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Photo Credit: Hany Elwany

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Additional Keywords: Artificial surfing reef, wave pre-conditioning, wave breaking, design process, community expectation.

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Additional Keywords: Storm surge, sea level rise, levee erosion, tide data, San Francisco Bay, Sacramento-San
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Additional Keywords: Risk, exposure, vulnerability, land use planning, hazard management

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SHORE PROTECTION ASSESSMENT: DAMAGES PREVENTED BY THE MARTIN COUNTY, FL, PROJECT IN 2004

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Additional Keywords: Hurricanes, restoration project; beach nourishment; Martin County, FL; armoring; emergency dunes; Beach-fx.

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Additional Keywords: Beach nourishment; economic analysis; storm damage reduction; risk analysis; U.S. Army Corps of Engineers; planning, simulation; Monte Carlo.

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Additional Keywords: Dynamic preservation; nourishment; Bergen aan Zee; Egmond aan Zee; frame of reference; scale resolving coastal management.

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Additional Keywords: Beach fill; building damage; erosion.

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Additional Keywords: Analytical solutions; beach nourishment; coastal engineering; numerical modeling; storms; water waves.

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Additional Keywords: Beach nourishment; coastal restoration; sand shoals; benthic organisms; wave modeling; dredging effects
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THE MOUTH OF WAIMEA RIVER, KAUAI, HAWAII, LOOKING WESTERLY FROM TOP OF BLUFF (AT SITE OF RUSSIAN FORT). DARK SAND IS DETRITUS FROM THE RIVER. LOWER LEFT: ABRUPT TRANSITION FROM DARK SAND TO LIGHT COLOR SAND, A LITTLE WEST OF O’OMANO POINT, KEKAHA, KAUAI, HAWAII; FROM HELICOPTER, LOOKING NORTHWESTERLY. ALL PHOTOS BY ROBERT L. WEIGEL.

CENTRAL: THE MOUTH OF WAIMEA RIVER, KAUAI, HAWAII, LOOKING WESTERLY FROM TOP OF BLUFF (AT SITE OF RUSSIAN FORT). DARK SAND IS DETRITUS FROM THE RIVER. LOWER LEFT: ABRUPT TRANSITION FROM DARK SAND TO LIGHT COLOR SAND, A LITTLE WEST OF O’OMANO POINT, KEKAHA, KAUAI, HAWAII; FROM HELICOPTER, LOOKING NORTHWESTERLY. ALL PHOTOS BY ROBERT L. WEIGEL.
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Reprinted from Shore & Beach Vol. 42, No. 1, April 1974

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Photo, NOAA – National Oceanic & Atmospheric Administration. The three insert photos are credited to Florida Department of Environmental Protection

IMPACT OF THE 2004 NORTH ATLANTIC HURRICANE SEASON ON THE COASTAL OF FLORIDA

Ralph R. Clark
Additional Keywords: Beach and dune erosion, hurricane impact, beach restoration, storm response, post-storm recovery, and beach management

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Additional Keywords: Erosion, overwash, dune, barrier island, breach

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Additional Keywords: Hurricanes, climate prediction, seasonal hurricane forecasting

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James L. Franklin
Additional Keywords: Hurricane forecast accuracy

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Photograph courtesy of U.S. Army Engineer District, Philadelphia

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Paul D. Komar

Additional Keywords: Beach nourishment, FEMA, shoreline protection

ON A FEDERAL POLICY FOR SHORE PROTECTION

ASBPA Position Paper

Additional Keywords: Beach nourishment, Corps of Engineers, Federal Government

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A. Todd Davidson, Michael Buckley, and Richard W. Krimm

Additional Keywords: Induced development, multi-hazards, hurricane evacuation, disaster assistance flood insurance

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Richard J. Seymour

Additional Keywords: Coastal hazards mitigation policy, Dade County

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Additional Keywords: Panhandle region, Escambia County, Franklin County, Bay County, Pinellas, Seaside, Manatee, Sarasota, Hurricane Elena, storms, beach and dune erosion, structural damage, response and recovery

