



ERDC Dredging Operations Technical Support Program (DOTS)

U.S. ARMY CORPS OF ENGINEERS

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Response Summary:

Portland District is preparing to undertake the development of a dredge material management plan (DMMP) for the Lower Columbia River. They have identified the ERDC-managed tool, Dredged Material Disposal Management (D2M2), as appropriate to support decision making about placement, timing, investment and other dredge material-related issues and plan to use it to that end.

The Risk and Decision Science team's support of Portland District to learn how to build and run D2M2 was funded by DOTS. Members of Portland District staff visited the Risk and Decision Science team for two days of tutorials.

Period of Performance:

May 1, 2019 to June 15, 2019

Benefits of the Response to the USACE Dredging/Navigation Program:

The benefit of the technical response is the new capability of Portland to implement D2M2 and ultimately make improved decisions about dredge material use and placement. D2M2 optimizes allocation of dredge material and in so doing informs decision making that seeks efficient solutions.

Deliverable:

The technical response was pursued in order to develop the capability of Portland District to build and run D2M2 with the end goal of supporting the development of the DMMP for the Lower Columbia River.



Providing environmental and engineering technical support to the U.S. Army Corps of Engineers
Operations and Maintenance navigation and dredging missions