

RÉSUMÉ

Robert G. Dean, Sc.D.

Graduate Research Professor
Coastal and Oceanographic Engineering Program
Civil and Coastal Engineering Department
University of Florida, Gainesville, Florida 32611
Phone: (352) 392-9537 × 1430, E-mail address: dean@coastal.ufl.edu

PERSONAL

Date of Birth: November 1, 1930
Place of Birth: Laramie, Wyoming
Marital Status: Married, two children

SCHOLASTIC TRAINING

1952	Long Beach City College	A.A.
1954	University of California (Berkeley)	B.S. (Civil Engineering)
1956	Texas A & M University	M.S. (Physical Oceanography)
1959	Massachusetts Institute of Technology	Sc.D. (Civil Engineering)

EXPERIENCE

1959-60	Assistant Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge, MA
1960-65	Senior Research Engineer, Chevron Research Corporation, La Habra, CA
1965-66	Acting Associate Professor of Oceanography, University of Washington, Seattle, WA
1966-72	Professor and Chairman, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL
1972-75	Professor, Coastal and Oceanographic Engineering Laboratory, University of Florida, Gainesville, FL
1975-82	Unidel Professor, Department of Civil Engineering and College of Marine Studies, University of Delaware, Newark, DE
1985-87	Director, Division of Beaches and Shores, Florida Department of Natural Resources, Tallahassee, FL
1982-91	Graduate Research Professor, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL

- 1992-97 Chairman and Graduate Research Professor, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL
- 1997-2000 Graduate Research Professor, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL
- 2001-2003 Graduate Research Professor, Coastal and Oceanographic Engineering Program, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL
- 2003-present Emeritus Graduate Research Professor, Coastal and Oceanographic Engineering Program, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL

PROFESSIONAL SOCIETIES AND ACTIVITIES

- Vice Chair of Civil Engineering Peer Review Committee of the National Academy of Engineering.(2000)
- Chair of Coastal Engineering Technical Advisory Committee of the State of Florida
- American Society of Civil Engineers
- Chair, Coastal Engineering Research Council of the American Society of Civil Engineers (1992-2004)
- Chair, Florida Shore and Beach Preservation Association (Past)
- Director, American Shore and Beach Preservation Association
- Director, Applied Technology Council (Past)
- ASCE Committees: Hydromechanics Committee; Task Committee on Long Waves; Task Committee on Hurricane Protection; Task Committee on Wave Forces; Committee on Coastal Engineering (All past memberships)
- Associate Editor - Marine Science Communications (Past)
- Advisory Editor - Journal of Coastal Engineering
- Editorial Board - Journal of Coastal Research
- Appointed by the National Academy of Engineering to a Task Force to assess the state of the art of methodologies for predicting storm tide calculation methodologies, Chairman of a Working Group, 1981
- Organized and convened a Technical Workshop on "Wave Measurement Technology"; workshop sponsored by the National Oceanic and Atmospheric Agency through the National Academy of Engineering, 1981
- Member, Coastal Engineering Research Board, U.S. Army Corps of Engineers, 1968-1980, and also 1993-1998
- Appointed to the Marine Board of the National Research Council, 1981
- Appointed to the National Research Council Committee on Natural Disasters, 1982

- Appointed to a Consulting Board to provide guidance to the redesign of the Sines Breakwater (a \$300 million failure due to heavy wave action)
- Appointed to a Consulting Board to evaluate and remedy damage to breakwater of Diablo Canyon Nuclear Power Plant
- Chairman of National Research Council Committee on "Engineering Implications of Sea Level Change," 1982-1986
- Member of National Research Council Committee on "Coastal Erosion Zone Management" (1988-1989)
- Member of National Research Council Committee on "Beach Nourishment and Protection" (1992 - 1995)
- Member of the National Research Council Committee on "Coastal Engineering Research and Education Needs," (1997 - 1999)
- Chair, Civil Engineering Peer Committee, National Academy of Engineering (2001)
- Chair, National Research Council "Committee on the Restoration and Protection of Coastal Louisiana," (2001 to 2005)
- Member, National Research Council "Committee on Environmental Impacts of Wind Energy Projects" (2005 -)
- Appointed to a Consulting Board to Evaluate the Integrity of the Lake Okeechobee Levee System
- Appointed to a Consulting Effort to Evaluate Causes of Levee Failures in New Orleans, LA

PATENTS

- United States Patent No. 4,499,762 (Water Wave Monitor) issued to Kevin R. Bodge and Robert G. Dean on February 19, 1985.

