

5. CEOP Contributions to GEWEX Road Map

The Chairs and Correspondents will organize their groups to respond to what they will contribute for each year (2007-2012) to:

1. GEWEX Objective 1:
 - Produce consistent research quality data sets complete with error descriptions of the Earth's energy budget and water cycle and their variability and trends on interannual to decadal time scales, for use in climate system analysis and model development and evaluation.
2. GEWEX Objective 2:
 - Enhance the understanding of and quantify how energy and water cycle processes contribute to climate feedbacks.
3. GEWEX Objective 3:
 - Improve the predictive capability for key water and energy cycle variables and feedbacks through improved parameterizations to better represent hydrometeorological processes, and determine the geographical and seasonal characteristics of their predictability over land areas
4. GEWEX Objective #4:
 - Undertake joint activities with operational hydro meteorological services, related ESS Pprojects like the GWSP, and hydrological research programs to demonstrate the value of GEWEX research, data sets and tools for assessing the consequences of climate predictions and global change for water resources.

4. CEOP COMPONENTS (Parallel Sessions)

The Chairs and Correspondents will organize their groups to respond to at the following topics:

- Milestones/Results remaining in Phase 1
- Overall Objectives for new CEOP activities
- Milestones to be achieved within the following 2-3 years and proposed implementation steps
- Connections/Joint activities with other Projects, in particular GMPP, GRP and core projects of WCRP

CEOP Milestones for 2007

1. Finalize reference sites, additional parameters (e.g. aerosol, clouds,...)
 - >> *Do you satisfy Phase-1 data archive ? If no, please provide us your requests.*
2. Finalize MOLTS points and formats
3. Finalize Model Output Data structures
4. Guidance on how to quantify and present error and uncertainty
 - >> *“uncertainty” in GEWEX objectives means such as data accuracy.*
5. Finalize phase1 archive

Milestones for 2008 and beyond

1. Establish linkages to other projects (e.g. BSRN, flux net) .
2. Investigate common data access or data converters to integrate data.