



HWind is a distributed, hurricane wind analysis system that ingests real-time tropical cyclone observations measured by land-, sea-, space-, and air-borne platforms into an object relational database, adjusts them to a common framework, and then graphically displays the data relative to the storm with interactive tools so scientists can quality control, objectively analyze, and visualize the information. HWind Real-Time Analysis is created by compiling all available observations relative to the storm center. These analyses are designed to improve understanding of the extent and strength of the tropical cyclone winds and to objectively assess storm intensity. The same methodology is applied in the development of the HWind Enhanced Archive.

HWind is a result of several peer-reviewed publications that developed procedures for standardizing and analyzing hurricane wind measurements. The foundational papers upon which HWind is based include case studies on hurricanes Andrew (1992), Hugo (1989), and Alicia (1983), which focused on refining the storm relative analysis system and standardization of observations. Papers in the late 1990s documented the real-time system and product development. Our most recent work has been to develop new techniques to take advantage of remote sensing data and to improve the use of wind fields for storm surge and wave modeling. We continue to be active in research and to incorporate the latest measurement systems to deliver a high quality wind hazard data in real-time and immediately following a storm. To learn more about these methods and those who have used HWind data, please refer to these papers below.

## Citations

The following is a list of peer-reviewed publications citing HWind products.

Year	Title	Journal	Storms
2008	<a href="#">A Basin- to Channel-Scale Unstructured Grid Hurricane Storm Surge Model Applied to Southern Louisiana</a>	MONTHLY WEATHER REVIEW	Betsy (1965); Andrew (1992)
2015	<a href="#">A Bayesian marine debris detector using existing hydrographic data products</a>	OCEANS 2015 - GENOVA	
2013	<a href="#">A Case Study of Nearshore Drag Coefficient Behavior during Hurricane Ike (2008)</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	Ike (2008)
2012	<a href="#">A Climatology of Hurricane Eye Formation</a>	MONTHLY WEATHER REVIEW	
2015	<a href="#">A comparative study of field measurements of the turbulence characteristics of typhoon and hurricane winds</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	
2016	<a href="#">A comprehensive cartographic approach to evacuation map creation for Hurricane Ike in Galveston County, Texas</a>	CARTOGRAPHY AND GEOGRAPHIC INFORMATION SCIENCE	Ike (2008)
2016	<a href="#">A Deeper Analysis of Center-Finding Techniques for Tropical Cyclones in Mesoscale Models. Part I: Low-Wavenumber Analysis</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2012	<a href="#">A design and an application of a regional coupled atmosphere-ocean model for tropical cyclone prediction</a>	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS	Ike (2008)
2008	<a href="#">A global wave parameter database for geophysical applications. Part 1: Wave-current-turbulence interaction parameters for the open ocean based on tr...</a>	OCEAN MODELLING	
2011	<a href="#">A Gust Factor Model for Storm Winds</a>	OMAE2011: PROCEEDINGS OF THE ASME 30TH INTERNATIONAL CONFERENCE ON OCEAN, OFFSHORE AND ARCTIC ENGINEERING, VOL 1: OFFSHORE TECHNOLOGY; POLAR AND ARCTIC SCIENCES AND TECHNOLOGY	
2013	<a href="#">A Highly Configurable Vortex Initialization Method for Tropical Cyclones</a>	MONTHLY WEATHER REVIEW	
2010	<a href="#">A High-Resolution Coupled Riverine Flow, Tide, Wind, Wind Wave, and Storm Surge Model for Southern Louisiana and Mississippi. Part I: Model Developm...</a>	MONTHLY WEATHER REVIEW	Katrina (2005); Rita (2005)
2010	<a href="#">A High-Resolution Coupled Riverine Flow, Tide, Wind, Wind Wave, and Storm Surge Model for Southern Louisiana and Mississippi. Part II: Synoptic Desc...</a>	MONTHLY WEATHER REVIEW	Katrina (2005); Rita (2005)
2008	<a href="#">A High-Resolution Simulation of Typhoon Ranim (2004) with MM5. Part I: Model Verification, Inner-Core Shear, and Asymmetric Convection</a>	MONTHLY WEATHER REVIEW	Typhoon Ranim (2004)
2009	<a href="#">A Hurricane Boundary Layer and Wind Field Model for Use in Engineering Applications</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2010	<a href="#">A hydrodynamics-based surge scale for hurricanes</a>	OCEAN ENGINEERING	
2015	<a href="#">A Model for the Complete Radial Structure of the Tropical Cyclone Wind Field. Part I: Comparison with Observed Structure*</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2016	<a href="#">A Model for the Complete Radial Structure of the Tropical Cyclone Wind Field. Part II: Wind Field Variability</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2014	<a href="#">A modeling study of coastal inundation induced by storm surge, sea-level rise, and subsidence in the Gulf of Mexico</a>	NATURAL HAZARDS	Rita (2005); Katrina (2005); Ivan (2004); Dolly (2008)
2009	<a href="#">A modeling study of the physical processes affecting the development of seasonal hypoxia over the inner Louisiana-Texas shelf. Circulation and strat...</a>	CONTINENTAL SHELF RESEARCH	
2008	<a href="#">A multiple scale modeling system for coastal hurricane wind damage mitigation</a>	NATURAL HAZARDS	Katrina (2005)
1999	<a href="#">A Multiscale Numerical Study of Hurricane Andrew (1992). Part I: Explicit Simulation and Verification - Comments</a>	MONTHLY WEATHER REVIEW	Andrew (1992)
1999	<a href="#">A Multiscale Numerical Study of Hurricane Andrew (1992). Part II: Kinematics and Inner-Core Structures</a>	MONTHLY WEATHER REVIEW	Andrew (1992)
2004	<a href="#">A Multiscale Numerical Study of Hurricane Andrew (1992). Part VI: Small-Scale Inner-Core Structures and Wind Streaks</a>	MONTHLY WEATHER REVIEW	Andrew (1992)
2015	<a href="#">A new algorithm for sea-surface wind-speed retrieval based on the L-band radiometer onboard Aquarius</a>	CHINESE JOURNAL OF OCEANOLOGY AND LIMNOLOGY	
2000	<a href="#">A new era in hurricane reconnaissance: Real time measurement of surface wind structure and intensity via microwave remote sensing</a>	24TH CONFERENCE ON HURRICANES AND TROPICAL METEOROLOGY/10TH CONFERENCE ON INTERACTION OF THE SEA AND ATMOSPHERE	
2006	<a href="#">A new hurricane wind retrieval algorithm for SAR images</a>	GEOPHYSICAL RESEARCH LETTERS	Isabel (2003)
2009	<a href="#">A New Method for Estimating Tropical Cyclone Wind Speed Probabilities</a>	WEATHER AND FORECASTING	
2014	<a href="#">A Non-MLE Approach for Satellite Scatterometer Wind Vector Retrievals in Tropical Cyclones</a>	REMOTE SENSING	
2014	<a href="#">A Novel Multiscale Intensity Metric for Evaluation of Tropical Cyclone Intensity Forecasts</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2011	<a href="#">A numerical study of the effect of hurricane wind asymmetry on storm surge and inundation</a>	OCEAN MODELLING	Floyd (1999)
2007	<a href="#">A physics-based parameterization of air-sea momentum flux at high wind speeds and its impact on hurricane intensity predictions</a>	MONTHLY WEATHER REVIEW	
2006	<a href="#">A Postlandfall Hurricane Classification System for the United States</a>	JOURNAL OF COASTAL RESEARCH	
2007	<a href="#">A Pressure-Sphere Anemometer for Measuring Turbulence and Fluxes in Hurricanes</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	
2011	<a href="#">A probabilistic-based framework for impact and adaptation assessment of climate change on hurricane damage risks and costs</a>	STRUCTURAL SAFETY	
2006	<a href="#">A Real-Time Hurricane Surface Wind Forecasting Model: Formulation and Verification</a>	MONTHLY WEATHER REVIEW	Floyd (1999); Gordon (2000); Lily (2002); Isabel (2003)
2008	<a href="#">A real-time, event-triggered storm surge forecasting system for the state of North Carolina</a>	OCEAN MODELLING	
2004	<a href="#">A Reanalysis of Hurricane Andrew's Intensity</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	Andrew (1992)
2016	<a href="#">A Reanalysis of Hurricane Camille</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	Camille (1969)
2008	<a href="#">A Reanalysis of the 1911-20 Atlantic Hurricane Database</a>	JOURNAL OF CLIMATE	
2012	<a href="#">A Reanalysis of the 1921-30 Atlantic Hurricane Database</a>	JOURNAL OF CLIMATE	
2003	<a href="#">A Reanalysis of the Surface Winds for Hurricane Donna of 1960</a>	MONTHLY WEATHER REVIEW	Donna (1960)
2010	<a href="#">A Retrospective Evaluation of the Storm Surge Produced by Hurricane Gustav (2008): Forecast and Hindcast Results</a>	WEATHER AND FORECASTING	Gustav (2008)
2010	<a href="#">A review of the climatological characteristics of landfalling Gulf hurricanes for wind, wave, and surge hazard estimation</a>	OCEAN ENGINEERING	
2016	<a href="#">A revised L-band radio-brightness sensitivity to extreme winds under tropical cyclones: The 5 year SMOS-Storm database</a>	REMOTE SENSING OF ENVIRONMENT	
2012	<a href="#">A Scale-Selective Data Assimilation Approach to Improving Tropical Cyclone Track and Intensity Forecasts in a Limited-Area Model: A Case Study of Hu...</a>	WEATHER AND FORECASTING	Felix (2007)
2015	<a href="#">A Scatterometer Geophysical Model Function for Climate-Quality Winds: QuikSCAT Ku-2011</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	
2008	<a href="#">A statistical framework to combine multivariate spatial data and physical models for hurricane surface wind prediction</a>	JOURNAL OF AGRICULTURAL BIOLOGICAL AND ENVIRONMENTAL STATISTICS	Charley (2004)
2012	<a href="#">A Study on the Synoptic-Dynamical Characteristics of Compact Tropical Cyclones in the Western North Pacific</a>	MONTHLY WEATHER REVIEW	Typhoon Yuta (2007); Typhoon Manyi (2007)
2003	<a href="#">A Surface Reference Technique for Airborne Doppler Radar Measurements in Hurricanes</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	
2008	<a href="#">A Technique to Determine the Radius of Maximum Wind of a Tropical Cyclone</a>	WEATHER AND FORECASTING	
2013	<a href="#">A wave parameters and directional spectrum analysis for extreme winds</a>	OCEAN ENGINEERING	Katrina (2005)

Year	Title	Journal	Storms
2014	<a href="#">A Web-Based Task-Tracking Collaboration System for the Florida Public Hurricane Loss Model</a>	2014 INTERNATIONAL CONFERENCE ON COLLABORATIVE COMPUTING: NETWORKING, APPLICATIONS AND WORKSHARING (COLLABORATECOM)	
2011	<a href="#">A western North Pacific tropical cyclone intensity prediction scheme</a>	ACTA METEOROLOGICA SINICA	
2009	<a href="#">A Wind-Propelled Small Waterplane Area Spar</a>	OCEANS 2009, VOLS 1-3	
2014	<a href="#">ACCESS-TC: Vortex Specification, 4DVAR Initialization, Verification, and Structure Diagnostics</a>	MONTHLY WEATHER REVIEW	
2001	<a href="#">Accuracy of United States Tropical Cyclone Landfall Forecasts in the Atlantic Basin (1976-2000)</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2008	<a href="#">Advances in understanding of tropical cyclone wind structure changes</a>	ASIA-PACIFIC JOURNAL OF ATMOSPHERIC SCIENCES	
2014	<a href="#">Aerosol Indirect Effects on Idealized Tropical Cyclone Dynamics</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2008	<a href="#">Airborne Laser Scanning Quantification of Disturbances from Hurricanes and Lightning Strikes to Mangrove Forests in Everglades National Park, USA</a>	SENSORS	Katrina and Wilma (2005)
2007	<a href="#">Air-Sea Exchange in Hurricanes - Synthesis of Observations from the Coupled Boundary Layer Air-Sea Transfer Experiment</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	Frances (2004); Fabian and Isabel (2003)
2007	<a href="#">Air-sea gas exchange at extreme wind speeds measured by autonomous oceanographic floats</a>	JOURNAL OF MARINE SYSTEMS	Frances (2004)
2008	<a href="#">Air-sea gas exchange at extreme wind speeds measured by autonomous oceanographic floats (vol 66, pg. 92, 2007)</a>	JOURNAL OF MARINE SYSTEMS	
2006	<a href="#">Altimeter dual-frequency observations of surface winds, waves, and rain rate in tropical cyclone Isabel - art. no. C01004</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	
2011	<a href="#">An Automated, Objective, Multiple-Satellite-Platform Tropical Cyclone Surface Wind Analysis</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2012	<a href="#">An Axisymmetric View of Concentric Eyewall Evolution in Hurricane Rita (2005)</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	Rita (2005)
2015	<a href="#">An empirical analysis of hurricane evacuation expenditures</a>	NATURAL HAZARDS	Ike (2008)
2014	<a href="#">An Empirical Analysis on the Relationship between Tropical Cyclone Size and Storm Surge Heights along the U.S. Gulf Coast</a>	EARTH INTERACTIONS	
2014	<a href="#">An Evaluation of the Impact of Horizontal Resolution on Tropical Cyclone Predictions Using COAMPS-TC</a>	WEATHER AND FORECASTING	Katrina (2005)
2012	<a href="#">An Examination of Tropical Cyclone Position, Intensity, and Intensity Life Cycle within Atmospheric Reanalysis Datasets</a>	JOURNAL OF CLIMATE	
2015	<a href="#">An Examination of Wind Decay, Sustained Wind Speed Forecasts, and Gust Factors for Recent Tropical Cyclones in the Mid-Atlantic Region of the United States</a>	WEATHER AND FORECASTING	
2002	<a href="#">An experimental study on hurricane mesovortices</a>	JOURNAL OF FLUID MECHANICS	
2014	<a href="#">An improved wind speed algorithm for "Jason-1" altimeter under tropical cyclone conditions</a>	ACTA OCEANOLOGICA SINICA	
2009	<a href="#">An Integrated Surge and Wave Modeling System for Northern Gulf of Mexico: Simulations of Hurricanes Katrina and Ivan</a>	COASTAL ENGINEERING 2008, VOLS 1-5	Katrina (2005); Ivan (2004)
2014	<a href="#">An Objective Satellite-Based Tropical Cyclone Size Climatology</a>	JOURNAL OF CLIMATE	
2008	<a href="#">An Observational Study of Hurricane Boundary Layer Small-Scale Coherent Structures</a>	MONTHLY WEATHER REVIEW	Isabel (2003); Frances (2004)
2005	<a href="#">An Operational System for Predicting Hurricane-Generated Wind Waves in the North Atlantic Ocean</a>	WEATHER AND FORECASTING	
2013	<a href="#">Analyses of Extreme Wave Heights in the Gulf of Mexico for Offshore Engineering Applications</a>	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	
2008	<a href="#">Analysis of the Wind Field Evolution Associated with the Extratropical Transition of Bonnie (1998)</a>	MONTHLY WEATHER REVIEW	Bonnie (1998)
2002	<a href="#">Application of Surface-Adjusted GOES Low-Level Cloud-Drift Winds in the Environment of Atlantic Tropical Cyclones. Part I: Methodology and Validation</a>	MONTHLY WEATHER REVIEW	
2002	<a href="#">Application of Surface-Adjusted GOES Low-Level Cloud-Drift Winds in the Environment of Atlantic Tropical Cyclones. Part II: Integration into Surface...</a>	MONTHLY WEATHER REVIEW	Georges (1998); Lili (1996); Claudette (1997)
2009	<a href="#">Applications of Satellite-Derived Ocean Measurements to Tropical Cyclone Intensity Forecasting</a>	OCEANOGRAPHY	
2014	<a href="#">As the Wind Blows? Understanding Hurricane Damages at the Local Level through a Case Study Analysis</a>	WEATHER CLIMATE AND SOCIETY	Ivan (2004); Dennis (2005)
2010	<a href="#">Assessing hurricane-induced tree mortality in U.S. Gulf Coast forest ecosystems</a>	JOURNAL OF GEOPHYSICAL RESEARCH-BIOGEOSCIENCES	Katrina (2005); Rita (2005); Gustav (2008)
2011	<a href="#">Assessing net ecosystem carbon exchange of U.S. terrestrial ecosystems by integrating eddy covariance flux measurements and satellite observations</a>	AGRICULTURAL AND FOREST METEOROLOGY	
2013	<a href="#">Assessing the Sensitivity of Transportation Assets to Extreme Weather Events and Climate Change</a>	TRANSPORTATION RESEARCH RECORD	
2015	<a href="#">Assimilation of High-Resolution Tropical Cyclone Observations with an Ensemble Kalman Filter Using HEDAS: Evaluation of 2008-11 HWRF Forecasts</a>	MONTHLY WEATHER REVIEW	
2013	<a href="#">Assimilation of High-Resolution Tropical Cyclone Observations with an Ensemble Kalman Filter Using NOAA/AOML/HRD's HEDAS: Evaluation of the 2008-11...</a>	MONTHLY WEATHER REVIEW	
2013	<a href="#">Asymmetric and axisymmetric dynamics of tropical cyclones</a>	ATMOSPHERIC CHEMISTRY AND PHYSICS	
2003	<a href="#">Asymmetric Structures in a Simulated Landfalling Hurricane</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2013	<a href="#">Atlantic Hurricane Database Uncertainty and Presentation of a New Database Format</a>	MONTHLY WEATHER REVIEW	
1998	<a href="#">Atlantic Hurricane Season of 1995</a>	MONTHLY WEATHER REVIEW	
2008	<a href="#">Atypical Thermodynamic Profiles in Hurricanes</a>	MONTHLY WEATHER REVIEW	Bonnie (1998); Mitch (1998); Humberto (2001)
2005	<a href="#">Automated quality control of tropical cyclone winds through data mining</a>	PROCEEDINGS OF THE 2005 IEEE INTERNATIONAL CONFERENCE ON INFORMATION REUSE AND INTEGRATION	
2001	<a href="#">Bathymetric Effects on a Tropical Cyclone Wave Field at Landfall</a>	IGARSS 2001: SCANNING THE PRESENT AND RESOLVING THE FUTURE, VOLS 1-7, PROCEEDINGS	Bonnie (1998)
2006	<a href="#">Boundary-layer wind structure in a landfalling tropical cyclone</a>	ADVANCES IN ATMOSPHERIC SCIENCES	
2011	<a href="#">Bubble cloud depth under a hurricane</a>	GEOPHYSICAL RESEARCH LETTERS	
2014	<a href="#">Building and Validating Geographically Refined Hurricane Wind Risk Models for Residential Structures</a>	NATURAL HAZARDS REVIEW	
2011	<a href="#">Building Destruction from Waves and Surge on the Bolivar Peninsula during Hurricane Ike</a>	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	Ike (2008)
2013	<a href="#">Building envelope failure assessment framework for residential communities subjected to hurricanes</a>	ENGINEERING STRUCTURES	
2016	<a href="#">Canopy gaps do not help establish pioneer species in a South Florida dry forest</a>	JOURNAL OF TROPICAL ECOLOGY	
2011	<a href="#">Carbon system changes in the East China Sea induced by Typhoons Tina and Winnie in 1997</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Typhoon Tina (1997); Typhoon Winnie (1997)
2010	<a href="#">Characteristics of Landfalling Tropical Cyclones in North Carolina</a>	MARINE GEODESY	
2016	<a href="#">Characteristics of wind profiles in the landfalling typhoon boundary layer</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	Hagupit (2014); Nesat (2011); Rammasun (2014)
2013	<a href="#">Characterization of Power System Outages Caused by Hurricanes through Localized Intensity Indices</a>	2013 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PES)	
2014	<a href="#">Characterizing hurricane storm surge behavior in Galveston Bay using the SWAN plus ADCIRC model</a>	COASTAL ENGINEERING	
2013	<a href="#">Children's Postdisaster Trajectories of PTS Symptoms: Predicting Chronic Distress</a>	CHILD & YOUTH CARE FORUM	
2014	<a href="#">Classification of Hurricane Hazards: The Importance of Rainfall</a>	WEATHER AND FORECASTING	
2013	<a href="#">Cluster analysis of post-landfall tracks of landfalling tropical cyclones over China</a>	CLIMATE DYNAMICS	
2012	<a href="#">Coastal Flooding in Florida's Big Bend Region with Application to Sea Level Rise Based on Synthetic Storms Analysis</a>	TERRESTRIAL ATMOSPHERIC AND OCEANIC SCIENCES	
2013	<a href="#">Coasts: the high-risk areas of the world</a>	NATURAL HAZARDS	
2014	<a href="#">Collapse Limit State Fragilities of Wood-Framed Residences from Storm Surge and Waves during Hurricane Ike</a>	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	Ike (2008)
2001	<a href="#">Comment on Changes in the rates of North Atlantic major hurricane activity during the 20th century</a>	GEOPHYSICAL RESEARCH LETTERS	
2014	<a href="#">Comments on "How Does the Boundary Layer Contribute to Eyewall Replacement Cycles in Axisymmetric Tropical Cyclones?"</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2011	<a href="#">Comments on Estimating Maximum Surface Winds from Hurricane Reconnaissance Measurements</a>	WEATHER AND FORECASTING	
2011	<a href="#">Comments on Estimating Maximum Surface Winds from Hurricane Reconnaissance Measurements Reply</a>	WEATHER AND FORECASTING	
2016	<a href="#">Comparing the spatial extent of Atlantic basin tropical cyclone wind and rain fields prior to land interaction</a>	PHYSICAL GEOGRAPHY	
2007	<a href="#">Comparison of observed gale radius statistics</a>	METEOROLOGY AND ATMOSPHERIC PHYSICS	
