
Preparatory work for CEOP Model Intercomparison

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CEOP MODEL OUTPUT DEVELOPMENT AND ANALYSIS WORKSHOP Mar. 09, 2004

What are benefits? (Comparing with previous projects)

	Benefits	Additional benefits by CEOP
AMIP	A framework for climate model diagnosis, validation, intercomparison, documentation and data access by focusing atmospheric processes .	<ol style="list-style-type: none">1. Validations by using <i>In situ</i> and satellite data are available.2. Land-Atmosphere interactions are focused.
PILPS	A comprehensive intercomparison of Land-Surface Schemes ; by the offline and coupled experiments.	<ol style="list-style-type: none">1. Validations are carried out under the global climate variability.2. New satellite products are available.
GSWP	Offline experiment of Land Surface Schemes , focusing on soil wetness by using unified atmospheric forcing provided by ISLSCP.	<ol style="list-style-type: none">1. <i>In situ</i> soil moisture observation networks are available for validations.2. Advanced satellite soil moisture products are available.3. Land-Atmosphere coupled effects are investigated by CEOP.

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What are benefits?

In summary

- 1. Intercomparison under the Climate Variety**
 - Commonality and differences -
 - Cold/Tropical zone
 - Humid/Arid zone
 - Monsoonal/Non-Monsoonal Regions

- 2. Uniformly formatted datasets for validation**
 - *In situ*
 - Satellite

- 3. Land-Atmosphere coupled effects**