



US Army Corps
of Engineers

ENVIRONMENTAL EFFECTS OF DREDGING PROGRAM

TECHNICAL REPORT D-87-14

P. O. Box 631

Vicksburg, MS 39180

1195

BENEFICIAL USES OF DREDGED MATERIAL
PROCEEDINGS OF THE FIRST INTERAGENCY WORKSHOP
7-9 OCTOBER 1986, PENSACOLA, FLORIDA

Mary C. Landin and Hanley K. Smith, Editors

Environmental Laboratory

DEPARTMENT OF THE ARMY

Waterways Experiment Station, Corps of Engineers
PO Box 631, Vicksburg, Mississippi 39180-0631



March 1987

Final Report

Approved For Public Release; Distribution Unlimited



Prepared for Dredging Division
Water Resources Support Center
Fort Belvoir, Virginia 22060-5586

Destroy this report when no longer needed. Do not return
it to the originator.

The findings in this report are not to be construed as an official
Department of the Army position unless so designated
by other authorized documents.

The contents of this report are not to be used for
advertising, publication, or promotional purposes.
Citation of trade names does not constitute an
official endorsement or approval of the use of
such commercial products.

The D-series of reports includes publications of the
Environmental Effects of Dredging Programs:
Dredging Operations Technical Support
Long-Term Effects of Dredging Operations
Interagency Field Verification of Methodologies for
Evaluating Dredged Material Disposal Alternatives
(Field Verification Program)

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE

| REPORT DOCUMENTATION PAGE | | | | Form Approved OMB No 0704-0188 Exp. Date Jun 30, 1986 | |
|--|--------------------------------------|--|---|---|-------------------------|
| 1a. REPORT SECURITY CLASSIFICATION Unclassified | | 1b. RESTRICTIVE MARKINGS | | | |
| 2a. SECURITY CLASSIFICATION AUTHORITY | | 3. DISTRIBUTION / AVAILABILITY OF REPORT Approved for public release; distribution unlimited. | | | |
| 2b. DECLASSIFICATION / DOWNGRADING SCHEDULE | | | | | |
| 4. PERFORMING ORGANIZATION REPORT NUMBER(S) Technical Report D-87-1 | | 5. MONITORING ORGANIZATION REPORT NUMBER(S) | | | |
| 6a. NAME OF PERFORMING ORGANIZATION USAEWES Environmental Laboratory | 6b. OFFICE SYMBOL (If applicable) | 7a. NAME OF MONITORING ORGANIZATION | | | |
| 6c. ADDRESS (City, State, and ZIP Code) PO Box 631 Vicksburg, MS 39180-0631 | | 7b. ADDRESS (City, State, and ZIP Code) | | | |
| 8a. NAME OF FUNDING / SPONSORING ORGANIZATION See Reverse | 8b. OFFICE SYMBOL (If applicable) | 9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER | | | |
| 8c. ADDRESS (City, State, and ZIP Code) Fort Belvoir, VA 22060-5586 | | 10. SOURCE OF FUNDING NUMBERS | | | |
| | | PROGRAM ELEMENT NO. | PROJECT NO. | TASK NO. | WORK UNIT ACCESSION NO. |
| 11. TITLE (Include Security Classification) Beneficial Uses of Dredged Material; Proceedings of the First Interagency Workshop, 7-9 October 1986, Pensacola, Florida | | | | | |
| 12. PERSONAL AUTHOR(S) Landin, Mary C.: Smith, Hanley K.; Editors | | | | | |
| 13a. TYPE OF REPORT Final report | | 13b. TIME COVERED FROM _____ TO _____ | 14. DATE OF REPORT (Year, Month, Day) March 1987 | | 15. PAGE COUNT 275 |
| 16. SUPPLEMENTARY NOTATION Available from National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161 | | | | | |
| 17. COSATI CODES | | | 18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) | | |
| FIELD | GROUP | SUB-GROUP | | | |
| | | | Dredged material Dredging | | |
| 19. ABSTRACT (Continue on reverse if necessary and identify by block number) The First Interagency Workshop on the Beneficial Uses of Dredged Material was held in Pensacola, Fla., on 7-9 October 1986. It was sponsored by the Dredging Division of the Water Resources Support Center, US Army Corps of Engineers (CE), with cooperating agencies, the National Marine Fisheries Service, US Fish and Wildlife Service, and US Environmental Protection Agency. Basic workshop objectives were to improve awareness and acceptability of beneficial use options for dredged material disposal; to discuss past, current, and future beneficial use applications; to identify innovative and untested beneficial uses; and to contribute to the development of a logical beneficial use strategy reflected in long-term planning and management. Foremost for all participants at the workshop was the creation and cultivation of an atmosphere of cooperation, communication, and coordination among Federal and State | | | | | |
| (Continued) | | | | | |
| 20. DISTRIBUTION / AVAILABILITY OF ABSTRACT <input checked="" type="checkbox"/> UNCLASSIFIED/UNLIMITED <input type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS | | | 21. ABSTRACT SECURITY CLASSIFICATION Unclassified | | |
| 22a. NAME OF RESPONSIBLE INDIVIDUAL | | | 22b. TELEPHONE (Include Area Code) | 22c. OFFICE SYMBOL | |

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE

8a. NAME OF FUNDING/SPONSORING ORGANIZATION (Continued).

Dredging Division
Water Resources Support Center

19. ABSTRACT (Continued).

agencies, the dredging industry, port and maritime administrations, and public and private concerns.

Agency and industry overviews were presented and panels were held on the first day, highlighted by a keynote address by MG Henry J. Hatch, Director of Civil Works, CE. Three technical sessions on habitat development applications, industrial and commercial applications, and special applications and concepts were held the second day, followed by informal discussion groups for each session. Session summaries and wrapup panels completed the workshop on the third day, which was followed by two highly informative tours of Gaillard Island Confined Disposal Facility and Mobile Harbor, Alabama, and the Perdido Key Beach Nourishment Project, Florida.

Workshop participants arrived at several important conclusions: (a) beneficial uses already made have been significant; (b) the CE could do more with the beneficial uses concept if it had greater authority to do so; (c) in some areas such as marine fisheries, there are still needs for baseline data on beneficial use sites; (d) every effort to continue seeking beneficial uses should be made; (e) every effort to continue close communication, cooperation, and coordination with other agencies, offices, and concerns must be made; and (f) another interagency workshop should be held in 12 to 18 months.

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE