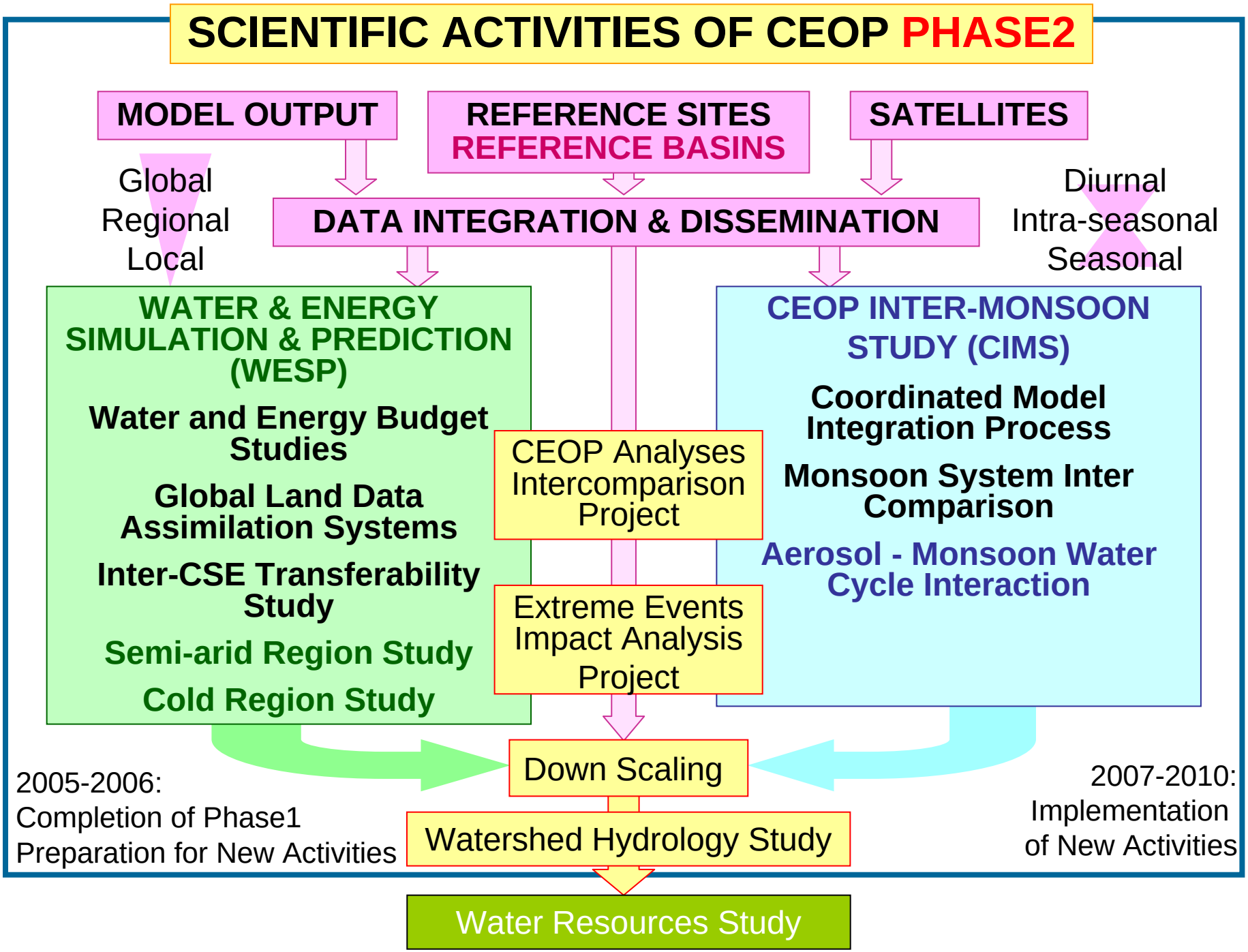

SCIENTIFIC ACTIVITIES OF CEOP PHASE2
MODEL OUTPUT
REFERENCE SITES
REFERENCE BASINS
SATELLITES
Global
Regional
Local
DATA INTEGRATION & DISSEMINATION
Diurnal
Intra-seasonal
Seasonal
WATER & ENERGY SIMULATION & PREDICTION (WESP)
Water and Energy Budget Studies
Global Land Data Assimilation Systems
Inter-CSE Transferability Study
Semi-arid Region Study
Cold Region Study
CEOP Analyses Intercomparison Project
Extreme Events Impact Analysis Project
CEOP INTER-MONSOON STUDY (CIMS)
Coordinated Model Integration Process
Monsoon System Inter Comparison
Aerosol - Monsoon Water Cycle Interaction
Down Scaling
Watershed Hydrology Study
Water Resources Study
2005-2006:
Completion of Phase1
Preparation for New Activities
2007-2010:
Implementation
of New Activities

SCIENTIFIC ACTIVITIES OF CEOP.

