

**TIMELINE / AGENDA The Second Annual Meeting
of the Coordinated Energy and Water Cycle Observations Project (CEOP)**
Geneva, Switzerland 15–17 September 2008
(Version 3.4; 12 September 2008)

MONDAY, 15 SEPTEMBER 2008:

0800 – 0900 REGISTRATION

PART 1: Opening of Meeting and Introduction

0900 – 1045 1. Opening of Meeting

- 0900 – 0920 1.1** Welcoming Remarks/Logistics (3 – 4 minutes each)
WMO/WCRP/Local Host
WCRP – G. Asrar
JAXA – K. Umezawa
NASA – M. Bosilovich
ESA – E-A Herland
GEWEX – S. Sorooshian

- 0920 – 1000 1.2** Introduction to Meeting Objectives and Agenda (T. Koike/R. Stewart)
(Monsoon, Extremes, Coordination of Scientific Foci and RHP's)

1000 – 1045 2. Coordinated Energy and Water-cycle Observations Project (CEOP) International connections and Outreach Strategy and Near Term Implementation Plans

- 1000 – 1015 CEOP in WCRP (G. Asrar)
1015 – 1030 GEWEX Interactions (S. Sorooshian)
1030 – 1045 CEOP Contribution to GEO Water Tasks (GEO Secretariat – D. Cripe)

1045 – 1050 GROUP PHOTO

1050 – 1100 BREAK

PART 2: Metrics for Success including Data, Scientific Achievements and Deliverables

1100 – 1810 3. CEOP Component Status Reporting: Assessment of Success with Metrics for Data Collection/Archive/Application, Scientific Achievements and Deliverables.

During this Part Each CEOP element will report on the following items:
Background and Objectives
Recent Scientific Achievements
Contributions to GEWEX Scientific Milestones (Roadmap)
Accomplishments toward WCRP Intermediate and Long-range Plans
Data Contributions/Requirements
Issues and Plans (1–3 Years) including Coordination

1100 – 1220 3.1 Regional Hydroclimate Projects

- 1100 – 1120 LBA (A. Araujo/L. Horta)
1120 – 1140 LPB (H. Berbery)
1140 – 1200 MAHASRI (J. Matsumoto)
1200 – 1220 BALTEX (M. Reckermann)

1220 – 1330 LUNCH

1330 – 1440 3.1 Regional Hydroclimate Projects (Continued)

- 1330 – 1400 CPPA + NOAA MRED Initiative (R. Arritt) (30 minutes)
1400 – 1420 NEESPI (P. Groisman)
1420 – 1500 3.2 Regional Climate Foci

1420 – 1440	Semi-arid Regions (W. Guo)
1440 – 1500	Cold Regions (D. Yang)
1500 – 1610	3.2 <u>Regional Climate Foci (Continued): Special session on High Elevations</u>
1500 – 1505	Opening statement on Ev-K2-CNR's commitment to the HE initiative (B. Schommer, Ev-K2-CNR Committee General Director)
1505 – 1515	Contribution of HE initiative in the context WCRP/GEWEX/CEOP (V. Ryabinin)
1515 – 1525	Current status and perspectives of HE initiative (G. Tartari)
1525 – 1540	The CEOP-HE Scientific Rationale and Regional Water and Energy Cycle Research (K. Ueno)
1540 – 1550	Ev-K2-CNR's SHARE Project Executive Coordinator: Reference stations for the high elevations (HE) network (E. Vuillermoz)
1550 – 1555	The Proposed CEOP-HE Implementation Strategy (G. Tartari)
1555 – 1610	Discussion
1610 – 1630	<i>BREAK</i>
1630 – 1650	3.3 <u>Invited Talk: CEOP-AEGIS (M. Menenti)</u>
1650 – 1810	3.4 <u>Special Session on Monsoon as a CEOP/GEWEX/WCRP Foci</u>
1650 – 1710	Pan-WCRP Monsoon Activities (G. Wu)
1710 – 1725	Asian Monsoon Year – AMY (J. Matsumoto)
1725 – 1740	Variability of the American Monsoon Systems (VAMOS) model strategy (H. Berbery)
1740 – 1755	The West African Monsoon Modeling and Evaluation project (WAMME) and its First Model Intercomparison Experiment (Y. Xue)
1755 – 1810	Discussion
1810	ADJOURN
1830	RECEPTION

