



U.S. Army Engineer  
Research and Development Center

## Dredging Operations Technical Support Program (DOTS)

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**Description** The Dredging Operations Technical Support Program (DOTS) provides technology transfer functions to all stakeholders in the U.S. Army Corps of Engineers' Operations and Maintenance (O&M) navigation mission. The DOTS website (<http://el.erdc.usace.army.mil/dots>) is a dynamic, growing, readily accessible conduit to a wealth of up-to-date resources related to all aspects of navigation.



**Technical Assistance** A primary function of DOTS is to facilitate application of R&D products and expert knowledge to problems and conflicts confronting Corps field offices. DOTS responses cover short-term engagement of laboratory personnel at no cost to the field office. Responses can be initiated simply by email or telephone contact with the Program Manager. Responses can take the form of technology demonstrations, expert testimony, training, technical document reviews, participation in project interagency coordination, and any other mode of technology transfer.



## Access to Knowledge and Tools

The DOTS Program is continually adding content to its website, where a number of databases can be found. For example, the Environmental Effects & Dredging and Disposal (E2-D2, <http://el.erdc.usace.army.mil/E2D2/index.html>) searchable literature database contains over 7,000 references, including a large number of downloadable Corps-sponsored publications.

The Environmental Residue – Effects Database (ERED, <http://el.erdc.usace.army.mil/ered/index.html>), Biota Sediment Accumulation Factor (BSAF) and Lipid Database (BSAF, <http://el.erdc.usace.army.mil/bsaf/bsaf.html>), and Upland Dredged Material Environmental Effects Database (UDMEED, <http://el.erdc.usace.army.mil/udmeed/index.cfm>) provide decision support for sediment contaminant characterization and toxicological studies.

The Threatened, Endangered, and Sensitive Species Protection and Management System (<http://el.erdc.usace.army.mil/tessp/index.cfm>) and Sea Turtle Data Warehouse (<http://el.erdc.usace.army.mil/seaturtles/index.cfm>) contain vast amounts of information and links to relevant sites concerning species with special protected status.

The DOTS Program provides access to several dredging process numerical models (<http://el.erdc.usace.army.mil/dots/models.html>) for both simplistic and sophisticated applications. The website also serves as an archive for guidance documents and technical publication end products of past and ongoing programs, and as a resource for educational outreach materials and digital image libraries.

## Points of Contact

Dr. Douglas Clarke, Program Manager  
U.S. Army Engineer Research and Development Center  
(CEERD-EM-D)  
3909 Halls Ferry Road, Vicksburg, MS 39180-6199  
(601)634-3770, [Douglas.G.Clarke@usace.army.mil](mailto:Douglas.G.Clarke@usace.army.mil)

Joseph Wilson, Program Monitor  
Headquarters, U.S. Army Corps of Engineers (CECW-OD)  
20 Massachusetts Avenue NW, Washington, DC 20314  
(202)761-8846, [Joseph.R.Wilson@HQ02.usace.army.mil](mailto:Joseph.R.Wilson@HQ02.usace.army.mil)