Coastal Sediments 03 Conference

Short Course, May 17, 2003

Sheraton Sand Key Resort • Clearwater Beach, Florida

U.S. Army Corps of Engineers, Coastal Inlets Research Program

MODELING TIDAL INLETS

7:30 – 08:00 a.m.	Load Software	
8:00 – 8:15 a.m.	Welcome, Self-Introductions, Overview of Course	N. Kraus
8:15 – 9:45 a.m.	Geomorphology of Coastal Inlets and Neighboring Shores, Long-Term Trends, and Response to Storms	G. Zarillo
9:45 – 10:00 a.m.	**Break**	
10:00 – 10:30 a.m.	Inlet Morphology Tool Box	N. Kraus
10:30 – 11:00 a.m.	Overview of Physical Models of Tidal Inlets	W. Seabergh
11:00 – 12:00 a.m.	Overview of the Corps of Engineers' Inlet Modeling System (IMS)	M. Cialone
12:00 – 1:00 p.m.	**Lunch**	
1:00 – 2:00 p.m.	Keulegan Model and Escoffier Model	W. Seabergh
2:00 – 2:45 p.m.	Sediment Budgets at Inlets and Sediment Budget Analysis System (SBAS)	J. Rosati
2:45 – 3:00 p.m.	**Break**	
3:00 – 4:00 p.m.	Reservoir Model of Tidal Inlet Bypassing and Geomorphology Change	N. Kraus
4:00 – 5:00 p.m.	Discussion and practice with software	All
5:00 p.m.	**Adjourn**	

Instructors

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ERDC = U.S. Army Engineer Research & Development Center, Coastal & Hydraulics Laboratory
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