



# NEWS RELEASE

U.S. ARMY CORPS OF ENGINEERS

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## U.S. ARMY GEOSPATIAL CENTER RELEASES “HyDRA” SMART DEVICE APP

**ALEXANDRIA, Va.** – The U.S. Army Geospatial Center (AGC) and Engineer Research and Development Center recently released the Hydrologic Data Resources Application (HyDRA) - a Web-based data survey and analysis tool created to provide the Dept. of Defense (DoD) logistics and geospatial intelligence-related water communities with information on water resources data collection, visualization and dissemination in a mobile, enterprise-enabled environment.

HyDRA allows users to view, collect and edit unclassified water resources features via Android 2.2+ OS smart devices using Google Maps™ and Google Earth™ applications. Wells, water tanks, water storage points, dams, treatment plants and other features may be added, queried and edited in “connected” and “disconnected” modes; collected features may also be edited through a Web page using the same functionality. The Web page and app were created to assist U.S. Army engineers and the water community working in infrastructure and reconstruction operations with feature collection and identification. A compass feature is also included to assist the user in finding the nearest water feature and its bearings.

The mobile application may be downloaded from the AGC’s Web site at <http://www.agc.army.mil/WRapp/hydralogin.cfm>). An offline version of the mobile application is under development and will allow the user to store collected data locally and sync to the server after an internet connection becomes available.

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## HYDRA/2-2-2

HyDRA's database was initially populated with over 1.6 million features from across the globe. Information collected is added to the AGC's Water Resources Data Base-an enterprise geodatabase containing information on the location, quantity and quality of land-based surface, ground and existing water facility features designed to support overseas DoD Water Resource missions. Both databases are maintained by the center's Water Resources Program, which serves as the DoD's primary agent for military water resource analysis and detection.

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*The **U.S. Army Geospatial Center** coordinates, integrates and synchronizes geospatial information requirements and standards across the Army, develops and fields geospatial enterprise-enabled systems and capabilities to the Army and Department of Defense, as well as provides direct geospatial support and products to Warfighters. To learn more about the AGC, please visit [www.agc.army.mil](http://www.agc.army.mil).*

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