2012	<a href="#">Comparison of Sampling Methods for Post-Hurricane Damage Survey</a>	JOURNAL OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT	Katrina (2005)
2015	<a href="#">Comparison of storm damage functions and their performance</a>	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES	
2008	<a href="#">Comparison of the CEST and SLOSH Models for Storm Surge Flooding</a>	JOURNAL OF COASTAL RESEARCH	Andrew (1992); Hugo (1989); and Camille (1969)
2013	<a href="#">Comparison of three methods for estimating the sea level rise effect on storm surge flooding</a>	CLIMATIC CHANGE	Andrew (1992)
1999	<a href="#">Comparisons of HRD and SLOSH Surface Wind Fields in Hurricanes: Implications for Storm Surge Modeling</a>	WEATHER AND FORECASTING	Emily (1993); Opal (1995)
2000	<a href="#">Conditional Instability and Shear for Six Hurricanes over the Atlantic Ocean</a>	WEATHER AND FORECASTING	

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2012	<a href="#">Consistency in hurricane surface wind forecasting: an improved parametric model</a>	NATURAL HAZARDS	
2010	<a href="#">Consistent Tropical Cyclone Wind and Wave Forecasts for the U.S. Navy</a>	WEATHER AND FORECASTING	Typhoon Yage (2006)
2010	<a href="#">Constraints on drag and exchange coefficients at extreme wind speeds</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	
2003	<a href="#">Convective Asymmetries Associated with Tropical Cyclone Landfall. Part I: f-Plane Simulations</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2010	<a href="#">Convective asymmetries associated with tropical cyclone landfall: beta-plane simulations</a>	ADVANCES IN ATMOSPHERIC SCIENCES	
2015	<a href="#">Coupled storm surge and wave simulations for the Southern Coast of Korea</a>	OCEAN SCIENCE JOURNAL	Sanba (2012)
2012	<a href="#">Coupling hydrodynamic models with GIS for storm surge simulation: application to the Yangtze Estuary and the Hangzhou Bay, China</a>	FRONTIERS OF EARTH SCIENCE	Typhoon Agnes (1984)
2008	<a href="#">Coupling of Hydrodynamic and Wave Models: Case Study for Hurricane Floyd (1999) Hindcast</a>	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	Floyd (1999)
2012	<a href="#">Cross-Polarized Synthetic Aperture Radar: A New Potential Measurement Technique for Hurricanes</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2004	<a href="#">Current understanding of tropical cyclone structure and intensity changes - a review</a>	METEOROLOGY AND ATMOSPHERIC PHYSICS	
2011	<a href="#">Cyclone Damage Risks Caused by Enhanced Greenhouse Conditions and Economic Viability of Strengthened Residential Construction</a>	NATURAL HAZARDS REVIEW	
2014	<a href="#">Cyclone Wind Field Asymmetries during Extratropical Transition in the Western North Pacific</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2010	<a href="#">Dependence of tropical-cyclone intensification on the boundary-layer representation in a numerical model</a>	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY	
2014	<a href="#">Dependence of US hurricane economic loss on maximum wind speed and storm size</a>	ENVIRONMENTAL RESEARCH LETTERS	
2010	<a href="#">Derivation of Parametric Tropical Cyclone Models for Storm Surge Modeling</a>	CHINA OCEAN ENGINEERING	Typhoon 199417 (1994)
2009	<a href="#">Derivation of physically motivated wind speed scales</a>	ATMOSPHERIC RESEARCH	
2006	<a href="#">Development and Testing of Tropical Cyclone Parametric Wind Models Tailored for Midlatitude Application - Preliminary Results</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2011	<a href="#">Development and validation of a three-dimensional, wave-current coupled model on unstructured meshes</a>	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY	Katrina (2005)
2010	<a href="#">Development of a Coupled Ocean-Atmosphere-Wave-Sediment Transport (COAWST) Modeling System</a>	OCEAN MODELLING	Isabel (2003)
2002	<a href="#">Development of a hurricane boundary-layer wind model</a>	METEOROLOGY AND ATMOSPHERIC PHYSICS	
2006	<a href="#">Development of an active gust generation mechanism on a wind tunnel for wind engineering and industrial aerodynamics applications</a>	WIND AND STRUCTURES	
2012	<a href="#">Development of an Operational Nearshore Wave Forecast System for Puerto Rico and the U.S. Virgin Islands</a>	JOURNAL OF COASTAL RESEARCH	
2009	<a href="#">Development of devices and methods for simulation of hurricane winds in a full-scale testing facility</a>	WIND AND STRUCTURES	
2008	<a href="#">Diagnostic analysis of the asymmetric structure of the simulated landfalling typhoon Haitang</a>	PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL	Typhoon Haitang (2005)
2008	<a href="#">Directional Signals in Windsat Observations of Hurricane Ocean Winds</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2010	<a href="#">Discussion of A hydrodynamics-based surge scale for hurricanes</a>	OCEAN ENGINEERING	
2010	<a href="#">Does Increased Horizontal Resolution Improve Hurricane Wind Forecasts?</a>	WEATHER AND FORECASTING	
2006	<a href="#">Doppler Profiler and Radar Observations of Boundary Layer Variability during the Landfall of Tropical Storm Gabrielle</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	Gabrielle (2001)
2014	<a href="#">Dual-Doppler-Derived Profiles of the Southwesterly Flow Associated with Southwest and Ordinary Typhoons off the Southwestern Coast of Taiwan</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	Mindulle (2004); Kalmaegi (2008); Morakot (2009); Talim (2005); Jangmi (2008); Funawong (2008)
2016	<a href="#">Dynamic simulation and numerical analysis of hurricane storm surge under sea level rise with geomorphologic changes along the northern Gulf of Mexico</a>	EARTH'S FUTURE	
2014	<a href="#">Dynamics of sea level rise and coastal flooding on a changing landscape</a>	GEOPHYSICAL RESEARCH LETTERS	
2006	<a href="#">Early post-hurricane stand development in Fringe mangrove forests of contrasting productivity</a>	PLANT ECOLOGY	Andrew (1992)
2010	<a href="#">EFFECT OF HURRICANES ON GUILDS OF NEARSHORE EPIPHYTAL FORAMINIFERA, NEVIS, WEST INDIES</a>	JOURNAL OF FORAMINIFERAL RESEARCH	Luis and Marilyn (1995)
2011	<a href="#">Effect of tropical cyclones on residual circulation and momentum balance in a subtropical estuary and inlet: Observation and simulation</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Fay (2008); Hanna (2008)
2000	<a href="#">Effects of a Warm Oceanic Feature on Hurricane Opal</a>	MONTHLY WEATHER REVIEW	Opal (1995)
2000	<a href="#">Effects of Hurricane Andrew on stands of slash pine (Pinus elliottii var. densa) in the everglades region of south Florida (USA)</a>	PLANT ECOLOGY	Andrew (1992)
2001	<a href="#">Effects of Multiple Disturbances (Fire and Hurricane) on Epiphyte Community Dynamics in a Subtropical Forest, Florida, USA</a>	BIOTROPICA	Andrew (1992)
2012	<a href="#">Effects of Parameterized Diffusion on Simulated Hurricanes</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2007	<a href="#">Effects of Precipitation on the Upper-Ocean Response to a Hurricane</a>	MONTHLY WEATHER REVIEW	
2012	<a href="#">Effects of Surface Exchange Coefficients and Turbulence Length Scales on the Intensity and Structure of Numerically Simulated Hurricanes</a>	MONTHLY WEATHER REVIEW	
2008	<a href="#">Efficient Model-Based Estimation of Atmospheric Transmittance and Ocean Wind Vectors From WindSat Data</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2000	<a href="#">Elimination of Exposure D along Hurricane Coastline in ASCE 7</a>	JOURNAL OF STRUCTURAL ENGINEERING-ASCE	
2014	<a href="#">Empirical estimates of kinetic energy from some recent US tornadoes</a>	GEOPHYSICAL RESEARCH LETTERS	
2011	<a href="#">Empirical Estimation of the Conditional Probability of Natchez Events Within the United States</a>	RISK ANALYSIS	
2010	<a href="#">Energy Infrastructure Damage Analysis for Hurricane Rita</a>	NATURAL HAZARDS REVIEW	Rita (2005)
2010	<a href="#">Energy Supply System Performance for Hurricane Katrina</a>	JOURNAL OF ENERGY ENGINEERING-ASCE	Katrina (2005)
2015	<a href="#">Enhanced Wind-Driven Downwelling Flow in Warm Oceanic Eddy Features during the Intensification of Tropical Cyclone Isaac (2012): Observations and Theory</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	
2009	<a href="#">Environmental Ingredients for Supercells and Tornadoes within Hurricane Ivan</a>	WEATHER AND FORECASTING	Ivan (2004)
2011	<a href="#">Estimating Contemporary and Future Wind-Damage Losses from Hurricanes Affecting Eglin Air Force Base, Florida</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2007	<a href="#">Estimating Hurricane Wind Structure in the Absence of Aircraft Reconnaissance</a>	WEATHER AND FORECASTING	
2009	<a href="#">Estimating Maximum Surface Winds from Hurricane Reconnaissance Measurements</a>	WEATHER AND FORECASTING	Allen (1980); Gilbert (1988); Hugo (1989); Andrew (1992); and Mitch (1998)
2008	<a href="#">Estimation of Hurricane Winds From SeaWinds at Ultrahigh Resolution</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2013	<a href="#">Estimation of the drag coefficient from the upper ocean response to a hurricane: A variational data assimilation approach</a>	OCEAN MODELLING	
2011	<a href="#">Evaluation and Sensitivity Analysis of an Ocean Model Response to Hurricane Ivan</a>	MONTHLY WEATHER REVIEW	Ivan (2004)
2013	<a href="#">Evaluation of a Wind-Wave System for Ensemble Tropical Cyclone Wave Forecasting. Part I: Winds</a>	WEATHER AND FORECASTING	
2006	<a href="#">Evaluation of hurricane ocean vector winds from WindSat</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2016	<a href="#">Evaluation of hurricane wind speed retrieval from cross-dual-pol SAR</a>	INTERNATIONAL JOURNAL OF REMOTE SENSING	
2013	<a href="#">Evaluation of Multiple Dynamic Initialization Schemes for Tropical Cyclone Prediction</a>	MONTHLY WEATHER REVIEW	
2009	<a href="#">Evaluation of Planetary Boundary Layer Parameterizations in Tropical Cyclones by Comparison of In Situ Observations and High-Resolution Simulations...</a>	MONTHLY WEATHER REVIEW	Isabel (2003)
2014	<a href="#">Evaluation of Storm Structure from the Operational HWRF during 2012 Implementation</a>	MONTHLY WEATHER REVIEW	
