

CUAHSI HYDROLOGIC INFORMATION SYSTEM

VERSION 1.1 – JULY, 2008

OVERVIEW OF HIS 1.1

The CUAHSI Hydrologic Information System (HIS) is a National Science Foundation funded project with a mission to develop infrastructure and services to improve access to hydrologic data. With the release of version 1.1, HIS introduces technologies, services, and standards which in concert provide three new water data capabilities:

- **Data Storage** in an *Observations Data Model* (ODM), which is a standardized relational database structure for storing and describing hydrologic observations data measured at point locations;
- **Data Access** through internet-based *Water Data Services* that enable querying and accessing data stored at remote locations in ODM databases, and in the water databases of public agencies, and delivery of these data in a consistent data language, called WaterML;
- **Data Indexing** through a *National Water Metadata Catalog* that assembles in a consistent form the metadata that describe the water observation networks of the nation, and enables data searching across these networks.

In support of the presentation of HIS at the CUAHSI Biennial Meeting in Boulder, the HIS team has prepared a document that provides an overview of HIS version 1.1. A copy of the document will be available at the HIS Workshop on July 16. The document is also available online at

<http://his.cuahsi.org/documents/HISOverview.pdf>

WHERE TO LEARN MORE

Do you want to learn more about using or even publishing your own Water Data Services? Is your ideal weekend afternoon a relaxing day curled up with a cup of coffee and a highly informative yet refreshingly entertaining CUAHSI HIS publication? Have you heard the buzz and are now ready to join the ever-growing CUAHSI community? Then you'll want to check out...

The new CUAHSI HIS website:

<http://his.cuahsi.org/>

There you will find the latest HIS news, software, research, and more. Plug-in, participate, and help evolve the way we work with our nation's water data!

