

GEWEX/CEOP Regional Hydroclimate Projects (RHPs)

Technical Criteria:

- Cooperation of a Numerical Weather Prediction center for provision of atmospheric and land surface data assimilation.
- Atmospheric-hydrologic models for studying transferability and climate variability.
- Mechanism for collecting and managing adequate hydrometeorological data sets.
- Participation in the open international exchange of scientific information and data.
- Interactions with hydrologic services and related groups.
- Commitment of adequate resources and personnel.
- Evaluation of GEWEX global data products.
- Contributions to CEOP *in situ*, remote sensing, and model output data bases.

Scientific Criteria:

- Observe, simulate, and predict diurnal, seasonal, annual and interannual variability.
- Determine climate system variability and critical feedbacks.
- Demonstrate improvements in predictions of water-related climate parameters.
- Demonstrate the applicability of techniques and models for other regions.
- Assess the human impact on hydroclimate variations, including vulnerability to climate change