2013	<a href="#">Evaluation of Wave Forecasts Consistent with Tropical Cyclone Warning Center Wind Forecasts</a>	WEATHER AND FORECASTING	
2000	<a href="#">Evolution of Hurricane Danny (1997) at Landfall: Doppler-Observed Eyewall Replacement, Vortex Contraction/Intensification, and Low-Level Wind Maxima</a>	MONTHLY WEATHER REVIEW	Danny (1997)
2009	<a href="#">Experiments of Hurricane Initialization with Airborne Doppler Radar Data for the Advanced Research Hurricane WRF (AHW) Model</a>	MONTHLY WEATHER REVIEW	Jeanne (2004); Katrina (2005); Rita (2005)
2015	<a href="#">Explicitly Simulated Electrification and Lightning within a Tropical Cyclone Based on the Environment of Hurricane Isaac (2012)</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	Isaac (2012)
2015	<a href="#">Extreme storm surge hazard estimation in lower Manhattan</a>	NATURAL HAZARDS	Sandy (2012)
2007	<a href="#">Extreme Value Analysis of Tropical Cyclone Trapped-Fetch Waves</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2014	<a href="#">Eye and Eyewall Traits as Determined with the NOAA WP-3D Lower-Fuselage Radar</a>	MONTHLY WEATHER REVIEW	
2002	<a href="#">Factors Controlling Storm Impacts on Coastal Barriers and Beaches - A Preliminary Basis for Near Real-Time Forecasting</a>	JOURNAL OF COASTAL RESEARCH	
2016	<a href="#">Fatalities in the United States Indirectly Associated with Atlantic Tropical Cyclones</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2006	<a href="#">Finescale Spiral Band Features within a Numerical Simulation of Hurricane Opal (1995)</a>	MONTHLY WEATHER REVIEW	
2001	<a href="#">Forest impact estimated with NOAA AVHRR and Landsat TM data related to an empirical hurricane wind-field distribution</a>	REMOTE SENSING OF ENVIRONMENT	Andrew (1992)

Year	Title	Journal	Storms
2001	<a href="#">Forest Succession in Tropical Hardwood Hammocks of the Florida Keys: Effects of Direct Mortality from Hurricane Andrew</a>	BIOTROPICA	Andrew (1992)
2008	<a href="#">Formation Mechanism of a Low-Level Jet during the Passage of Typhoon Ma-on (2004) over the Southern Kanto District</a>	JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN	Typhoon Ma (2004)
1998	<a href="#">Functional Roles of Invasive Non-Indigenous Plants in Hurricane-Affected Subtropical Hardwood Forests</a>	ECOLOGICAL APPLICATIONS	
2014	<a href="#">GCOM-W1 AMSR2 and MetOp-A ASCAT wind speeds for the extratropical cyclones over the North Atlantic</a>	REMOTE SENSING OF ENVIRONMENT	
2011	<a href="#">Google Earth as a tool in 2-D hydrodynamic modeling</a>	COMPUTERS & GEOSCIENCES	
2013	<a href="#">GPS Dropwindsonde and WSR-88D Observations of Tropical Cyclone Vertical Wind Profiles and Their Characteristics</a>	WEATHER AND FORECASTING	
1999	<a href="#">GPS Sonde Insights on Boundary Layer Wind Structure in Hurricanes</a>	WIND ENGINEERING INTO THE 21ST CENTURY, VOLS 1-3	
2013	<a href="#">Gulf of Mexico hurricane wave simulations using SWAN: Bulk formula-based drag coefficient sensitivity for Hurricane Ike</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Ike (2008)
2015	<a href="#">Gust factors for tropical cyclone, monsoon and thunderstorm winds</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	
2009	<a href="#">Hazardous materials releases from offshore oil and gas facilities and emergency response following Hurricanes Katrina and Rita</a>	JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES	Katrina (2005); Rita (2005)
2014	<a href="#">Heightened hurricane surge risk in northwest Florida revealed from climatological-hydrodynamic modeling and paleorecord reconstruction</a>	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	
2010	<a href="#">High sea-floor stress induced by extreme hurricane waves</a>	GEOPHYSICAL RESEARCH LETTERS	Ivan (2004)
2007	<a href="#">Highly resolved observations and simulations of the ocean response to a hurricane</a>	GEOPHYSICAL RESEARCH LETTERS	Frances (2004)
2014	<a href="#">High-Resolution Hurricane Vector Winds from C-Band Dual-Polarization SAR Observations</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	Bill (2009); Bertha (2008)
2008	<a href="#">High-Resolution Radar Data Assimilation for Hurricane Isabel (2003) at Landfall</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2013	<a href="#">Hindcast and validation of Hurricane Ike (2008) waves, forerunner, and storm surge</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Ike (2008)
2012	<a href="#">Homogeneous record of Atlantic hurricane surge threat since 1923</a>	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	
2010	<a href="#">How do uncertainties in hurricane model forecasts affect storm surge predictions in a semi-enclosed bay?</a>	ESTUARINE COASTAL AND SHELF SCIENCE	Isabel (2003)
2013	<a href="#">How Does the Eye Warm? Part I: A Potential Temperature Budget Analysis of an Idealized Tropical Cyclone</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2011	<a href="#">How much tropical cyclone intensification can result from the energy released inside of a convective burst?</a>	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	
1996	<a href="#">Hurricane Andrew's Landfall in South Florida. Part 1: Standardizing Measurements for Documentation of Surface Wind Fields</a>	WEATHER AND FORECASTING	Andrew (1992)
1996	<a href="#">Hurricane Andrew's Landfall in South Florida. Part II: Surface Wind Fields and Potential Real-Time Applications</a>	WEATHER AND FORECASTING	Andrew (1992)
2003	<a href="#">Hurricane Bonnie wind flow characteristics as determined from WEMITE</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	Bonnie (1998)
1999	<a href="#">Hurricane Bonnie wind flow characteristics as determined from WEMITE</a>	WIND ENGINEERING INTO THE 21ST CENTURY, VOLS 1-3	Bonnie (1998)
2002	<a href="#">Hurricane Directional Wave Spectrum Spatial Variation at Landfall</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Bonnie (1998)
2001	<a href="#">Hurricane Directional Wave Spectrum Spatial Variation in the Open Ocean</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Bonnie (1998)
2008	<a href="#">Hurricane driven changes in land cover create biogeophysical climate feedbacks</a>	GEOPHYSICAL RESEARCH LETTERS	Rita (2005)
2013	<a href="#">Hurricane Eyewall Slope as Determined from Airborne Radar Reflectivity Data: Composites and Case Studies</a>	WEATHER AND FORECASTING	
2000	<a href="#">Hurricane Georges's Landfall in the Dominican Republic: Detailed Airborne Doppler Radar Imagery</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	Georges (1998)
2005	<a href="#">Hurricane Gust Factors Revisited</a>	JOURNAL OF STRUCTURAL ENGINEERING-ASCE	
2011	<a href="#">Hurricane Gustav (2008) Waves and Storm Surge: Hindcast, Synoptic Analysis, and Validation in Southern Louisiana</a>	MONTHLY WEATHER REVIEW	Gustav (2008)
2009	<a href="#">Hurricane hazard modeling: The past, present, and future</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	
2006	<a href="#">Hurricane Impacts to Tree Islands in Arthur R. Marshall Loxahatchee National Wildlife Refuge, Florida</a>	SOUTHEASTERN NATURALIST	Frances (2004); Jeanne (2004)
2007	<a href="#">Hurricane Katrina's Carbon Footprint on U. S. Gulf Coast Forests</a>	SCIENCE	Katrina (2005)
2012	<a href="#">Hurricane Sea Surface Inflow Angle and an Observation-Based Parametric Model</a>	MONTHLY WEATHER REVIEW	
2000	<a href="#">Hurricane Wind Field Model for use in Hurricane Simulations</a>	JOURNAL OF STRUCTURAL ENGINEERING-ASCE	
2005	<a href="#">Hurricane Wind Retrievals Using the SeaWinds Scatterometer on QuikSCAT</a>	OCEANS 2005, VOLS 1-3	
2005	<a href="#">Hurricane Wind Vector Estimates from WindSat Polarimetric Radiometer</a>	IGARSS 2005: IEEE International Geoscience and Remote Sensing Symposium, Vols 1-8, Proceedings	
2011	<a href="#">HWRFx: Improving Hurricane Forecasts with High-Resolution Modeling</a>	COMPUTING IN SCIENCE & ENGINEERING	
2009	<a href="#">Hydrodynamic Investigation of Coastal Bridge Collapse during Hurricane Katrina</a>	JOURNAL OF HYDRAULIC ENGINEERING-ASCE	Katrina (2005)
2008	<a href="#">Hydrodynamic Response of Northeastern Gulf of Mexico to Hurricanes</a>	ESTUARIES AND COASTS	Ivan (2004); Katrina (2005)
2012	<a href="#">Hydrodynamics of the 2004 Florida Hurricanes</a>	JOURNAL OF COASTAL RESEARCH	Charley, Frances, Ivan, Jeanne (all 2004)
2015	<a href="#">Idealized Large-Eddy Simulations of a Tropical Cyclone-like Boundary Layer</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2012	<a href="#">Impact of assimilating airborne Doppler radar velocity data using the ARPS 3DVAR on the analysis and prediction of Hurricane Ike (2008)</a>	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	Ike (2008)
2013	<a href="#">Impact of ocean warm layer thickness on the intensity of hurricane Katrina in a regional coupled model</a>	METEOROLOGY AND ATMOSPHERIC PHYSICS	Katrina (2005)
2008	<a href="#">Impact of Satellite Winds on Marine Wind Simulations</a>	WEATHER AND FORECASTING	Gustav (2002); Isabel (2003)
2008	<a href="#">Impact of the Reduced Drag Coefficient on Ocean Wave Modeling under Hurricane Conditions</a>	MONTHLY WEATHER REVIEW	Katrina (2005)
2014	<a href="#">Impact of Typhoons on the Ocean in the Pacific</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2015	<a href="#">Impacts and Recovery from Severe Tropical Cyclone Yasi on the Great Barrier Reef</a>	PLOS ONE	
2012	<a href="#">Impacts of Cloud Flare-Ups on Hurricane Intensity Resulting from Departures from Balance Laws</a>	TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY	Katrina (2005)
2013	<a href="#">Impacts of tropical cyclones on hydrochemistry of a subtropical forest</a>	HYDROLOGY AND EARTH SYSTEM SCIENCES	
2009	<a href="#">Impacts of tropical cyclones on U.S. forest tree mortality and carbon flux from 1851 to 2000</a>	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	
2010	<a href="#">Improved Hurricane Ocean Vector Winds Using SeaWinds Active/Passive Retrievals</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2015	<a href="#">Improved Tropical-Cyclone Flight-Level Wind Estimates Using Routine Infrared Satellite Reconnaissance</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2010	<a href="#">Improving Hurricane Survivability of Heritage Structures</a>	7TH INTERNATIONAL CONFERENCE ON STRUCTURAL ANALYSIS OF HISTORIC CONSTRUCTIONS: STRENGTHENING AND RETROFITTING, PTS 1 AND 2	