HONORS

- Recipient of the ASCE John G. Moffatt-Frank E. Nichol Harbor and Coastal Engineering Award, 1987
- Recipient of the Gold Medal Award of the Florida Shore and Beach Preservation Association, 1987
- Recipient of the ASCE International Coastal Engineer Award, 1983
- Awarded the Outstanding Civilian Service Medal by the Department of the Army, 1981
- Elected to the National Academy of Engineering, 1980
- Recipient of the Jim Purpura Award of the Florida Shore and Beach Preservation Association, 1979

- Recipient of ASCE Award for Significant Contributions in Coastal Engineering and Wave Hydrodynamics, 1990
- Recipient of the Bill Carlton Award of the Florida Shore and Beach Preservation Association, 1996
- Recipient of the Morrough P. O'Brien Award of the American Shore and Beach Preservation Association, 2001
- Recipient of "Outstanding Civilian Service Medal" for contributions to the forensic studies of Hurricane Katrina. Also received a letter of recognition from Mr. John Paul Woodley, Jr., Assistant Secretary of the Army for the same effort. (2008)

FELLOWSHIPS

1954-55 United Gas Fellowship in Engineering Oceanography
 1958-59 John R. Freeman Fellowship in Hydraulics

RESEARCH AND DEVELOPMENT ACCOMPLISHMENTS

Research on bottom currents and sediment motion on the continental shelf, 1965. Development of high order nonlinear water wave theories and study of wave forces on offshore structures, 1960-1973. Research on the interaction of waves with fixed and moored objects, harbor resonance, and sediment motion due to waves shoaling on a beach, 1955-1960. Beach erosion problems, tidal inlets and coastal structure, 1968-1973. Hurricane effects on coastal waters, 1969-1971. Thermal effects in coastal waters, 1966-1973. Problems associated with nearshore and offshore siting of power plants. Natural and human-induced shoreline changes and effective shoreline stabilization measures. Levee design to withstand overtopping and lee side erosion.

CONSULTING

Have consulted for approximately 100 firms and governmental agencies in the general area of coastal and ocean engineering.

FIELD OF INTEREST

Wave theories, beach erosion problems, tidal inlets, coastal structures, etc.

PUBLICATIONS

Text Books, Book Chapters and Overall Reports

- Co-author of text book: “Water Wave Mechanics for Engineers and Scientists,” World Scientific Press.
- Co-author of text book: “Coastal Processes with Engineering Applications,” Cambridge University Press.
- Author of text book: “Beach Nourishment, Theory and Practice,” World Scientific Press.
- Author of a number of book chapters (about 20).
- Author of more than 200 technical report publications.

Journal Articles, Reports and Proceedings by Year of Publication

2008

“Wave Setup”, To Be Published in the Handbook of Coastal and Ocean Engineering, World Scientific Press, Co-author: Todd L. Walton

“Beach Nourishment”, To Be Published in the Handbook of Coastal and Ocean Engineering, World Scientific Press, Co-author: Julie D. Rosati

2006

“Wave Field Modifications by Bathymetric Anomalies with Gradual Transitions in depth: A Review”, *Proceedings, 30th International Conference on Coastal Engineering*, Lisbon, Portugal Summer, 2006, Co-author: Christopher J. Bender, pp. 412-424.

“Wave Processes in Nearshore Environment for Hazard Identification”, *Proceedings, 30th International Conference on Coastal Engineering*, Lisbon, Portugal Summer, 2006, Co-authors: Robert C. Mac Arthur and Robert Battalio, pp. 1775-1787.

“Characteristic Shoreline Change Patterns Identified Using EOF Analysis”, *Proceedings, 30th International Conference on Coastal Engineering*, Lisbon, Portugal Summer, 2006, Co-authors: Jon Miller and Thomas O. Herrington, pp. 3516-3528.

