



Center for Integrative Coastal Observation, Research and Education (CI-CORE)

Request for Proposals from CSU Faculty and Researchers

2 April 2003

The CI-CORE program represents an applied coastal research alliance dedicated to the development of nationally relevant solutions to the challenges facing our marine and estuarine environments. CI-CORE was established in 2002 through the NOAA Coastal Observation Technology System (COTS) in partnership with six other institutions/programs nationwide (<http://www.csc.noaa.gov/cots/>). CI-CORE is integrated with other observatory programs locally, regionally and nationally, to collectively help satisfy the mandate of the US Integrated and Sustained Ocean Observing System (ISOOS) as articulated by Oceans.US and other state and federal programs, including NOAA and NOPP. The CI-CORE partnership (<http://www.mlml.calstate.edu/cicore/>) currently consists of teaching and research faculty from Moss Landing Marine Laboratories/San Jose State University, Romberg Tiburon Center/San Francisco State University, Cal Poly-San Luis Obispo, CSU-Monterey Bay, Humboldt State University, CSU-Hayward and the Florida Environmental Research Institute (FERI).

The long-term objectives of CI-CORE are to:

- Establish research & monitoring infrastructure of critical coastal habitats in California for integration into global ocean monitoring efforts;
- Conduct research on problems that affect the economic and environmental well-being of California;
- Develop models for predicting change in coastal environments;
- Enhance management capability of regulatory & resource management agencies for sustainable use of the coastal zone; and
- Enhance public awareness of the importance of coastal management.

Our commitment to long-term coastal observation is focused on nearshore geospatial analysis using:

high resolution airborne imaging spectrometry,
high resolution multibeam bathymetry,
complimentary time series observations of key biogeochemical properties (temperature, salinity, irradiance, plankton biomass & composition etc.) at targeted locations throughout California.

Our observatory interests are focused specifically on nearshore coastal environments, defined as those regions shallower than 100 m. Specific habitats of interest include rocky reefs, bays and estuaries and river mouths.

CI-CORE plans a significant expansion of the observatory network to Southern California environments, including the islands of the Southern California Bight. We hope to provide up to \$1 million in 2004 for the Southern California effort, subject to funding availability. Proposals are sought from CSU faculty and researchers to facilitate the geographic expansion of CI-CORE into Southern California. The narrative section of the proposal should succinctly address the following issues:

How will your efforts contribute to the CI-CORE mission with respect to location, environment and any historical data?

Please identify the presence of existing efforts/programs that will leverage the funding provided by CICORE to further the research and educational objectives of your institution.

Identify all personnel, equipment, facilities and resources to be involved with the proposed effort.

Identify the intended audience/customers for your data products. We are looking for specific individuals, agencies or organizations that can benefit significantly from access to data and analysis provided by the CI-CORE observatory. Some of these individuals may be potential candidates for future membership on the CI-CORE Advisory Council.

The scope of the proposal, including budget will be limited to one year, with a projected start date of 1 August 2004. Please limit the narrative to five (5) pages of text (no smaller than 10 point, single spaced), including all figures, legends and accompanying data.

In addition to the narrative, all proposals must provide the following:

Budget and budget justification– not to exceed \$250,000 per proposal for one year of funding, including indirect costs based on the federally negotiated rate for your institution. Follow the basic budget guidelines for an NSF-style proposal.

Statement of facilities and resources (1 page max) available at your institution to support the proposed CI-CORE activities.

Brief resumes (2 pages max) for each Principle Investigator.

Proposal Preparation and Submission Schedule

26 June 2003 – Meet with current CI-CORE partners and Advisory Council at Moss Landing Marine Laboratories, Moss Landing California to learn more about the program and future opportunities

5 September 2003– Submit proposals to:

Dr. Toby Garfield
CI-CORE Coordinator
Moss Landing Marine Laboratories
8272 Moss Landing Rd
Moss Landing, CA 95039

Electronic versions of the proposal may be submitted to garfield@sfsu.edu. Official title pages signed by the P.I.s and Institutional Representatives should be submitted by regular mail, and can follow the electronic version due 5 September 2003.

Proposals will be evaluated by Principal Investigators from the current CI-CORE partner institutions, with input from the Advisory Council. Evaluation criteria will be based on relevance to the CI-CORE mission, including:

- technical competence of the narrative and budget documents
- technical competence of the Principal Investigators to carry out the proposed tasks
- institutional resources capable of supporting the proposed CI-CORE activities

Funding decisions will be completed in December 2003, with projects to begin 1 August 2004, pending availability of funds.

For more information regarding appropriate research/observation topics, interested participants are encouraged to attend a planning meeting between CI-CORE partners and Advisory Council Members, June 26, 2003. For further information contact:

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