U.S. Army Engineer
Research and Development Center

Beneficial Uses of Dredged Material

Background

Dredged material is a potentially valuable resource if properly applied in a beneficial use. Significant value or benefit can be realized if proper planning and coordination exist between all parties involved. The suitability of dredged material for different uses varies; however, a wide variety of beneficial use options are available for consideration.

Description of Technology

Examples of ***Engineering Applications*** for dredged materials include land creation, land improvement, berm creation, shore protection, replacement fill, beach nourishment, and capping.

Agricultural and Product Applications include topsoil, aquaculture in dredged material containment areas, and a wide array of manufactured construction materials.

Dredged materials may be used for ***Environmental Enhancement*** of wetlands, fisheries, and other habitats for wildlife utilization.

Benefits

Benefits may include project cost savings, local economic boosts, habitat improvement, agricultural improvement, and enhancements to recreational activities. In addition, beneficial use of dredged material provides tangible and intangible benefits that enhance the environment, local community, and society.

Lead Organizations

U.S. Army Corps of Engineers
U.S. Environmental Protection Agency

Internet Address

http://www.wes.army.mil/el/dots/budm/ describes a wide variety of potential beneficial uses for dredged material.

Point of Contact

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