“An Engineering Scale Model for Predicting the Shoreline Response to Variations in Waves and Water Levels”, *Proceedings, 30th International Conference on Coastal Engineering*, Lisbon, Portugal Summer, 2006, Co-author: Jon K. Miller, pp. 3554-3566.

“Coastal Engineering Evaluation of Sebastian Inlet, FL”, *Proceedings, 30th International Conference on Coastal Engineering*, Lisbon, Portugal Summer, 2006, Co-author: Paden Woodruff, III, pp. 3873-3885.

“Morphological Evolution of Subsiding Barrier Island Systems”, *Proceedings, 30th International Conference on Coastal Engineering*, Lisbon, Portugal Summer, 2006, Co-authors: Julie D. Rosati, Nicholas C. Kraus and Gregory W. Stone, pp. 3963-3975.

2005

“Wave Transformation by Axisymmetric Three-dimensional Bathymetric Anomalies With Gradual Transitions in Depth,” *Coastal Engineering*, 52, pp. 331 - 351. Co-author: C. J. Bender.

“Static Wave Setup With Emphasis on Damping Effects by Vegetation and Bottom Friction,” Accepted for Publication, *Coastal Engineering*. Co-author: C. J. Bender.

“Wave Friction Factors From Energy Flux Comparisons Outside of the Surf Zone,” Accepted for Publication, *Journal of Coastal Research*. Co-authors: J. L. Eshelman and K. K. Hatheway.

“Sediment Budget Analysis and Management Strategy for Fort Pierce Inlet, Florida,” *UFL/COEL-2005/004*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL. Co-author: E. Rodriguez.

“Evaluation of the Effect of Sebastian Inlet on Adjacent Beach Systems Using DEP Surveys and Coastal Engineering Principles,” *UFL/COEL-2005/00X*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL.

2004

“Wave Field Modifications by Elliptic Bathymetry With Gradual Transitions in Depth,” *Proceedings, 29th International Conference on Coastal Engineering*, Copenhagen, Lisbon, Portugal, Summer, 2004, Co-Author, C. J. Bender, pp 243 - 255.

“Downdrift Transfer of Background Erosion by a Littoral Barrier,” *Proceedings, 29th International Conference on Coastal Engineering*, Copenhagen, Lisbon, Portugal, Summer, 2004, pp 1997 - 2008.

“A Simple New Shoreline Evolution Model,” *Proceedings, 29th International Conference on Coastal Engineering*, Copenhagen, Lisbon, Portugal, Summer, 2004, Co-Author, J. Miller, pp 2009 - 2021.

“A Simple New Shoreline Change Model,” *Coastal Engineering*, 51, pp. 531 - 556. Coauthor: J. Miller.

“Potential Shoreline Changes Induced by 3-Dimensional Bathymetric Anomalies With Gradual Transitions in Depth,” *Coastal Engineering*, 51, pp. 1143-1161. Co-author: C. J. Bender.

“Review of Selected East Coast Florida Inlets, Boca Raton Inlet, FL: Evaluation of Coastal Processes and Management Practices and Development of Sediment Budgets,” *UFL/COEL-2004/007*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL. Co-authors: W. G. McDougal and Andrea Smith.

“Next Generation Beach and Dune Erosion Model for Applications of the Bureau of Beaches and Coastal Systems,” *UFL/COEL-2004/008*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL, 18 Pages.

“Users Manual: Next Generation Beach and Dune Erosion Model for Applications of the Bureau of Beaches and Coastal Systems,” *UFL/COEL-2004/009*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL, 36 pages.

2003

Beach Nourishment: Theory and Practice, World Scientific, Singapore, 399 pages.

“Wave Field Modification by Bathymetric Anomalies and Resulting Shoreline Changes: A Review With Recent Results,” *Coastal Engineering*, 49, pp. 125 - 153. Co-author: C. J. Bender.

“Wave Transformation by Two-dimensional Bathymetric Anomalies With Sloped Transitions,” *Coastal Engineering*, 50, pp. 61 - 84. Co-author: C. J. Bender.

“Review of Selected East Coast Florida Inlets, Phase 1: Sebastian Inlet, FL, Evaluation of Coastal Processes and Management Practices and Development of Recommended Modifications,” *UFL/COEL-2003/001*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL.

