

Notice of Opportunity: Collaborators for HMF-Geophysics

The Consortium of Universities for the Advancement Of Hydrologic Science, Inc. (CUAHSI) is seeking collaborators for the Geophysics Module of its Hydrologic Measurement Facility (HMF-Geophysics), based on experience from an NSF-funded pilot project. The objective of HMF-Geophysics is to enable hydrologists to better use near-surface geophysical techniques as an integral part of their research. The primary service of HMF-Geophysics is to perform short-term feasibility studies to assess the applicability of various geophysical techniques for hydrologic problems. Additional services include consulting with hydrologists on possible approaches; education of the hydrologic community about near-surface geophysics through presentations at professional meetings, development of educational materials, and organization of workshops; and identification and engagement of geophysicists at other institutions who are interested in collaborating with hydrologists on projects.

Collaborators interested in assisting with providing these services are sought. Resources will be requested primarily for technician time to provide these services, for costs associated with field deployments, and for salary support for the collaborating geophysicist. It is anticipated that participants in this proposal will be located at an institution with access to a wide range of geophysical hardware and software that can be used in the field deployments. No equipment purchases are anticipated because the pilot project has identified researchers willing to loan a broad range of geophysical equipment. Precise structure of the project (number of collaborators, PI of the project) will depend upon number of responses received to this Notice. Collaborators must work for institutions eligible to receive funding from the National Science Foundation. Further information about the HMF-Geophysics pilot is available at <http://www.cuahsi.org/>.

Scientists interested in collaborating on HMF-Geophysics should send a two-page NSF-style curriculum vitae and a statement of interest (no longer than 3 pages) detailing experience in near-surface geophysics and hydrologic field studies, their vision of how they can contribute to achieving the goals of HMF-Geophysics, and examples of community service and engagement in community activities to exdir@cuahsi.org. Applications are due no later than Tuesday, October 15, 2007. The proposal to NSF will be submitted in December, 2007.