A comprehensive cartographic approach to evacuation map creation for Hurricane Ike in Galveston County, Texas.


A design and an application of a regional coupled atmosphere-ocean model for tropical cyclone prediction.

A global wave parameter database for atmospheric sciences. Part 1: Wave-current-subduction interaction parameters for the open ocean based on HWIND.

A Grill Factor Model for Storm Winds.

A modeling study of coastal inundation induced by storm surge, sea-level rise, and subsidence in the Gulf of Mexico.

A modeling study of the physical processes affecting the development of seasonal hypoxia over the inner Louisiana-Texas shelf: Circulation and tidal effects.


A new model for hurricane wind retrieval algorithm for SAR images.

A new method for estimating tropical cyclone wind speed probabilities.

A novel Multicategory Intensity Metrics for Evaluation of Tropical Cyclone Intensity Fronts.

A numerical study of the effect of hurricane wind asymmetry on storm surge and inundation.

A probabilistic-based framework for impact and adaptation assessment of climate change on hurricane storage rates and costs.

A real-time hurricane surface wind forecasting model: Formulation and verification.

A reanalysis of Hurricane Andrew's intensity.

A reanalysis of the 1911-20 Atlantic Hurricane Database.

A reanalysis of the surface winds for Hurricane Donna of 1960.

A reanalysis of the 1921-30 Atlantic Hurricane Database.

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<td>WRAP: The imaging wind and wave altimeter profiler for remote sensing of the ocean and the atmospheric boundary layer within tropical cyclones</td>
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