2008	<a href="#">Improving Ocean Model Initialization for Coupled Tropical Cyclone Forecast Models Using GODAE Nowcasts</a>	MONTHLY WEATHER REVIEW	Isidore (2002); Lili (2002); Ivan (2004); Katrina (2005)
2012	<a href="#">Improving Scatterometry Retrievals of Wind in Hurricanes Using Non-Simultaneous Passive Microwave Estimates of Precipitation and a Split-Step Advection</a>	PURE AND APPLIED GEOPHYSICS	Rita (2005)
2014	<a href="#">Influence of Assimilating Surface Observations on Numerical Prediction of Landfalls of Hurricane Katrina (2005) with an Ensemble Kalman Filter</a>	MONTHLY WEATHER REVIEW	Katrina (2005)
2009	<a href="#">Influence of landscape restoration and degradation on storm surge and waves in southern Louisiana</a>	NATURAL HAZARDS	
2015	<a href="#">Initial evaluations of a Gulf of Mexico/Caribbean ocean forecast system in the context of the Deepwater Horizon disaster</a>	FRONTIERS OF EARTH SCIENCE	
2010	<a href="#">Initial Maintenance of Tropical Cyclone Size in the Western North Pacific</a>	MONTHLY WEATHER REVIEW	
2015	<a href="#">Integrated Execution Framework for Catastrophe Modeling</a>	2015 IEEE 9TH INTERNATIONAL CONFERENCE ON SEMANTIC COMPUTING (ICSC)	
2015	<a href="#">Integrated research on disaster risk: Is it really integrated?</a>	INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION	
2010	<a href="#">INTEGRATING MULTIMEDIA SEMANTIC CONTENT ANALYSIS OF YOUTUBE VIDEOS WITH HURRICANE WIND ANALYSIS FOR PUBLIC SITUATION AWARENESS AND OUTREACH</a>	INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING	
2008	<a href="#">Integration of Hurricane Wind Analysis and Multimedia Semantic Content Analysis for Public Outreach</a>	PROCEEDINGS OF THE 2009 IEEE INTERNATIONAL CONFERENCE ON INFORMATION REUSE AND INTEGRATION	Ike (2008)
1998	<a href="#">Intense Sub-Kilometer-Scale Boundary Layer Rolls Observed in Hurricane Fran</a>	SCIENCE	Fran (1996)
2010	<a href="#">Interactions between Hurricane Catarina (2004) and warm core rings in the South Atlantic Ocean</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Catarina (2004)
2002	<a href="#">Interactions of large-scale disturbances: Prior fire regimes and hurricane mortality of savanna pines</a>	ECOLOGY	Andrew (1992)
2014	<a href="#">Investigation of hurricane Ivan using the coupled ocean-atmosphere-wave-sediment transport (COAWST) model</a>	OCEAN DYNAMICS	
2005	<a href="#">Investigation of SAR wind field retrieval with respect to hurricane winds</a>	IGARSS 2005: IEEE International Geoscience and Remote Sensing Symposium, Vols 1-8, Proceedings	



Year	Title	Journal	Storms
2005	<a href="#">WVAP: The imaging wind and rain airborne profiler for remote sensing of the ocean and the atmospheric boundary layer within tropical cyclones</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2012	<a href="#">Joint distribution model for prediction of hurricane wind speed and size</a>	STRUCTURAL SAFETY	
2016	<a href="#">Kinematic interpolation of movement data</a>	INTERNATIONAL JOURNAL OF GEOGRAPHICAL INFORMATION SCIENCE	
1998	<a href="#">Landfalling Tropical Cyclones: Forecast Problems and Associated Research Opportunities</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2015	<a href="#">Langmuir Turbulence under Hurricane Gustav (2008)</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Gustav (2008)
2015	<a href="#">Large-scale wind and precipitation extremes in the Mediterranean: a climatological analysis for 1979-2012</a>	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY	
2009	<a href="#">Life Cycles of Hurricane-Like Vorticity Rings</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2009	<a href="#">Life of a Six-Hour Hurricane</a>	MONTHLY WEATHER REVIEW	Claudette (2003)
2013	<a href="#">Limiters for spectral propagation velocities in SWAN</a>	OCEAN MODELLING	
2010	<a href="#">Local relaxation and maximum entropy in two-dimensional turbulence</a>	PHYSICS OF FLUIDS	
2015	<a href="#">Longitudinal Analysis of Children's Internal States Language and Posttraumatic Stress Symptoms Following a Natural Disaster</a>	APPLIED COGNITIVE PSYCHOLOGY	
2008	<a href="#">Loop current response to Hurricanes Isidore and Lili</a>	MONTHLY WEATHER REVIEW	Isidore and Lili (2002)
2005	<a href="#">Low-level kinematic, thermodynamic, and reflectivity fields associated with Hurricane Bonnie (1998) at landfall</a>	MONTHLY WEATHER REVIEW	Bonnie (1998)
2013	<a href="#">Mapping of Near-Surface Winds in Hurricane Rita Using Finescale Radar, Anemometer, and Land-Use Data</a>	MONTHLY WEATHER REVIEW	Rita (2005)
2011	<a href="#">Mapping of the ocean surface wind by ocean acoustic interferometers</a>	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	
2014	<a href="#">Mean Structure of Tropical Cyclones Making Landfall in Mainland China</a>	JOURNAL OF METEOROLOGICAL RESEARCH	
2011	<a href="#">Measurements of hurricane induced high-frequency currents</a>	OCEANS 2011	Ivan (2004)
2009	<a href="#">Measuring Storm Surge with an Airborne Wide-Swath Radar Altimeter</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	Bonnie (1998)
2016	<a href="#">Measuring the Storm: Methods of Quantifying Hurricane Exposure with Pregnancy Outcomes</a>	NATURAL HAZARDS REVIEW	
2010	<a href="#">Mesoscale Air-Sea Interaction during the Passage of a Typhoon over the Yellow and East China Seas</a>	KSCJ JOURNAL OF CIVIL ENGINEERING	Typhoon Winnie (1997)
2010	<a href="#">Mesoscale vortex generation and merging process: A case study associated with a post-landfall tropical depression</a>	ADVANCES IN ATMOSPHERIC SCIENCES	
2009	<a href="#">Methodology for Assessing the Resilience of Networked Infrastructure</a>	IEEE SYSTEMS JOURNAL	
2014	<a href="#">Microwave Instruments for Observing Tropical Cyclones</a>	TYPHOON IMPACT AND CRISIS MANAGEMENT	
2002	<a href="#">Microwave Remote Sensing of Tropical Cyclones from Space</a>	JOURNAL OF OCEANOGRAPHY	
2012	<a href="#">Mid- to late-Holocene coastal environmental changes in southwest Florida, USA</a>	HOLOCENE	
2009	<a href="#">Miniature Supercells in an Offshore Outer Rainband of Hurricane Ivan (2004)</a>	MONTHLY WEATHER REVIEW	Ivan (2004)
2009	<a href="#">Mixed Layer Cooling in Mesoscale Oceanic Eddies during Hurricanes Katrina and Rita</a>	MONTHLY WEATHER REVIEW	Katrina (2005); Rita (2005)
2010	<a href="#">Modeling Extreme Rainfall, Winds, and Surge from Hurricane Isabel (2003)</a>	WEATHER AND FORECASTING	Isabel (2003)
2011	<a href="#">Modeling hurricane waves and storm surge using integrally-coupled, scalable computations</a>	COASTAL ENGINEERING	Katrina (2005); Rita (2005)
2011	<a href="#">Modeling hurricane-caused urban forest debris in Houston, Texas</a>	LANDSCAPE AND URBAN PLANNING	
2001	<a href="#">Modeling of Hurricane Waves in Hawaiian Waters</a>	PROCEEDINGS OF THE ELEVENTH (2001) INTERNATIONAL OFFSHORE AND POLAR ENGINEERING CONFERENCE, VOL III	Inkiki (1992)
2003	<a href="#">Modeling of storm-induced coastal flooding for emergency management</a>	OCEAN ENGINEERING	Iwa (1982); Iniki (1992)
2003	<a href="#">Modeling of tropical cyclone winds and waves for emergency management</a>	OCEAN ENGINEERING	Iniki (1992)
2007	<a href="#">Modeling the Effects of Land-Sea Roughness Contrast on Tropical Cyclone Winds</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2012	<a href="#">Modeling waves and wind stress</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Bonnie (1998); Ike (2008)
2016	<a href="#">Multi-hazard system-level logit fragility functions</a>	ENGINEERING STRUCTURES	
2014	<a href="#">Multiplatform observations of boundary layer structure in the outer rainbands of landfalling typhoons</a>	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	
1997	<a href="#">Multiscale Numerical Study of Hurricane Andrew (1992). Part I. Explicit Simulation and Verification</a>	MONTHLY WEATHER REVIEW	Andrew (1992)
2014	<a href="#">Multi-scale sensitivity of Landsat and MODIS to forest disturbance associated with tropical cyclones</a>	REMOTE SENSING OF ENVIRONMENT	Charley (2004); Katrina (2005); Rita (2005); Gustav (2008); Yasi (2011)
2010	<a href="#">NASA'S Ocean Vector Winds Science Team Workshops</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2010	<a href="#">Near-Inertial Wave Wake of Hurricanes Katrina and Rita over Mesoscale Oceanic Eddies</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Katrina (2005); Rita (2005)
2015	<a href="#">New Possibilities for Geophysical Parameter Retrievals Opened by GCOM-W1 AMSR2</a>	IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	
2013	<a href="#">NOAA'S Hurricane Intensity Forecasting Experiment: A Progress Report</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2010	<a href="#">Nonlinear terms in storm surge predictions: Effect of tide and shelf geometry with case study from Hurricane Rita</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Rita (2005)
2004	<a href="#">North Atlantic Hurricanes 1977-99: Surface Hurricane-Force Wind Radii</a>	MONTHLY WEATHER REVIEW	
2014	<a href="#">Numerical Analysis and Diagnosis of the Hydrodynamic Effects Produced by Hurricane Gordon along the Coast of Spain</a>	WEATHER AND FORECASTING	Gordon (2012)
2009	<a href="#">Numerical investigation of an oceanic resonant regime induced by hurricane winds</a>	OCEAN DYNAMICS	Frances (2004)
2007	<a href="#">Numerical modeling and field evidence of coastal overwash in southern New England from Hurricane Bob and implications for paleotempestology</a>	JOURNAL OF GEOPHYSICAL RESEARCH-EARTH SURFACE	Bob (1991)
2005	<a href="#">Numerical modeling of wind waves generated by tropical cyclones using moving grids</a>	OCEAN MODELLING	Lili (2002)
2003	<a href="#">Numerical Simulation of Sea Surface Directional Wave Spectra under Hurricane Wind Forcing</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Bonnie (1998)
2012	<a href="#">Numerical Simulation on Re-Intensification or Tropical Remnant Re-Entering the Sea: A Case Study</a>	JOURNAL OF TROPICAL METEOROLOGY	Typhoon Toraji (2001)
