



US Army Corps
of Engineers®

U.S. Army Engineer Institute for Water Resources

Who We Are

The U.S. Army Engineer Institute for Water Resources (IWR) was formed to provide forward-looking analysis and research in developing planning methodologies to aid the Civil Works program. IWR is a field operating activity under the supervision of the Director for Civil Works, U.S. Army Corps of Engineers (USACE).

Expertise

The Institute is the USACE center of expertise for integrated water resources management, focusing on planning analysis and hydrologic engineering and on the collection, management and dissemination of Civil Works and navigation information, including the nation's waterborne commerce data. It also serves as the Corps center of expertise for collaborative planning and environmental conflict resolution. The Institute supports its mission by providing:

- Analysis of emerging water resources trends and issues
- State-of-the-art planning and hydrologic engineering methods, models and training
- National data management and results-oriented program and project information
- National and international collaboration on water resources issues
- Development of new risk-based decision-support methodologies and software tools
- Conflict resolution and public participation training and outreach

The Institute shares its expertise in providing research and direction for future water resources challenges through its national and international partnerships.

Centers & Partnerships

The Hydrologic Engineering Center specializes in the development, documentation, training, and application of hydrologic engineering and hydrologic models. The Navigation Data Center, and its Waterborne Commerce Statistical Center, is the Corps data collection organization for waterborne commerce, vessel characteristics, port facilities, dredging information, and information on navigation locks.

In 2007 IWR expanded its collaborative partnerships when it established the International Center for Integrated Water Resources Management (ICIWaRM). ICIWaRM, nominated as a UNESCO Category II Water Centre, is hosted by IWR, working in collaboration with key university, federal agency and non-governmental partners sharing an interest in the advancement of the science and practice of integrated water resources management around the globe. IWR's new Conflict-Resolution & Public-Participation Center (CPC) focuses both on the processes associated with conflict resolution and the integration of public participation techniques with decision support and technical modeling (Computer Assisted Dispute Resolution (CADRe)).

Facilities

IWR facilities include its National Capital Region and Navigation Data Center (NDC), both at the Humphreys Engineer Center in Alexandria, Virginia; the Hydrologic Engineering Center (HEC) in Davis, California; and the Waterborne Commerce Statistics Center (WCSC), part of NDC, located in New Orleans, Louisiana.

Points of Contact

For more information, visit IWR's web site at www.iwr.usace.army.mil, or contact IWR Director Robert Pietrowsky (robert.a.pietrowsky@usace.army.mil, 703-428-8250), HEC Director Christopher Dunn (christopher.n.dunn@usace.army.mil, 530-756-1104 x317), NDC Director David Lichy (david.e.lichy@usace.army.mil, 703-428-9052), or WCSC Director Susan Hassett (susan.k.hassett@usace.army.mil, 504-862-1453). IWR's National Capital Region address: U.S. Army Engineer Institute for Water Resources, 7701 Telegraph Rd, 2nd Floor, Casey Building, Alexandria, VA 22315-3868.



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