



## Hurricane Ike Field Investigations: A Report of Field Operations from October 3-6, 2008

By Hurricane Ike Field Assessment Team

American Society of Civil Engineers. Paperback. Book Condition: new. BRAND NEW, Hurricane Ike Field Investigations: A Report of Field Operations from October 3-6, 2008, Hurricane Ike Field Assessment Team, Hurricane Ike Coastal Impact Assessment: Field Observations from October 3-6, 2008 describes the environmental and infrastructure impacts of Hurricane Ike on the upper Texas coast. Most important, the report identifies factors that appeared to provide protection from storm damage and presents some policy implications. After a general introduction to the area, its geology, historical storm events and rehabilitation, and coastal processes, the book describes Hurricane Ike, including water levels, storm surge measurements, and comparisons with other storms. It portrays the physical impacts of the storm, such as geomorphic changes, erosion rates, shoreline position, and impact of winds on engineered structures. Damage to and survival of shoreline structures--piers, seawalls, geotextile tubes, groins, and inlet jetties--are also discussed. Subsequent chapters address structural damage to buildings, lifelines and infrastructure, and marinas from wind, flooding, waves, and erosion. Finally, the book raises policy issues and summarises lessons learned. Civil engineers engaged in projects related to coasts, oceans, ports, and rivers, especially in hurricane-prone areas; facilities managers in coastal areas; government officials from agencies that participate...

### Reviews

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