



Hydrologic Information Systems

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Hydrologic and related data are collected by a variety of organizations and individuals for a variety of different purposes. Water resource managers and researchers are increasingly faced with the difficult task of locating, integrating and re-formatting the data to suit the needs of their particular tasks. As a part of the CTIWR Kennard Water Resources Lectures, Dr. Hooper will be presenting two talks on the CUAHSI Hydrologic Information System project tools that have been developed to support this process. The goals of the CUAHSI-HIS are to unite the nation's water information, to make it universally accessible and useful, and to provide access to the data sources, tools and models that enable the synthesis, visualization and evaluation of the behavior of hydrologic systems. The project has three parts: a national cyber-information **system** for sharing hydrologic data, **research** into hydrologic information science, and support for the hydrologic information **community**.

2 PM, Thursday, October 29, 2009

Auditorium, CT DEP Headquarters,
79 Elm St., Hartford, CT, 06106-5127

“CUAHSI Water Data Services: A Simplified Approach to Data Publication and Sharing using Web Services.”

As part of CUAHSI, the purpose for HIS is to serve the information technology needs of the hydrologic science community. HIS promotes open sharing of data and software for hydrologic science, and encourages community contributions to HIS. In this talk, **Dr. Hooper will discuss the experience of the Texas state agencies** in using the HIS tools to integrate hydrologic databases developed and maintained by different organizations.

2 PM Friday, October 30, 2009

Room 100, W.B. Young Building,
UCONN Storrs Campus,
1376 Storrs Rd., Storrs, CT, 06269

“CUAHSI Water Data Services: Advancing Environmental Research through Data Sharing.”

The CUAHSI Hydrologic Information System is a geographically distributed network of hydrologic data sources and functions that are integrated using internet software so that they function as a connected whole. It is comprised of data servers and client software for data publication, sharing, visualization and analysis. In this talk, Dr. Hooper will provide **a more in-depth look “under the hood” of the CUAHSI HIS tools.**

All seminars are free and open to the public.

For more information contact: Pat Bresnahan, Associate Director, CT Institute of Water Resources,
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