

# Paleoclimatology

## FY 2002 Information Sheet

The CCDD paleoclimatology effort is directed at supporting the CCDD goals of producing long time series of key climate variables, analyzing these time series for information on climate trends and variability, and characterizing the natural background signal of the climate system for the purposes of detection and attribution.

For FY 2002, there will be a small research program managed by CCDD that focuses on high quality reconstructions of the climate history over, approximately, the last 1,000 years. Proposals are encouraged that address high resolution, multiproxy reconstructions that blend the paleo and instrumental records in optimal fashion to achieve the most accurate climate history possible. Emphasis will be placed on using currently available measurements at resolutions as fine as seasonal, multiple proxies, and global data sets (i.e., filling in Northern Hemisphere data and supplementing these data with equatorial and Southern Hemisphere data sources).

Separately, NOAA and the National Science Foundation (NSF) will continue to co-sponsor a Paleoclimatology project that will entertain proposals that support the joint WCRP CLIVAR/IGBP PAGES Research Initiative. This initiative is jointly supported by NOAA and the NSF through the Earth System History (ESH) Program at NSF. Specific information on the ESH themes for FY 2002 will be published later this year.