2002

Coastal Processes With Engineering Applications, Cambridge University Press, Cambridge, England, 475 Pages, Co-author: R. A. Dalrymple

“Feasibility of Measuring Currents from a Personal Water Craft,” *Proceedings, ASCE Conference on Ocean Wave Measurement and Analysis*, pp. 66 - 75. Co-authors: Jamie Macmahan, R. J. Thieke, G. Miller, J. Engle, T. Stanton, A. Reiner, P. Ruggerio and G. Gulfenbaum

“Erosional Hot Spot Prediction Through Wave Analysis,” *Proceedings, ASCE Conference on Ocean Wave Measurement and Analysis*, pp. 1306 - 1315. Co-author: C. Bender

“Closure Depth Considerations Along the Florida Shoreline,” *UFL/COEL-2002/009*, Civil and Coastal Engineering, University of Florida, Gainesville, FL.

“Independent Analysis of Porous Groin Installation at Eglin Air Force Base, FL,” *UFL/COEL-2001/013*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL. Co-author: S. B Malakar.

“Wave Field Modifications by Bathymetric Anomalies and Resulting Shoreline Changes,” *UFL/COEL-2002/007*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL. Co-author: C. Bender.

2001

“Shoreline Modeling at Holly Beach, LA,” *UFL/COEL-2001/010*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL.

“Wave Measurements in Vicinity of Holly Beach, LA,” *UFL/COEL-2001/011*, Civil and Coastal Engineering Department, University of Florida, Gainesville, FL. Co-author: S. B Malakar, S. Schofield.

“Beach Nourishment Prediction Methodology, Monitoring and Sediment Characteristics: Report of CETAC Workshop 2,” *UFL/COEL-2001/009*, Coastal and Oceanographic Engineering, University of Florida, Gainesville, FL.

“Manatee County Beach Nourishment Project: Performance and Erosional Hot Spot Analysis,” *UFL/COEL-2001/003*, Coastal and Oceanographic Engineering, University of Florida, Gainesville, FL. Co-author: Z. Wang

“Storm Damage Reduction Potential via Beach Nourishment,” *Proceedings, 27th International Conference on Coastal Engineering*, Sydney, Australia, Summer, 2000, pp. 33053318.

“Innovative Erosion Control Technology in Florida,” *Proceedings, 27th International Conference on Coastal Engineering*, Sydney, Australia, Summer, 2000, pp. 3853 - 3860, Co-author, P. E Woodruff.

2000

“Relative Significance of Background Erosion and Spreading Losses: A Beach Nourishment Design Aid” *UFL/COEL-2000/001*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Monitoring and Comparison to Predictive Models of the Perdido Key Beach Nourishment Project, Florida, USA,” *Coastal Engineering*, 39(2-4): 173-192. Co-author: A. E. Browder.

“Beach Nourishment Design: Consideration of Sediment Characteristics,” *Proceedings of the 13th National Conference on Beach Preservation Technology*, (13): 41-63.

“Continued Development of Program to Quantify Shoreline Changes, Lee County, Florida,” *UFL/COEL-2000/001*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: S. B. Malakar.

“Beach Nourishment Design: Consideration of Sediment Characteristics,” *UFL/COEL2000/002*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Beach Nourishment Design: Probability of Encountering Rock with Cores through a Borrow Pit,” *UFL/COEL-2000/003*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

1999

“Hurricane Opal Hydrodynamics and Erosional Potential,” *UFL/COEL-99/001*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Pensacola Pass, Florida; Inlet Management Study,” *UFL/COEL-99/002*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: A. E. Browder.

“Hurricane Opal: Results from Washover Analysis Task E: Characterization of Beach and Dune Response,” *UFL/COEL-99/004*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: C. L. Suter.

“Phase 1 Development of a ‘Next Generation’ Beach and Dune Erosion Model for CCCL and Other Beach Management Application,” *UFL/COEL-99/011*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL, 16p.

