discussions of numerical models. Mr. Mark Gravens, CERC, made a presentation on the assessment of long-term performance of beach fills using the shoreline modeling system. Mr. Lyle Thompson, Detroit District, discussed the need of modeling for cohesive shorelines, and Mr. Bruce Ebersole, CERC, presented information on beach profile response models and discussed the efforts that would be required in order to apply the models to cohesive shorelines.

The morning of the second day opened with a discussion of nearshore disposal of dredged material for beach nourishment. Mr. Matthew Walsh, Buffalo District, discussed Great Lakes experience; Ms. Cheryl Burke, CERC, gave a brief look at feeder and stable berms as a tool for providing wave attenuation and introducing sediment into the littoral zone; and Dr. Norm Scheffner spoke on preliminary design and how numerical models are used for evaluation.

Dr. Don Stauble, CERC, Mr. Thompson, and Mr. Johnson discussed the effects of gradation on beach nourishment performance. Mr. Bender and Mr. James Clausner, CERC, discussed sand bypassing at small navigation inlets; and Mr. Mike Mohr, Buffalo District, and Ms. Monica Chasten, CERC, discussed the performance of detached breakwater systems. Mr. Mohr closed the morning session with a discussion of the effects of sand waves on shorelines, using Presque Isle, Pennsylvania as an example.

Mr. Johnson opened the second afternoon with a discussion on the effectiveness of shore protection structures on clay shorelines, providing examples of many failed structures. Mr. Ed Hands, CERC, made a presentation on sediment and profile data collection and monitoring, and the undersigned closed the workshop with a summary of requirements for defining and analyzing shoreline problems.

A summary of proceedings of the workshop will be published as an Engineer Circular, and will be available at a later date.

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BOOKS RECEIVED

Coastal Sediments '91 (Proceedings of a Specialty Conference on Quantitative Approaches to Coastal Sediment Processes), by N.C. Kraus, K.J. Gingerich, and D.L. Kriebel. 1991. New York: American Society of Civil Engineers, 2 Vols. 2360p. ISBN 0-87262-808-6. (pbk)

Proceedings of the Symposium on Coastal Sand Dunes (Guelph, Ontario, 12–14 September 1990), R. Davidson-Arnott (ed.), 1990. Ottawa, Ontario, Canada: Coastal Zone Engineering, Institute for Mechanical Engineering, National Research Council, 471p. (pbk)

The Rising Tide: Global Warming and World Sea Levels, by L.T. Edgerton, 1991. Washington, DC: Island Press, 136p. ISBN 1-55963-067-1. (pbk)

Wetlands, By W.J. Mitch and J.G. Gosselink, 1986. New York: Van Nostrand Reinhold, 537p. ISBN 0-442-26398-8.

Changes in Shoreline Oiling Conditions 1-1½ Years After the 1989 Prince William Sound Spill, by E.H. Owens, 1991. Seattle, WA: Woodward-Clyde, 52p. + appendices.

Books Received From
U.S. Army Corps of Engineers
Vicksburg, MS 39180 USA

Coastal Response to Port Sheldon Jetties at Pigeon Lake, Michigan, by M. Hansen and S.G. Underwood, 1991. Miscellaneous Paper CERC-91-4.

Spud Point Marina Breakwater, Bodega Bay, Sonoma County, California, by J.W. Lott, 1991. Miscellaneous Paper CERC-91-5.

Index and Bulk Parameters for Frequency-Direction Spectra Measured at CERC Field Research Facility, September 1987 to August 1988, by C.E. Long, 1991. Miscellaneous Paper CERC-91-7.

Use of Theoretical Wave Height Distributions in Directional Seas, by C. E. Long, 1991. Technical Report CERC-91-6.

Rubble-Mound Breakwater Wave-Attenuation and Stability Tests, Olcott Harbor, New York, by R.D. Carver, 1991. Technical Report CERC-91-5.

Wave Height Distributions in Multiple-Peaked Seas, by C.E. Long, 1991. Technical Report CERC-91-7.

Los Angeles and Long Beach Harbors Model Enhancement Program: Measured Response of Moored Ships to Long-Period Waves, by D.D. McGehee, 1991. Technical Report CERC-91-12.

Proceedings of the 53rd Meeting of the Coastal Engineering Research Board: 5–7 June 1990, Fort Lauderdale/Dania, Florida. U.S. Army Engineer Division, South Atlantic, and U.S. Army District, Jacksonville. Final Report 1991.