MODEL OUTPUT

REFERENCE SITES
REFERENCE BASINS

SATELLITES

Global
Regional
Local

DATA INTEGRATION & DISSEMINATION

Diurnal
Intra-seasonal
Seasonal

WATER & ENERGY SIMULATION & PREDICTION (WESP)

Water and Energy Budget Studies

Global Land Data Assimilation Systems

Regional Climate Models

Stable Water Isotope Intercomparison

Continental Scale Experiments

CPPA, LBA, LPB, BALTEX, AMMA, MAHASRI, MDB, NEESPI

Semi-arid & Cold Region Studies

CEOP Analyses Intercomparison Project

Extreme Events Impact Analysis Project

CEOP INTER-MONSOON STUDY (CIMS)

Coordinated Model Integration Process

Monsoon System Inter Comparison

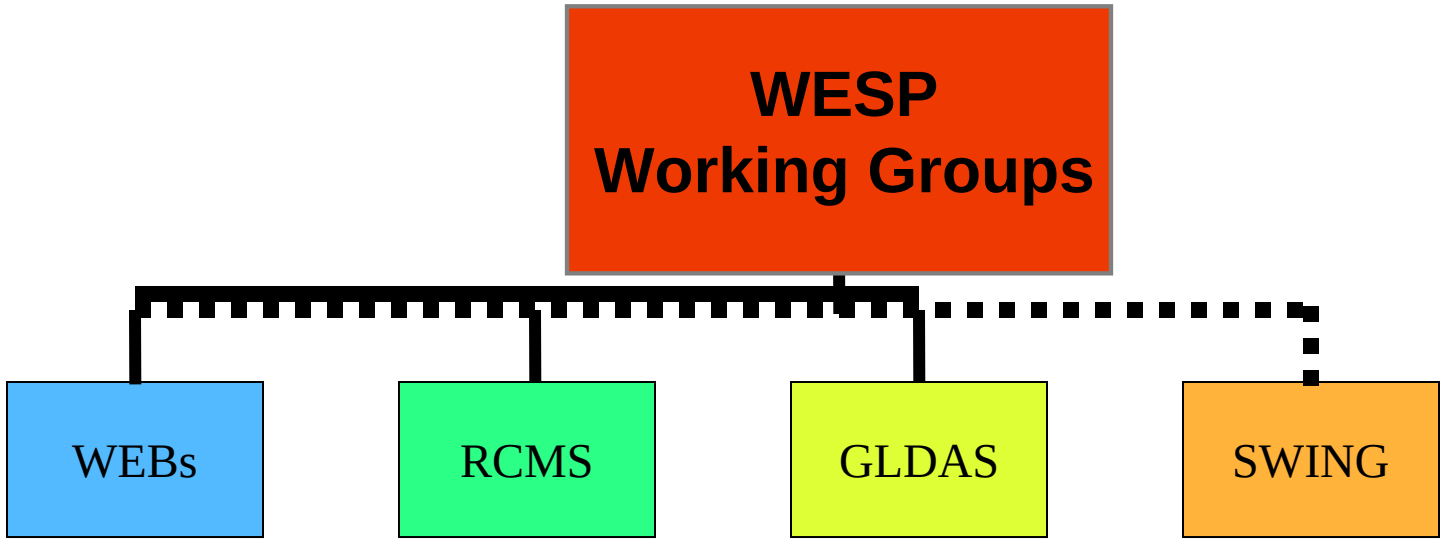
Aerosol - Monsoon Water Cycle Interaction