“Monitoring Report: Midtown Beach Nourishment Project in Palm Beach Florida, October 1995 to April 1999,” *UFL/COEL-99/018* (revision of *UFL/COEL-99/013*), Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Recommended Beach Nourishment Guidelines for the State of Florida and Unresolved Related Issues,” *UFL/COEL-99/020*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: T. J. Campbell.

“Erosional Hot Spots,” *UFL/COEL-99/021*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-authors: R. Liotta and G. Simon.

“Midtown Beach Nourishment Project of Palm Beach, Florida: Monitoring Report, October, 1995, to September 1999,” *UFL/COEL-99/023*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“High Frequency Shoreline Changes for the Panhandle Area of Florida,” *UFL/COEL-99/025*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

1998

“Evaluation of Report: Survey-based Sediment Budget Analysis for Sebastian Inlet, Volumes I, II, and III, by William R. Dally and Kathy FitzPatrick,” Evaluation conducted by: R.G. Dean, January 14, 1998, *UFL/COEL-98/002*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Projected Flood Hazard Lines for Brevard County, Florida,” *UFL/COEL-98/003*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: S. Malakar.

“Projected Flood Hazard Lines for Escambia County, Florida,” *UFL/COEL-98/004*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: S. Malakar.

“Projected Flood Hazard Lines for Lee County, Florida,” *UFL/COEL-98/005*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: S. Malakar.

“Preliminary Investigation of the Characteristics of Coastal Lake Outlets in the Florida Panhandle, Hurricane Opal Beach Recovery Study: Task C,” *UFL/COEL-98/010*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: A.E. Browder.

“Midtown Beach Nourishment Project in Palm Beach, Florida: Monitoring Report, October 1995 to April 1998,” *UFL/COEL-98/012*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Characteristics of the Shoreline Change Along the Sandy Beaches of the State of Florida: An Atlas,” *UFL/COEL-98/015*, Department of Coastal and Oceanographic Engineering, University of Florida, Gainesville, FL. Co-authors: J. Cheng and S.B. Malakar.

“Beach Nourishment: A Limited Review and Some Recent Results,” Keynote Address, *Proceedings, 26th International Conference on Coastal Engineering*, Copenhagen, Denmark, Summer, 1998. 26(1): 47-71.

“Shoreline Change Characteristics for Florida: Part 1 -East Coast of Florida,” Submitted for Publication Consideration to the *Journal of Coastal Research*. Co-author: J. Cheng.

“Shoreline Change Characteristics for Florida: Part 2 -West Coast of Florida,” Submitted for Publication Consideration to the *Journal of Coastal Research*. Co-author: J. Cheng.

“Statistical Distribution of the Standard Deviation of Shoreline Deviations for Florida’s Coastline,” Submitted for Publication Consideration to the *Journal of Coastal Research*. Co-author: J. Cheng.

“Two Problems Related to Orville Magoon’s Coastal Engineering Interests: Sand Rights and Breakwaters,” *Shore and Beach*, 67(1): 14-17.

“Methodology for Estimating Sand Resource Equities in the Vicinity of Coastal Modifications,” In *Proceedings of Conference on Emerging Trends on Beach Erosion and Sand Rights Law*, Florida Shore and Beach Preservation Association, June 3-5, Captiva Island, FL, pp. 327-340. Co-author: T. P. Campbell.

“Projected Flood Hazard Zones in Florida,” Special Issue 28, *Journal of Coastal Research*, 85-94. Co-author: S. B. Malakar.

“The 1996 Beach Nourishment at Two Sites on St. Augustine Beach: Monitoring Results and Interpretation,” In *Proceedings of the 11th Annual National Conference on Beach Preservation Technology*, Florida Shore and Beach Preservation Association, Feb. 4-6. St. Petersburg, FL, pp. 43-60. Co-author: K. A. Donohue.

“Equilibrium Beach Profiles: Concepts and Evaluation,” Submitted for Publication Consideration to the *Journal of Geophysical Research*. Co-author: L. L. Charles.

1997

“Goldsmith Inlet and Adjacent Areas, North Shore of Long Island, New York: Erosion Problems and Suggested Modifications,” *Shore and Beach*, Vol. 6, No. 3, pp. 13-16. Co-authors: S.P. Leatherman, T. Kana and F.J. Anders.

