

1. Record Nr.	UNINA9910463303103321
Titolo	Hurricane Ike field investigations [[electronic resource]] : a report of field operations from October 3-6, 2008 / / edited by Billy Edge, Lesley Ewing
Pubbl/distr/stampa	Reston, VA, : American Society of Civil Engineers, c2013
ISBN	0-7844-7688-8 0-7844-1120-4
Descrizione fisica	1 online resource (134 p.)
Altri autori (Persone)	EdgeBilly L EwingLesley
Disciplina	363.34/92240976
Soggetti	Beach erosion - Gulf Coast (U.S.) Coast changes - Gulf Coast (U.S.) Hurricane Ike, 2008 Landscape assessment - Gulf Coast (U.S.) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Sponsored by Coasts, Oceans, Ports, and Rivers Institute of the American Society of Civil Engineers."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Contents""; ""Chapter 1: Introduction""; ""Observations""; ""Surveys by Others""; ""Other Reports""; ""The Team""; ""Chapter 2: Setting""; ""Galveston Area""; ""Geology""; ""General Elevation Characteristics""; ""Galveston Storm of 1900""; ""Galveston Seawall, Grade Raising, and Groins""; ""1995 Beach Nourishment""; ""Coastal Processes""; ""Chapter 3: Hurricane Ike""; ""Water Levels""; ""Offshore Wave and Surge Measurements""; ""Storm Surges""; ""Waves""; ""Summary""; ""Meteorological Parameters""; ""Comparison With Earlier Storms""; ""1900 Hurricane""; ""Hurricane Audrey, 1957"" ""Hurricane Alicia, 1983""""Hurricane Rita, 2005""; ""Chapter 4: Geologic Conditions""; ""Morphologic Classification""; ""Aerial Photography Analysis of Impacts""; ""Geomorphic Change Observations""; ""Sabine River to Rollover Passa€?Deltaic Headland""; ""Bolivar Peninsulaa€?Barrier Spit""; ""Galveston Islanda€?A Barrier Island""; ""San Luis Pass to Freeport Harbor Entrance""; ""Erosion Rates""; ""Shoreline Position

Change"; "Geologic Framework of Storm Beach Erosion"; "Beach Recovery"; "Ridge and Runnel Observations"; "Overwash Sand Deposit Extent"

"Winds Related to Geomorphic Changes""Chapter 5: Shoreline Structure Issues"; "Piers"; "89th Street Fishing Pier"; "Flagship Hotel Pier"; "Wooden Pile Pier"; "Seawalls"; "Effectiveness of Galveston Seawall"; "Stability of the Galveston Seawall"; "Sand-Filled Geotextile Tubes"; "Groins"; "Inlet Jetties"; "Chapter 6: Buildings"; "Wind"; "Stillwater Flooding"; "Wave Damage"; "Erosion Damage"; "General Building Summary"; "Composite Foundation Damage"; "Wave Elevation Estimates From Building Observations"; "Chapter 7: Lifelines and Infrastructure"

"Power""Ferry Terminals"; "Roads"; "Bridges and Wharf Bulkheads"; "Water Storage Tanks and Public Buildings"; "Water Lines, Sewer Lines, and Utilities"; "Chapter 8: Marina Performance"; "Bolivar Yacht Basin"; "Galveston Yacht Basin"; "Seabrook Shipyard"; "Houston Yacht Club"; "San Leon Fishing Harbor"; "Damage From Previous Storms"; "Summary"; "Chapter 9: Policy Issues"; "Public Education of Coastal Hazards"; "Chapter 10: Lessons Learned"; "Lessons learned from field observations"; "Lessons Learned from Prior Events"

"Need for Comprehensive Evaluation of Regional Vulnerability""Adequacy of Current Regulations"; "Appendix: Storm Hydrographs at Area NOAA Stations"; "References"; "Index"; "B"; "C"; "D"; "E"; "F"; "G"; "H"; "I"; "J"; "K"; "L"; "M"; "N"; "O"; "P"; "R"; "S"; "T"; "U"; "W"
