

## The FY 2004 Proposal Solicitation of the NAME-2004 Field Program

<http://www.joss.ucar.edu/name>

PACS and GAPP invite proposals to implement observations and develop data sets for the 2004 NAME Field Program. NOAA OGP interest is guided by the need to better understand and model key ocean, atmosphere and land processes for improved dynamical model simulations of the intraseasonal-to-interannual variability of the North American monsoon.

### PACS emphasis:

- marine data to determine the role of oceanic and coupled ocean-atmospheric processes in the dynamics of the monsoon, to provide over-ocean depiction of atmospheric conditions, and to enhance the interpretation of continental observations
- atmospheric observations to describe, understand, and model the circulation, moisture transport, convection, and precipitation over the warm continent and complex terrain in the core monsoon region

### GAPP emphasis:

- mountain hydrometeorological data to support studies of precipitation patterns and runoff generation in mountainous areas
- in-situ soil moisture and vegetation data (soil type/texture info is needed) as validation datasets for models and remote sensing products
- measurement of moisture fluxes to examine the extent to which current data assimilation approaches capture their spatial and temporal scales

Each proposal should clearly articulate the questions/hypotheses to be evaluated; identify connections with other observational projects, particularly for the development of merged data sets; and outline planned uses of the data, providing specifics of planned analysis and modeling activities.

International collaboration in projects is encouraged. NOAA will consider support for travel of international PIs and their students to participate in the field and to enable collaboration among investigators. Training efforts through sponsorship of courses in observations, analysis and modeling as well as graduate education opportunities at US institutions are encouraged. Support for collaborative deployment and operation of observing systems and the development and provision of data sets is available.