“Numerical Models and Intercomparisons of Beach Profile Evolution,” *Coastal Engineering*, Vol. 30, Nos. 3-4, p. 169-201. Co-author: J. Zheng.

“Midtown Beach Nourishment Project in Palm Beach, Florida: October 1995 to August 1996,” *Report No. UFL-COEL-97/001*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Models for Barrier Island Restoration,” *Journal of Coastal Research*, Vol. 13, No. 3, p. 694-703.

“Full Scale Monitoring Study of a Submerged Breakwater, Palm Beach, Florida, USA,” *Coastal Engineering*, Vol. 29, p. 291-315. Co-authors: R. Chen, and A.E. Browder.

“Methodology for Delineation of Coastal Hazard Zone and Development Setback for Open Duned Coasts,” *Handbook of Coastal Engineering*, J.B. Herbich, Ed., Gulf Publishing Company, Houston, TX (in press). Co-author: T.R. Healy.

“Discussion of ‘Soundside Erosion of a Nourished Beach and Implications for Winter Cold Front Forcing: West Ship Island, Mississippi’ by Phillip L. Chaney and Gregory W. Stone, Vol. 64, Oct. 1996, p. 27-33,” *Shore and Beach*, Vol. 64, No. 4, p. 21-22. Co-author: J.R. Houston.

“Pilot Program to Quantify Shoreline Changes in Lee County; Annual Report,” *Report No. UFL/COEL-97/002*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: A.J. Kreuzkamp.

“Sea Level Rise and Coastal Hazards: An Assessment of Impacts and Coastal Engineering Research Needs,” Chapter 6 in *The Engineering Response to Global Environmental Change: Planning a Research and Development Agenda*, R.G. Watts, Ed., Lewis Publisher. Co-authors: A.J. Mehta, H. Kunz, V. Law, S.-C. Lee, and Z. Tarapore.

“Shoreline and Dune Recession Variability and Cross-shore Modeling,” *Proceedings 10th Annual National Conference on Beach Preservation Technology*, p. 151-166. Co-author: J. Zheng.

“St. Augustine Beach Nourishment Project: Anastasia State Park St. Augustine Beach; 1996 Phase 1,” *Report No. UFL/COEL-97/008*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL, 51p. Co-author: K.A. Donohue.

“Midtown Beach Nourishment Project in Palm Beach, Florida: Monitoring Report, October 1995 to April 1997,” *Report No. UFL/COEL-97/010*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Midtown Beach Nourishment Project in Palm Beach, Florida: Monitoring Report, October 1995 to April 1997,” *Report No. UFL/COEL-97/013*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL, Revised July 15, 1997.

“Perdido Key Beach Nourishment Project: Gulf Islands National Seashore 1997 Performance Monitoring Report,” *Report No. UFL/COEL-97/014*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL, 57p. Co-author: A.E. Browder.

“Cross-shore Hydrodynamics and Profile Response Modeling,” *Coastal Engineering*, Vol. 27, No. 3-4, pp. 195-221. Co-author: R. Srinivas.

1996

“Beach Nourishment Performance: Planform Considerations,” *Shore and Beach*, Vol. 64, No. 3, p. 36-39.

“Comparisons of Erosion Models for Storms at Ocean City, MD,” *Proceedings of 25th International Conference on Coastal Engineering*, ASCE, Chapter 241, p. 3115-3128. Coauthor: J. Zheng.

“Performance of a Submerged Breakwater for Shore Protection,” *Proceedings of 25th International Conference on Coastal Engineering*, ASCE, Chapter 179, p. 2312-2323. Co-authors: A.E. Browder and R. Chen.

“Three-Dimensional Hydrodynamics on a Barred Beach,” *Proceedings of 25th International Conference on Coastal Engineering*, ASCE, Chapter 284, p. 3680-3693. Co-author: T.-Y. Oh.

“Interaction of Littoral Barriers and Adjacent Beaches: Effects on Profile Shape and Shoreline Change,” *Journal of Coastal Research*, Special Issue: Understanding Physical Processes at Tidal Inlets, Special Issue No. 23, 1996.

“Performance of the Midtown Palm Beach P.E.P. Reef Installation; Final Report: July 1992 to June 1995,” *UFL/COEL-96/006*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: R. Chen.