2009	<a href="#">Numerical Simulations and Observations of Surface Wave Fields under an Extreme Tropical Cyclone</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Ivan (2004)
2007	<a href="#">Objective classification of historical tropical cyclone intensity</a>	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	
2006	<a href="#">Objective Estimation of Tropical Cyclone Wind Structure from Infrared Satellite Data</a>	WEATHER AND FORECASTING	
2012	<a href="#">Objective Tropical Cyclone Center Tracking Using Single-Doppler Radar</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	Danny (1997); Bret (1999)
2007	<a href="#">Objectively Determined Resolution-Dependent Threshold Criteria for the Detection of Tropical Cyclones in Climate Models and Reanalyses</a>	JOURNAL OF CLIMATE	
2012	<a href="#">Observation and simulation of winds and hydrodynamics in St. Johns and Nassau Rivers</a>	JOURNAL OF HYDROLOGY	
2014	<a href="#">Observational tests of hurricane intensity estimations using GPS radio occultations</a>	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	
2012	<a href="#">Observational Undersampling in Tropical Cyclones and Implications for Estimated Intensity</a>	MONTHLY WEATHER REVIEW	Isabel (2003)
2012	<a href="#">Observations and simulation of winds, surge, and currents on Florida's east coast during hurricane Jeanne (2004)</a>	COASTAL ENGINEERING	Jeanne (2004)
2011	<a href="#">Observations of Landfalling Wave Spectra during Hurricane Ike</a>	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	Ike (2008)
2015	<a href="#">Observations on a Hurricane Wind Hazard Model Used to Map Extreme Hurricane Wind Speed</a>	JOURNAL OF STRUCTURAL ENGINEERING	
2006	<a href="#">Observed Boundary Layer Wind Structure and Balance in the Hurricane Core, Part I: Hurricane Georges</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	Georges (1998)
2012	<a href="#">Observed characteristics of tropical cyclone vertical wind profiles</a>	WIND AND STRUCTURES	
2014	<a href="#">Observed Hurricane Wind Speed Asymmetries and Relationships to Motion and Environmental Shear</a>	MONTHLY WEATHER REVIEW	
2016	<a href="#">Observed ocean thermal response to Hurricanes Gustav and Ike</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Gustav (2008); Ike (2008)
2007	<a href="#">Observed Oceanic Response over the Upper Continental Slope and Outer Shelf during Hurricane Ivan</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Ivan (2004)
2016	<a href="#">Observed Tropical Cyclone Size Revisited</a>	JOURNAL OF CLIMATE	
2009	<a href="#">Observed tropical cyclone wind flow characteristics</a>	WIND AND STRUCTURES	
2009	<a href="#">Observing and Studying Extreme Low Pressure Events with Altimetry</a>	SENSORS	Isabel (2003)
2016	<a href="#">Ocean surface waves in Hurricane Ike (2008) and Superstorm Sandy (2012): Coupled model predictions and observations</a>	OCEAN MODELLING	Ike (2008); Sandy (2012)
2012	<a href="#">Ocean-atmosphere dynamics during Hurricane Ida and Nor'Ida: An application of the coupled ocean-atmosphere-wave-sediment transport (COAWST) modeling...</a>	OCEAN MODELLING	Ida (2009)
2009	<a href="#">Ocean's response to Hurricane Frances and its implications for drag coefficient parameterization at high wind speeds</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Frances (2004)
2012	<a href="#">On hurricane parametric wind and applications in storm surge modeling</a>	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	
2009	<a href="#">On SAR wind speed ambiguities and related geophysical model functions</a>	CANADIAN JOURNAL OF REMOTE SENSING	
2001	<a href="#">On the Decay of Tropical Cyclone Winds after Landfall in the New England Area</a>	JOURNAL OF APPLIED METEOROLOGY	
2012	<a href="#">On the development and verification of a parametric parallel unstructured-grid finite-volume wind wave model for coupling with ocean circulation mod...</a>	ENVIRONMENTAL MODELLING & SOFTWARE	
2012	<a href="#">On the Height of the Warm Core in Tropical Cyclones</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2009	<a href="#">On the importance of the forward speed of hurricanes in storm surge forecasting: A numerical study</a>	GEOPHYSICAL RESEARCH LETTERS	Rita (2005)

Year	Title	Journal	Storms
2009	<a href="#">On the modelling of over-ocean hurricane surface winds and their uncertainty</a>	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY	
2009	<a href="#">On the Receding of Storm Surge along Louisiana's Low-Lying Coast</a>	JOURNAL OF COASTAL RESEARCH	Gustav (2008); Rita (2005)
2011	<a href="#">On the Vertical Decay Rate of the Maximum Tangential Winds in Tropical Cyclones</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2009	<a href="#">On time-evolution of a balanced circular vortex</a>	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY	
2014	<a href="#">On tropical cyclone size and intensity changes associated with two types of long-lasting rainbands in monsoonal environments</a>	GEOPHYSICAL RESEARCH LETTERS	
2005	<a href="#">Operational Forecasting of Wind-Generated Waves by Hurricane Isabel at NCEP</a>	WEATHER AND FORECASTING	Isabel (2003)
2014	<a href="#">Optimized Tropical Cyclone Winds From QuikSCAT: A Neural Network Approach</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2011	<a href="#">Origin of the Hurricane Ike forerunner surge</a>	GEOPHYSICAL RESEARCH LETTERS	Ike (2008)
2014	<a href="#">Paradigms for tropical cyclone intensification</a>	AUSTRALIAN METEOROLOGICAL AND OCEANOGRAPHIC JOURNAL	
2007	<a href="#">Parameterization of air-sea gas fluxes at extreme wind speeds</a>	JOURNAL OF MARINE SYSTEMS	Frances (2004)
2012	<a href="#">Parametric Adjustments to the Rankine Vortex Wind Model for Gulf of Mexico Hurricanes</a>	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	
2015	<a href="#">Parametric Modeling of Transitioning Cyclone Wind Fields for Risk Assessment Studies in the Western North Pacific</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2008	<a href="#">Patterns and Controls of Hurricane-Caused Forest Damage: A Landscape-Scale Analysis of Treefall Direction Following Hurricane Katrina</a>	PROFESSIONAL GEOGRAPHER	Katrina (2005)
2008	<a href="#">Patterns of Forest Damage in a Southern Mississippi Landscape Caused by Hurricane Katrina</a>	ECOSYSTEMS	Katrina (2005)
2012	<a href="#">Peak factor estimation in hurricane surface winds</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	
2011	<a href="#">Performance of a Dynamic Initialization Scheme in the Coupled Ocean-Atmosphere Mesoscale Prediction System for Tropical Cyclones (COAMPS-TC)</a>	WEATHER AND FORECASTING	
2012	<a href="#">Performance of the Unstructured-Mesh, SWAN plus ADCIRC Model in Computing Hurricane Waves and Surge</a>	JOURNAL OF SCIENTIFIC COMPUTING	Katrina (2005); Rita (2005); Gustav (2008); Ike (2008)
2012	<a href="#">Physically based assessment of hurricane surge threat under climate change</a>	NATURE CLIMATE CHANGE	
2008	<a href="#">Polarimetric Radar Observations of the Persistently Asymmetric Structure of Tropical Cyclone Ingrid</a>	MONTHLY WEATHER REVIEW	Ingrid (2005)
2000	<a href="#">Post-Hurricane Regeneration of Pioneer Plant Species in South Florida Subtropical Hardwood Hammocks</a>	BIOTROPICA	Andrew (1992)
2014	<a href="#">Predicting and Visualizing Storm Surges and Coastal Inundation: A Case Study from Maryland, USA</a>	TYPHOON IMPACT AND CRISIS MANAGEMENT	
2016	<a href="#">Predicting hurricane wind damage by claim payout based on Hurricane Ike in Texas</a>	GEOMATICS NATURAL HAZARDS & RISK	
2011	<a href="#">Probabilistic hurricane surge forecasting using parameterized surge response functions</a>	GEOPHYSICAL RESEARCH LETTERS	Ike (2008)
2003	<a href="#">Probing Hurricanes with Stable Isotopes of Rain and Water Vapor</a>	MONTHLY WEATHER REVIEW	Olivia (1994); Opal (1995); Marilyn (1995); Hortense (1995)
2008	<a href="#">Quantifying hurricane destructive power, wind speed, and air-sea material exchange with natural undersea sound</a>	GEOPHYSICAL RESEARCH LETTERS	Gert (1999)
2001	<a href="#">QuikSCAT geophysical model function for tropical cyclones and application to hurricane Floyd</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Floyd (1999)
2001	<a href="#">QuikSCAT's sea winds facilitates early identification of tropical depressions in 1999 hurricane season</a>	GEOPHYSICAL RESEARCH LETTERS	
2007	<a href="#">Radar and Rain Gauge Analysis of the Extreme Rainfall during Hurricane Danny's (1997) Landfall</a>	MONTHLY WEATHER REVIEW	Danny (1997)
2007	<a href="#">RADARSAT ScanSAR wind retrieval under Hurricane conditions - art. no. 66770K</a>	EARTH OBSERVING SYSTEMS XII	Katrina (2005)
2010	<a href="#">Rapidly installed temporary gauging for hurricane waves and surge, and application to Hurricane Gustav</a>	CONTINENTAL SHELF RESEARCH	Gustav (2008)
2004	<a href="#">Real-Time Implementation of Single-Doppler Radar Analysis Methods for Tropical Cyclones: Algorithm Improvements and Use with WSR-88D Display Data</a>	WEATHER AND FORECASTING	Bret (1999); Barry (2001)
2000	<a href="#">Re-Analysis of the Gale of 78 - Storm 9 of the 1878 Hurricane Season</a>	24TH CONFERENCE ON HURRICANES AND TROPICAL METEOROLOGY/10TH CONFERENCE ON INTERACTION OF THE SEA AND ATMOSPHERE	Storm 9 (1878)
2014	<a href="#">Recent developments of ocean environmental description with focus on uncertainties</a>	OCEAN ENGINEERING	
2005	<a href="#">Recent Innovations in Deriving Tropospheric Winds from Meteorological Satellites</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2014	<a href="#">Recent progress on high wind-speed retrieval from multi-polarization SAR imagery: a review</a>	INTERNATIONAL JOURNAL OF REMOTE SENSING	
2010	<a href="#">Reconstruction of Hurricane Katrina's wind fields for storm surge and wave hindcasting</a>	OCEAN ENGINEERING	Katrina (2005)
2009	<a href="#">Reexamining the Vertical Structure of Tangential Winds in Tropical Cyclones: Observations and Theory</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2001	<a href="#">Regeneration in fringe mangrove forests damaged by Hurricane Andrew</a>	PLANT ECOLOGY	Andrew (1992)
2012	<a href="#">Regional attributes of hurricane surge response functions for hazard assessment</a>	NATURAL HAZARDS	
