #1: (Paul Stackhouse)
Objective #2: (Tetsuzo Yasunari)
Objective #3, #4 and #5: (Eric Wood)

1545 – 1645: 6.2. Summary Reports from Panel Discussions and Recommendations for Action
GRP: (Bill Rossow)
GMPP: (Jan Polcher)
GHP: (John Roads)
CEOP: (Toshio Koike)

1645 – 1715: 6.3. Meeting Summary (Rick Lawford)