“Midtown Beach Nourishment Program: Sedimentation Monitoring, October 1995 to February 1996,” *UFL/COEL-96/005*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Analysis of Hurricane Cycles in Florida,” *UFL/COEL-96/003*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: L. Lin.

1995

“Cross-shore Sediment Transport Processes,” in *Advances in Coastal and Ocean Engineering*, Edited by Philip, L.-F. Liu, p. 159-220.

“Erosion Due to High Frequency Storm Events (18 Selected Coastal Counties of Florida: User’s Manual),” *UFL/COEL-95/028*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: S. B. Malakar.

“Response of the Perdido Key Beach Nourishment Project to Hurricane Erin,” *UFL/COEL-95/026*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: L. Lin.

“Shoreline Response and Sediment Transport in the Vicinity of Lake Worth Entrance on Palm Beach Island: December 1993 to June 1995,” *UFL/COEL-95/024*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: R. Chen.

“Protective Works on the Nile Delta Coast,” *Journal of Coastal Research*, Vol. 11, No. 2, pp. 516-528, 1995. Co-authors: A. M. Fanos and A. A. Khafagy.

“Nearshore Surveying: Accuracy and Techniques for Improvement,” *Journal of Surveying Engineering*, Vol. 121, No. 2, pp. 87-103, 1995. Co-author: E. N. Otay.

“Long Waves Due to Interactions Beneath Wave Groups,” *Journal of Waterway, Port, Coastal and Ocean Engineering*, Vol. 121, No. 6, November/December 1995 pp. 317-325. Co-author: J.M. Lo.

“Assessment and Prediction of Beach-Nourishment Evolution,” *Journal of Waterway, Port, Coastal and Ocean Engineering*, Vol. 121, No.3, May/June 1995 pp. 182-189. Co-author: P. A. Work.

“Beneficial Uses of Dredged Materials in the Lower St. Johns River,” *UFL/COEL-95/022*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: L. Lin.

“Performance of the Midtown Palm Beach P.E.P. Reef Installation Twenty-Three Months Results; August 1993 to June 1995,” *UFL/COEL-95/016*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: R. Chen.

“Perdido Key Beach Nourishment Project a Synthesis of Findings and Recommendations for Future Nourishments,” *UFL/COEL-95/011*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: E. Otay and P. A. Work.

“Performance of the P.E.P. Reef Installation Twenty Months Results, August 1993 to March 1995,” *UFL/COEL-95/009*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: R. Chen.

“Historical Shoreline Changes in the Vicinity of the P.E.P. Reef Installation and Reef Effects, Palm Beach, Florida,” *UFL/COEL-95/008*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL.

“Supplement to ‘Comparisons of Erosion Models for January 4, 1992, Storm at Ocean City, Maryland,’ Evaluation Study and Comparison of Erosion Models and Effects of Seawalls for Coastal Construction Control Line: Task 1D: Compare Models with Results from Hurricane Eloise and Other Data,” *UFL/COEL-95/006*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: J. Zheng.

“Performance of the Midtown Palm Beach P.E.P. Reef Installation Seventeen Months Results, August 1993 to December 1994,” *UFL/COEL-95/004*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: R. Chen.

“Comparisons of Erosion Models for January 4, 1992, Storm at Ocean City, Maryland,” *UFL/COEL-95/002*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-author: J. Zheng.

“Evaluation Study and Comparison of Erosion Models and Effects of Seawalls for Coastal Construction Control Line: Task 3: Generic Modeling of Seawall Overtopping and Associated Scour: Summary Report,” *UFL/COEL-95/001*, Coastal and Oceanographic Engineering Department, University of Florida, Gainesville, FL. Co-authors: L. Lin, L. Charles, J. Zheng and C. Demas.

“Sea Level Rise and Coastal Hazards: An Assessment of Impacts and Coastal Engineering Research Needs. Sea Level and Coastal Areas Panel Report for Engineering Response to Global Climate Change: A Workshop for Planning a Research and Development Agenda,” *UFL/COEL-MP95/01*, Coastal and Oceanographic Engineering Department, University of Florida, Agenda organized by Ashish J. Mehta.

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