2004	<a href="#">Regional Observations during the Landfall of Tropical Cyclone Juliette (2001) in Baja California, Mexico</a>	MONTHLY WEATHER REVIEW	Juliette (2001)
2012	<a href="#">Regression Models for Outlier Identification (Hurricanes and Typhoons) in Wave Hindcast Databases</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	
2016	<a href="#">Relating Wind and Stress under Tropical Cyclones with Scatterometer</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	
2006	<a href="#">Remote forcing contribution to storm-induced sea level rise during Hurricane Dennis</a>	GEOPHYSICAL RESEARCH LETTERS	Dennis (2005)
2014	<a href="#">Remote Sensing Assessment of Forest Disturbance across Complex Mountainous Terrain: The Pattern and Severity of Impacts of Tropical Cyclone Yasi on Australian Rainforests</a>	REMOTE SENSING	
2016	<a href="#">Remote sensing of seasonal changes and disturbances in mangrove forest: a case study from South Florida</a>	ECOSPHERE	
2001	<a href="#">Removal of Nonnative Vines and Post-Hurricane Recruitment in Tropical Hardwood Forests of Florida</a>	BIOTROPICA	
2010	<a href="#">Reply to discussion of A hydrodynamics-based surge scale for hurricanes</a>	OCEAN ENGINEERING	
2012	<a href="#">Research Radar Analyses of the Internal Boundary Layer over Cape Canaveral, Florida, during the Landfall of Hurricane Frances (2004)</a>	WEATHER AND FORECASTING	Frances (2004)
2014	<a href="#">Response of wave-dominated and mixed-energy barriers to storms</a>	MARINE GEOLOGY	
2014	<a href="#">Retrieval and Quality Assessment of Wind Velocity Vectors on the Ocean With C-Band SAR</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2014	<a href="#">Retrieving hurricane wind speeds using cross-polarization C-band measurements</a>	ATMOSPHERIC MEASUREMENT TECHNIQUES	
2016	<a href="#">Risk and Adaptation: Evidence from Global Hurricane Damages and Fatalities</a>	JOURNAL OF THE ASSOCIATION OF ENVIRONMENTAL AND RESOURCE ECONOMISTS	
2011	<a href="#">Risk assessment of hurricane winds for Eglin air force base in northwestern Florida, USA</a>	THEORETICAL AND APPLIED CLIMATOLOGY	
2015	<a href="#">Role of Near-Inertial Internal Waves in Subthermocline Diapycnal Mixing in the Northern Gulf of Mexico</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Katrina (2005)
2010	<a href="#">Satellite Microwave Surface Observations in Tropical Cyclones</a>	MONTHLY WEATHER REVIEW	Isabel (2003); Wilma (2005)
2015	<a href="#">Satellite tools to monitor and predict Hurricane Sandy (2012): Current and emerging products</a>	ATMOSPHERIC RESEARCH	Sandy (2012)
2012	<a href="#">Scientific Prerequisites to Comprehension of the Tropical Cyclone Forecast: Intensity, Track, and Size</a>	WEATHER AND FORECASTING	
2015	<a href="#">Sensitivity of the Warm Core of Tropical Cyclones to Solar Radiation</a>	ADVANCES IN ATMOSPHERIC SCIENCES	
2011	<a href="#">Simple Diagnosis of Tropical Cyclone Structure via Pressure Gradients</a>	WEATHER AND FORECASTING	
2005	<a href="#">Simple Empirical Models for Estimating the Increase in the Central Pressure of Tropical Cyclones after Landfall along the Coastline of the United St...</a>	JOURNAL OF APPLIED METEOROLOGY	
2015	<a href="#">Simulating complex storm surge dynamics: Three-dimensionality, vegetation effect, and onshore sediment transport</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	
2013	<a href="#">Simulating Hurricane Storm Surge in the Lower Mississippi River under Varying Flow Conditions</a>	JOURNAL OF HYDRAULIC ENGINEERING-ASCE	Gustav (2008)
2000	<a href="#">Simulation of Hurricane Risk in the U.S. Using Empirical Track Model</a>	JOURNAL OF STRUCTURAL ENGINEERING-ASCE	
2001	<a href="#">Simulation of hurricane waves with parametric wind fields</a>	OCEANS 2001 MTS/IEEE: AN OCEAN ODYSSEY, VOLS 1-4, CONFERENCE PROCEEDINGS	Inkiki (1992)
2010	<a href="#">Simulation of storm surge, wave, and coastal inundation in the Northeastern Gulf of Mexico region during Hurricane Ivan in 2004</a>	OCEAN MODELLING	Ivan (2004)
2015	<a href="#">Simulation of the extreme waves generated by typhoon Bolaven (1215) in the East China Sea and Yellow Sea</a>	ACTA OCEANOLOGICA SINICA	Boaven (2012)
2011	<a href="#">Simulation of the Hurricane Dennis storm surge and considerations for vertical resolution</a>	NATURAL HAZARDS	Dennis (2005)
2014	<a href="#">Simulations of Hurricane Katrina (2005) under sea level and climate conditions for 1900</a>	CLIMATIC CHANGE	Katrina (2005)
2013	<a href="#">Skill assessment of a real-time forecast system utilizing a coupled hydrologic and coastal hydrodynamic model during Hurricane Irene (2011)</a>	CONTINENTAL SHELF RESEARCH	Katrina (2005); Rita (2005); Gustav (2008); Ike (2008)
2010	<a href="#">Slab- and height-resolving models of the tropical cyclone boundary layer. Part I: Comparing the simulations</a>	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY	
2012	<a href="#">SMOS satellite L-band radiometer: A new capability for ocean surface remote sensing in hurricanes</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	
2011	<a href="#">Some Implications of Core Regime Wind Structures in Western North Pacific Tropical Cyclones</a>	WEATHER AND FORECASTING	
2007	<a href="#">Spatial Patterns of Regeneration after Hurricane Andrew in Two South Florida Fringe Mangrove Forests</a>	Florida Scientist	Andrew (1992)

Year	Title	Journal	Storms
2009	<a href="#">Speed ambiguity in hurricane wind retrieval from SAR imagery</a>	INTERNATIONAL JOURNAL OF REMOTE SENSING	Rita (2005)
2005	<a href="#">State of Florida hurricane loss projection model: Atmospheric science component</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	
2015	<a href="#">Statistical estimation of extreme ocean waves over the eastern Canadian shelf from 30-year numerical wave simulation</a>	OCEAN DYNAMICS	
2008	<a href="#">Statistical Models of Holland Pressure Profile Parameter and Radius to Maximum Winds of Hurricanes from Flight-Level Pressure and H*Wind Data</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	
2014	<a href="#">Statistical Prediction of Integrated Kinetic Energy in North Atlantic Tropical Cyclones</a>	MONTHLY WEATHER REVIEW	
2016	<a href="#">Statistical-dynamical seasonal forecast of western North Pacific and East Asia landfalling tropical cyclones using the high-resolution GFDL FLOR coupled model</a>	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS	
2012	<a href="#">Storm surge and wave simulations in the Gulf of Mexico using a consistent drag relation for atmospheric and storm surge models</a>	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES	Katrina (2005); Ivan (2008)
2016	<a href="#">Storm surge hazard in Manila Bay: Typhoon Nesat (Pedring) and the SW monsoon</a>	NATURAL HAZARDS	Nesat (2011)
2010	<a href="#">Storm surge propagation in Galveston Bay during Hurricane Ike</a>	JOURNAL OF MARINE SYSTEMS	Ike (2008)
2006	<a href="#">Storm tide simulation in the Chesapeake Bay using an unstructured grid model</a>	ESTUARINE COASTAL AND SHELF SCIENCE	Isabel (2003)
2014	<a href="#">Strong swirl approximation and intensive vortices in the atmosphere</a>	JOURNAL OF FLUID MECHANICS	
2010	<a href="#">Structural changes of a tropical cyclone during landfall: beta-plane simulations</a>	ADVANCES IN ATMOSPHERIC SCIENCES	
2010	<a href="#">Structure and Evolution of a Possible US Landfalling Tropical Storm in 2006</a>	MONTHLY WEATHER REVIEW	
2010	<a href="#">STUDIES OF THE INFLUENCE OF RAINFALL UPON SCATTEROMETER ESTIMATES FOR SEA SURFACE STRESS: APPLICATIONS TO BOUNDARY LAYER PARAMETERIZATION AND DRAG CO...</a>	2010 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM	
2012	<a href="#">STUDY OF THE INFLUENCE OF TROPICAL CYCLONE ON OFFSHORE WIND TURBINE GENERATOR SYSTEM</a>	PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON APAC 2011	
2013	<a href="#">Study on near-ground wind characteristics of a strong typhoon-wind speed, turbulence intensities, gust factors and peak factors</a>	DISASTER ADVANCES	Typhoon Muifa (2011)
2013	<a href="#">STWAVE simulation of Hurricane Ike: Model results and comparison to data</a>	COASTAL ENGINEERING	Ike (2008)
2012	<a href="#">Surface Cold Pools in the Outer Rainbands of Tropical Storm Hanna (2008) Near Landfall</a>	MONTHLY WEATHER REVIEW	Hanna (2008)
2000	<a href="#">Surface Observations in the Hurricane Environment</a>	MONTHLY WEATHER REVIEW	
2005	<a href="#">Surface Observations of Landfalling Hurricane Rainbands</a>	MONTHLY WEATHER REVIEW	Bonnie (1998); Dennis (1999)
2012	<a href="#">Surface trajectories of oil transport along the Northern Coastline of the Gulf of Mexico</a>	CONTINENTAL SHELF RESEARCH	
2003	<a href="#">Surface Wind Fields for Florida Bay Hurricanes</a>	JOURNAL OF COASTAL RESEARCH	Gordon (1994); Labor Day (1935)
1998	<a href="#">Surface wind fields in hurricanes</a>	OCEAN WAVE MEASUREMENT AND ANALYSIS, VOLS 1 AND 2	
1998	<a href="#">Surface Wind Fields of 1995 Hurricanes Erin, Opal, Luis, Marilyn, and Roxanne at Landfall</a>	MONTHLY WEATHER REVIEW	Erin (1995); Opal (1995); Luis (1995); Marilyn (1995); Roxanne (1995)
1999	<a href="#">Surface Winds at Landfall of Hurricane Andrew (1992) - A reply</a>	MONTHLY WEATHER REVIEW	Andrew (1992)
2000	<a href="#">Surface winds in hurricanes from GPS-Sondes: Comparisons with observations</a>	24TH CONFERENCE ON HURRICANES AND TROPICAL METEOROLOGY/10TH CONFERENCE ON INTERACTION OF THE SEA AND ATMOSPHERE	
2013	<a href="#">Surge Generation Mechanisms in the Lower Mississippi River and Discharge Dependency</a>	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	
2016	<a href="#">Systems-Based Approach to Interdependent Electric Power Delivery and Telecommunications Infrastructure Resilience Subject to Weather-Related Hazards</a>	JOURNAL OF STRUCTURAL ENGINEERING	
2010	<a href="#">Technology Planning for Electric Power Supply in Critical Events Considering a Bulk Grid, Backup Power Plants, and Micro-Grids</a>	IEEE SYSTEMS JOURNAL	
2015	<a href="#">Terrain-driven unstructured mesh development through semi-automatic vertical feature extraction</a>	ADVANCES IN WATER RESOURCES	
2015	<a href="#">The 2012 Triply Nested, High-Resolution Operational Version of the Hurricane Weather Research and Forecasting Model (HWRF): Track and Intensity Forecast Verifications</a>	WEATHER AND FORECASTING	