TUESDAY 16 SEPTEMBER

0900 – 1020	3.5 <u>Crosscutting Science Studies</u>
0900 – 0920	Water and Energy Budget Study – WEBS (K. Yang)
0920 – 1030	3.5 <u>Crosscutting Science Studies (Continued) Special session on Extremes as a CEOP/GEWEX/WCRP Foci:</u>
0920 – 0935	The Extremes focal point within CEOP (R. Stewart)
0935 – 0950	Strategies for describing change in storminess (H. von Storch)
0950 – 1005	Priorities in extremes studies in the CLIVAR Variability of the American Monsoon Systems (VAMOS) Panel: The case of the La Plata Basin (H. Berbery)
1005 – 1020	GPCC products (T. Fuchs)
1020 – 1030	Discussion
1030 – 1050	<i>BREAK</i>
1050 – 1130	3.5 <u>Crosscutting Science Studies: (Continued)</u>
1050 – 1110	Aerosols (T. Koike)
1110 – 1130	Isotopes (K. Yoshimura)
1130 – 1210	3.6 <u>Modeling Session</u>
1130 – 1150	Global Models (M. Bosilovich)
1150 – 1210	Regional Models (B. Rockel/R. Arritt)

1210 – 1330	LUNCH
1330 – 1410	3.6 <u>Modeling Session (Continued)</u>
1330 – 1350	Land Surface Models (D. Mocko)
1350 – 1410	Hydrologic Applications Project (J. Shaake)
1410 – 1500	3.7 <u>Data – Satellite</u>
1410 – 1415	Satellite Data Summary (T. Koike – 5 min.)
1415 – 1430	JAXA contributions (K. Umezawa)
1430 – 1445	NASA contributions (M. Teague/G. Ye)
1445 – 1500	ESA contributions (E.-A. Herland)
1500 – 1520	BREAK
1520 – 1640	3.7 <u>Data (Continue)</u>
1520 – 1540	Reference Site/ River Basins (S. Williams)
1540 – 1600	Model Output (F. Toussaint)
1600 – 1610	Global Precipitation Climatology Center - GPCC (T. Fuchs)
1610 – 1620	Global Runoff Data Centre – GRDC (U. Looser)
1620 – 1640	Data Integration (E. Ikoma/M. Yasukawa)
1640 – 1820	3.8 <u>Poster session</u>
	Poster presentation: 1 minute/1 slide presentation for each poster
	Poster viewing
1820	ADJOURN

WEDNESDAY 17 SEPTEMBER

PART 3: Kick-off of the CEOP data archiving scheme for getting data flowing and readily available to the broader community from each element of CEOP, (Modeling; RHP/crosscuts/regional studies; and Reference sites and including satellite data).

0900 – 0920	4. WCRP/GEWEX intermediate and long-range implementation and strategic planning
0920 – 1110 (Including Break)	5. Breakout Session By Scientific Foci Topic – Monsoon, High Elevations, Extremes
	5.1 Monsoon (J. Matsumoto/H. Berbery)
	5.2 High Elevations (G. Tartari)
	5.3 Extremes (R. Stewart)

Questions to be Addressed:

- (i) Do our goals need to be updated?
- (ii) What metrics should be used to summarize status?
- (iii) What are the model products needed, what observational datasets?
- (iv) How can we best coordinate RHP efforts to contribute to this Foci?
- (v) What are plans for next 1-3 year period?

1110 – 1150	PLENARY DISCUSSION / EXCHANGE SESSION (Summary of 5.1, 5.2, 5.3)
1150 – 1310	LUNCH
1310 – 1430	6. Breakout Session – Data Integration of Satellite, Model, In-situ Data for Science Foci Topic – Monsoon, High Elevations, Extremes

- 6.1 Satellite Data (T. Koike)
- 6.2 Model Data (M. Bosilovich)
- 6.3 In-situ Data (S. Williams)

Questions to be Addressed:

- (i) What are the CEOP Requirements for this data type?
- (ii) What is our status in addressing the CEOP Requirements for this data type?
- (iii) What key issues need to be addressed that may prevent achieving success in provision/handling of this data type?
- (iv) How can we best coordinate RHP efforts in provision/integration of this data type?
- (v) What coordination is need within CEOP, GEWEX Panels, other groups to ensure this data type is provided?
- (vi) What are the plans over the next 1-3 year period for handling/providing/integrating this data type?

1430 – 1510 PLENARY DISCUSSION / EXCHANGE SESSION (*Summary of 6.1, 6.2, 6.3*)

1510 – 1530 *BREAK*

1530 – 1610 MEETING WRAP-UP SESSION

1610 – 1800 Science Coordination Group Discussion

1800 ADJOURN