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Additional Keywords: Caribbean islands, Saint Maarten/Saint Martin, hurricanes Luis and Marilyn, beach observations, Baie Rouge Beach, natural recovery, political dilemma


James R. Houston and Robert G. Dean

Additional Keywords: Fort Massachusetts, erosion

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Phillip L. Chaney and Gregory W. Stone

Additional Keywords: Erosional nature, Fort Massachusetts, winter cold fronts

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A. W. Sam Smith

Additional Keywords: Beach profiles, how to generate a scale
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Gregory Woodell
Additional Keywords: ASBPA, goals

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Additional Keywords: Planning specialist for the Los Angeles County Department of Beaches and Harbors
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Additional Keywords: From the Congress of the United States
III. MORROUGH P. O’BRIEN AWARD FOR 1994: ORVILLE T. MAGOON
Additional Keywords: Immediate past president of the ASBPA
IV. ASBPA COASTAL PROJECT AWARD FOR 1994: CONEY ISLAND PUBLIC BEACH AND BROADWALK IMPROVEMENT OF 1922-23
Additional Keywords: The Borough of Brooklyn in the City of New York, Coney Island Public Beach and Broadwalk Improvement

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Richard B. Dornhelm
Additional Keywords: Southwestern Long Island, New York, groins and jetties, bulkhead, beach fill, costs and benefits

GENERAL DESIGN PROCESS FOR COASTAL PROJECTS
Edward F. Thompson, Donald L. Ward, George W. Domurat, Douglas M. Pirie, and John G. Oliver
Additional Keywords: U.S. Army Corps of Engineers, flow charts for coastal projects

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Spencer M. Rogers, Jr.
Additional Keywords: Meteorology and shoreline conditions, damage to buildings

COASTAL FORUM I. BEACH NOURISHMENT
James R. Houston
Additional Keywords: Project costs, value of tourism, international competitiveness

COASTAL FORUM II. COASTAL POLICY IMPLICATIONS OF RIGHT TO REBUILD QUESTIONS
Gerard Stoddard
Additional Keywords: Long Island, Fire Island communities, Fair Harbor, Kismet, Fire Island, impact of the 1992-93 storms on barrier island structures, The Lucas Case, municipal ordinances

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Additional Keywords: Coastal Zone ’78

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Additional Keywords: Point Barrow

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Additional Keywords: Municipal Beach, Half Moon Bay, CA; Princeton Beach, CA

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Additional Keywords: Placement of sand volume; volumetric change; inshore survey; NGVD; the Coastal Research Amphibious Buggy (CRAB), sled survey, errors, equipment

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Additional Keywords: CSBPA Conference; Oceanographical Engineering 1964;
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Ben C. Gerwick, Jr.
Additional Keywords: Earthquake Engineering; tsunamis; Bob Wiegel, engineering genius
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Additional Keywords: Photographs from 1945 to 1990
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Additional Keywords: Morrough P. O’Brien; The First Conference on Coastal Engineering;
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Douglas L. Inman and Patricia M. Masters
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Additional Keywords: Summer and Winter profiles; mean sea level; Aptos Seascape seawall; Corcoran Lagoon
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Craig B. Leidersdorf, Ricky C. Hollar, and Gregory Woodell
Additional Keywords: Location map; sediment transport; significant events; artificial nourishment; shoreline positions
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Warren C. Thompson
Additional Keywords: Pierpont Beach; Pt. Mugu Wetlands; Pt. Hueneme; Santa Clara River; Ventura River
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Additional Keywords: Beach fill; Hurricane Hugo 1989; Hurricane Bob 1991; Halloween Storm of 1991; impacts of storms and hurricanes

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Additional Keywords: Beach nourishment; storm-protection; beach fill

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Additional Keywords: Storm effects; equilibrium profile; longshore effects

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Additional Keywords: Wind, wave, and tidal estimates; National Data Buoy Center (NDBC); Halloween Northeaster; energy based wave heights; 3GWAM simulations
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Additional Keywords: ASBPA Annual Meeting in Atlantic City, NY 17-19 October 1990

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Additional Keywords: Upton-Jones Amendment; New Jersey, Florida

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- Raymond A. Smith

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