Dredging Operations Technical Support Program

U.S. Army Corps of Engineers | Engineer Research & Development Center | Environmental Laboratory

- What's New
- Research
- Databases
- Beneficial Uses of Dredged Material
- Publications
- Guidance Documents
- Models
- Center for Contaminated Sediments
- Expertise/Contacts /Research Teams
- Training
- Dredging Resources
- Education Center
- Related Sites
- ACCORD

Program Manager:
Dr. Douglas G. Clarke
Douglas.G.Clarke@erdc.usace.army.mil

Program Monitor:
Mr. Joseph R. Wilson
Joseph.R.Wilson@usace.army.mil

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 is a dynamic, growing, readily accessible conduit to a wealth of up-to-date resources related to all aspects of navigation.

http://el.erdc.usace.army.mil/dots

Research

- Dredging Operations and Environmental Research (DOER)
- Former Programs, Archived
  - Dredged Material Research Program (DMRP)
  - Dredging Research Program (DRP)
  - Field Verification Program (FVP)
  - Long Term Effects of Dredging Operations (LEDO)

Databases

- The Environmental Residue-Effects Database (ERED)
- Environmental Effects & Dredging and Disposal (E2-D2): Searchable publications reference database
- The Ocean Disposal Database (ODD)
- The Biota Sediment Accumulation Factor (BSAF) and Lipid Database
- The Upland Dredged Material Environmental Effects Database (UDMEED)
- USACE Sea Turtle Data Warehouse
- USACE Threatened, Endangered, and Sensitive Species Protection and Management System

Models

- Automated Dredging and Disposal Alternatives Modeling System (ADDAMS): Numerical models for dredging applications

Publications

- Technical Reports
  - DOER
  - Environmental Effects of Dredging
  - Former Programs, Archived
    - DMRP (List, Summary Reports online)
    - DRP (List, Summary Reports online)
    - FVP (Summary Reports online)
    - LEDO
- Research Briefs
- Information Exchange Bulletins
  - Dredging Research Information Exchange Bulletin
  - Environmental Effects of Dredging Program Newsletter (Archived)
- Technical Notes
  - DOER
  - EEDP (Results from FVP, LEDO, DOTS and prior programs)
  - DRP (Archived)

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Guidance

- Engineer Manuals
  - "Dredging and Dredged Material Disposal," EM 1110-2-5025
  - "Dredged Material Beneficial Uses," EM 1110-2-5026
  - "Confined Disposal of Dredged Material," EM1110-2-5027
- USACE Implementation Memoranda
  - Leachate Guidance Memorandum
  - Sediment Quality Guidelines
- EPA/USACE Guidance
  - Inland Testing Manual (Evaluation of Dredged Material Proposed for Discharge in Waters of the U.S.)
  - Ocean Testing Manual (Evaluation of Dredged Material Proposed for Ocean Disposal)
  - Technical Framework (Evaluating Environmental Effects of Dredged Material Management Alternatives)
- Regional Guidance
  - Great Lakes Dredged Material Testing and Evaluation Manual
  - Dredged Material Evaluation Framework, Lower Columbia River Management Area

Dredging Resources

- Digital Images
- Outreach Materials
- Tools (links to DOER)
- Links to Related Sites