Hydrologic Applications

2005-2006:
Completion of Phase1
Preparation for New Activities

2007-2010:
Implementation
of New Activities

WESP Working Groups



GOAL

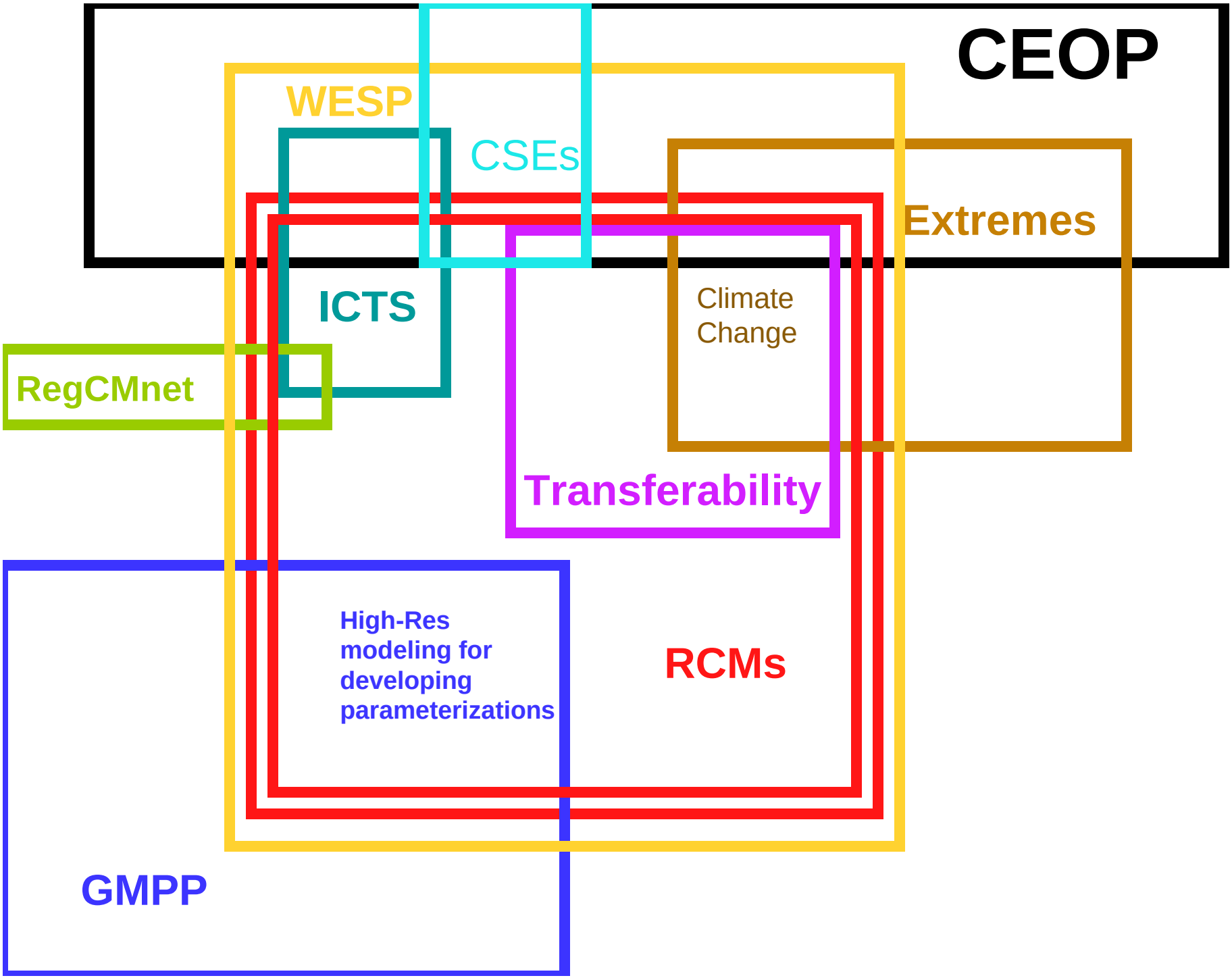
The goal of CEOP/WESP is to use the enhanced CEOP observations to better document and simulate water and energy fluxes and reservoirs over land on diurnal to annual scales. A special focus will be the simulation and prediction of hydroclimatic extremes. Regional climate models and land data assimilation systems will be of special interest.

RCMs

1. Inter-CSE Transferability Study
2. Extremes

   Take advantage of current long term simulations to evaluate our capability to simulate and predict hydrclimate extremes
3. Parameterizations

   Collaborate with GMPP to evaluate parameterizations in RCMs and future high resolution GCMs


CEOP
WESP
CSEs
Extremes
ICTS
Climate
Change
RegCMnet
Transferability
High-Res
modeling for
developing
parameterizations
RCMs
GMPP