



## Reports of Meetings

### U.S. Army Corps of Engineers 1990 Coastal Workshop

The U.S. Army Corps of Engineers 1990 Coastal Workshop was held in New Orleans, Louisiana on April 17-19, 1990. Previous workshops were held in 1983 and 1988. The workshop was held for the purpose of discussing current coastal issues in the Corps of Engineers. Over 70 coastal specialists from the Corps attended.

The workshop opened on Tuesday with a presentation by Dr. Donald L. Stauble of the Waterways Experiment Station's (WES) Coastal Engineering Research Center (CERC) and Mr. Milton Dowd of Charleston District on surveys and data collection following Hurricane Hugo. This was followed by a presentation on beachfills: successes and failures by Mr. Mark Hansen of CERC and Dr. Stauble, and an update on physical and numerical modeling of cross-shore sediment motion by Drs. Steven A. Hughes and Nicholas C. Kraus of CERC. Mr. Dave Timpy and Mr. T. L. Keon of Philadelphia District were joined by Ms. Lynn Bocamazo of New York District in a presentation on determination of project benefits. Mr. Mark B. Gravens of CERC and Dr. Kraus made presentations on the microcomputer programs PC GENESIS and PC NMLONG for predicting shoreline change, and Mr. Matthew Walsh of Buffalo District and Mr. Charlie Johnson of North Central Division led the final discussion of the day on stone quality and the problem of armor stones cracking after placement. Mr. Doyle Jones of CERC gave demonstrations throughout the day of Coastal Engineering Data Retrieval System (CEDRS) software which is under development at CERC.

Mr. Russ Theriot of WES's Environmental Laboratory (EL) opened the second day on

Wednesday with an overview of the Corps' new Wetlands Research Program. Mr. Neil McLellan of CERC presented information on the nearshore placement of dredged material in underwater berms, both as stable berms and feeder berms, and Dr. Susan Rees of Mobile District discussed regulatory aspects of dredged material placement. Dr. Mary Landin of EL gave an overview of islands and marshes created with dredged material, and the recolonization of those areas, and Mr. Eric Nelson of Seattle District presented information on the recent project at Everett, Washington. Mr. E. Clark McNair of CERC summarized recent results of the Dredging Research Program. Mrs. Julie D. Rosati presented an overview of the impacts of inlets on adjacent shores, including changes to ebb tidal and flood tidal deltas and the effects from depositing dredged sand in deep water where it is lost to the littoral system. Mr. Stanley J. Boc of Pacific Ocean division was joined by Mr. John Ahrens of CERC and Mr. Johnson in a discussion of dynamic revetments for shoreline protection. Mr. Lee Butler of CERC gave a status report on three-dimensional models, and Mr. David D. McGehee of CERC gave the final presentation of the day on the Field Wave Gaging Program.

Mr. Johnson and Mr. Charles Thompson of Detroit District opened the last day of the workshop on Thursday with a presentation on Geographic Information Systems (GIS). The balance of the meeting was devoted to presentations on Automated Coastal Engineering Systems (ACES), with Dr. Edward Thompson of CERC presenting an update on coastal processes, and Mr. Donald L. Ward of CERC on structural design.