# SEDiment MANagement (SEDMAN) Web Application



# Why SedMan?

ERDC TR-XX-DRAFI

Engineer Research and

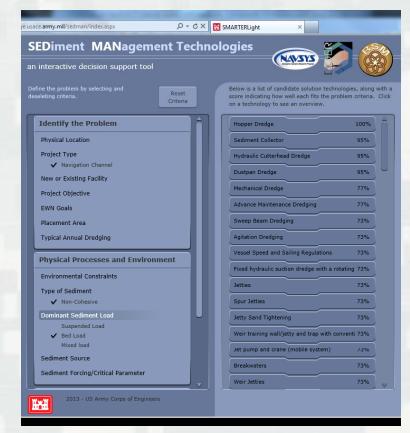
- DOER: research into sediment management methods to reduce dredging
- Products:Technical Report3 Technical Notes

**US Army Corps** of Engineers® Engineer Research and Development Center Dredging: The Art of Sediment Management Robert C. Thomas, Timothy L. Welp, Lauren M. Dunkin Lauren A. Coe, and Brandan M. Scully



#### What is it?

- Database & Web-Tool of sediment management technologies
  - ▶ Name
  - ▶ Picture
  - ▶ Description
  - ► How it works
  - ▶ Key things to remember
  - ► Where you can get more info
  - ▶ Where its been used before
  - ▶ Rank on over 80 parameters

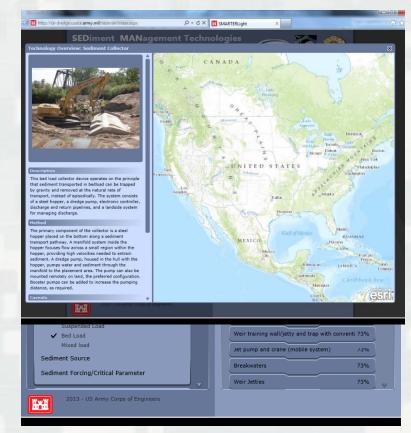






#### What is it?

- Users identify which parameters are relevant for their project
- Algorithm ranks technologies
- Website displays the results







## What can you do with it?

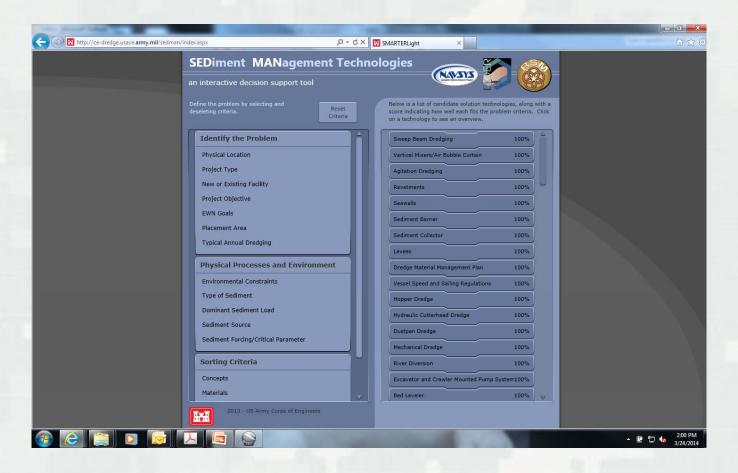
- Identify and screen alternatives
- Integrate knowledge of sediment management technologies into other tools
- Easy update allows integration of new knowledge into the DB
- Avoid reading 1000s of pages of reports!







### Live Demo





http://sedman.usace.army.mil http://ce-dredge.usace.army.mil/sedman/index.aspx