2000	<a href="#">The 3D Oceanic Mixed Layer Response to Hurricane Gilbert</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Gilbert (1988)
2011	<a href="#">THE CI-FLOW PROJECT A System for Total Water Level Prediction from the Summit to the Sea</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	Isabel (2003); Earl (2010); Nicole (2010)
2001	<a href="#">The Dynamics of Boundary Layer Jets within the Tropical Cyclone Core. Part I: Linear Theory</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2007	<a href="#">The effect of tidal inlets on open coast storm surge hydrographs</a>	COASTAL ENGINEERING	Ivan (2004)
2014	<a href="#">The emission and scattering of L-band microwave radiation from rough ocean surfaces and wind speed measurements from the Aquarius sensor</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	
2012	<a href="#">The Emissivity of the Ocean Surface Between 6 and 90 GHz Over a Large Range of Wind Speeds and Earth Incidence Angles</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2011	<a href="#">The Florida Coastal Monitoring Program (FCMP): A review</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	Frances (2004)
1998	<a href="#">The HRD real-time hurricane wind analysis system</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	
1999	<a href="#">The impact of coastal terrain on hurricane boundary layer winds</a>	WIND ENGINEERING INTO THE 21ST CENTURY, VOLS 1-3	
2009	<a href="#">The Impact of Horizontal Grid Spacing on the Microphysical and Kinematic Structures of Strong Tropical Cyclones Simulated with the WRF-ARW Model</a>	MONTHLY WEATHER REVIEW	Rita (2005)
2011	<a href="#">The Influence of Rainfall on Scatterometer Backscatter Within Tropical Cyclone Environments: Implications on Parameterization of Sea-Surface Stress</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2010	<a href="#">The Influence Of Rainfall Upon Scatterometer Estimates For Sea Surface Stress: Applications To Boundary Layer Parameterization And Drag Coefficient...</a>	OCEANS 2010	
2008	<a href="#">The Influence of Storm Size on Hurricane Surge</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Katrina (2005)
2014	<a href="#">The influence of unsealing on the wind resistance of asphalt shingles</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	
2006	<a href="#">The Intensity Forecasting Experiment: A NOAA Multiyear Field Program for Improving Tropical Cyclone Intensity Forecasts</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2007	<a href="#">The National Hurricane Research Project - 50 Years of Research, Rough Rides, and Name Changes</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2007	<a href="#">The NIST-NOAA Resilient Communities Cooperative Initiative and Its Contribution to Coastal Community Resilience</a>	MARINE TECHNOLOGY SOCIETY JOURNAL	
2013	<a href="#">The NOPP operational wave model improvement project</a>	OCEAN MODELLING	
2003	<a href="#">The Ocean Boundary Layer below Hurricane Dennis</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Dennis (2005)
2007	<a href="#">The Operational GFDL Coupled Hurricane-Ocean Prediction System and a Summary of Its Performance</a>	MONTHLY WEATHER REVIEW	
2012	<a href="#">The role of mangroves in attenuating storm surges</a>	ESTUARINE COASTAL AND SHELF SCIENCE	Wilma (2005)
2009	<a href="#">The role of meteorological forcing on the St. Johns River (Northeastern Florida)</a>	JOURNAL OF HYDROLOGY	Ophelia (2005)
2003	<a href="#">The Role of Oceanic Mesoscale Features on the Tropical Cyclone-Induced Mixed Layer Response: A Case Study</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Gilbert (1988)
2012	<a href="#">The Role of Public Wealth in Recover and Resiliency to Natural Disasters in Rural Communities</a>	AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS	
2011	<a href="#">The role of storm-relative advection of absolute angular momentum in strengthening of Atlantic tropical cyclones</a>	GEOPHYSICAL RESEARCH LETTERS	
2014	<a href="#">The Sound of Tropical Cyclones</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Gustav (2008); Megi (2010); Fanapi (2010)
2014	<a href="#">The spatial distribution of tornadoes and high wind impacts associated with inland-moving tropical cyclones in the southeastern United States</a>	PHYSICAL GEOGRAPHY	
2015	<a href="#">The Subtropical Jet Stream Delivers the Coup de Grace to Hurricane Felicia (2009)</a>	WEATHER AND FORECASTING	Felicia (2009)
2013	<a href="#">The Track Integrated Kinetic Energy of Atlantic Tropical Cyclones</a>	MONTHLY WEATHER REVIEW	
2015	<a href="#">Thermodynamic Observations and Flux Calculations of the Tropical Cyclone Surface Layer within the Context of Potential Intensity</a>	WEATHER AND FORECASTING	
2006	<a href="#">Thirty Years of Tropical Cyclone Research with the NOAA P-3 Aircraft</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2014	<a href="#">Three dimensional simulation of transport and fate of oil spill under wave induced circulation</a>	MARINE POLLUTION BULLETIN	
2012	<a href="#">Time evolution of the intensity and size of tropical cyclones</a>	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS	
2013	<a href="#">Topographic Speed-Up Effects and Observed Roof Damage on Bermuda following Hurricane Fabian (2003)</a>	WEATHER AND FORECASTING	Fabian (2003)
2013	<a href="#">Toward High-Resolution, Rapid, Probabilistic Forecasting of the Inundation Threat from Landfalling Hurricanes</a>	MONTHLY WEATHER REVIEW	Charley (2004); Wilma (2005)
2012	<a href="#">Toward Improving High-Resolution Numerical Hurricane Forecasting: Influence of Model Horizontal Grid Resolution, Initialization, and Physics</a>	WEATHER AND FORECASTING	

Year	Title	Journal	Storms
2010	<a href="#">Toward Objective, Standardized Intensity Estimates from Surface Wind Speed Observations</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2010	<a href="#">Toward the Probabilistic Simulation of Storm Surge and Inundation in a Limited-Resource Environment</a>	MONTHLY WEATHER REVIEW	Charley (2004)
2013	<a href="#">Transition of the Coastal and Estuarine Storm Tide Model to an Operational Storm Surge Forecast Model: A Case Study of the Florida Coast</a>	WEATHER AND FORECASTING	
2008	<a href="#">Tropical Cyclone Destructive Potential by Integrated Kinetic Energy</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2008	<a href="#">Tropical Cyclone Destructive Potential by Integrated Kinetic Energy - Reply</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2007	<a href="#">Tropical Cyclone Destructive Potential by Integrated Kinetic Energy</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	Andrew (1992); Hugo (1989); Opal (1995)
2007	<a href="#">Tropical Cyclone Destructive Potential by Integrated Kinetic Energy - Comment</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2008	<a href="#">Tropical Cyclone Destructive Potential by Integrated Kinetic Energy - Reply</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2007	<a href="#">Tropical Cyclone Destructive Potential by Integrated Kinetic Energy - Reply</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2004	<a href="#">Tropical Cyclone Formation in a Sheared Environment: A Case Study</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	Danny (1997)
2008	<a href="#">Tropical Cyclone Inner-Core Kinetic Energy Evolution</a>	MONTHLY WEATHER REVIEW	
2001	<a href="#">Tropical Cyclone Intensity Change from a Simple Ocean-Atmosphere Coupled Model</a>	JOURNAL OF THE ATMOSPHERIC SCIENCES	
2014	<a href="#">Tropical Cyclone Simulation and Response to CO2 Doubling in the GFDL CM2.5 High-Resolution Coupled Climate Model</a>	JOURNAL OF CLIMATE	
2009	<a href="#">Tropical cyclone wind field forcing for surge models: critical issues and sensitivities</a>	NATURAL HAZARDS	Katrina (2005)
2006	<a href="#">Tropical Cyclone Wind Retrievals from the Advanced Microwave Sounding Unit: Application to Surface Wind Analysis</a>	JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY	Floyd (1999); Michelle (2001)
2004	<a href="#">Tropical Cyclone Winds at Landfall - The ASOS-C-MAN Wind Exposure Documentation Project</a>	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	
2016	<a href="#">Tropical cyclones and climate change</a>	WILEY INTERDISCIPLINARY REVIEWS-CLIMATE CHANGE	
2010	<a href="#">Tropical Storm and Hurricane Recovery and Preparedness Strategies</a>	ILAR JOURNAL	Allison (1001); Ike (2008)
2016	<a href="#">Typhoon wind hazard estimation for China using an empirical track model</a>	NATURAL HAZARDS	
2012	<a href="#">Uncertainty and Intercalibration Analysis of H*Wind</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	
2012	<a href="#">Uncertainty of Tropical Cyclone Best-Track Information</a>	WEATHER AND FORECASTING	
2015	<a href="#">Uncertainty quantification for a climatology of the frequency and spatial distribution of North Atlantic tropical cyclone landfalls</a>	JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS	
2011	<a href="#">Upper-Ocean Response to Hurricane Frances (2004) Observed by Profiling EM-APEX Floats</a>	JOURNAL OF PHYSICAL OCEANOGRAPHY	Frances (2004)
2013	<a href="#">US IOOS coastal and ocean modeling testbed: Inter-model evaluation of tides, waves, and hurricane surge in the Gulf of Mexico</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Ike (2008); Rita (2005)
2011	<a href="#">Using ICESat's Geoscience Laser Altimeter System (GLAS) to assess large-scale forest disturbance caused by hurricane Katrina</a>	REMOTE SENSING OF ENVIRONMENT	Katrina (2005)
2008	<a href="#">Using Infrared Satellite Image Processing to Rapidly Estimate Coastal Flooding Induced by Tropical Cyclones</a>	CISP 2008: FIRST INTERNATIONAL CONGRESS ON IMAGE AND SIGNAL PROCESSING, VOL 2, PROCEEDINGS	Katrina (2005); Rita (2005)
2010	<a href="#">Using Mesoscale Simulations to Train Statistical Models of Tropical Cyclone Intensity over Land</a>	MONTHLY WEATHER REVIEW	
2010	<a href="#">Using Remotely Sensed Data and Elementary Analytical Techniques in Post-Katrina Mississippi to Examine Storm Damage Modeling</a>	U S Forest Service Pacific Northwest Research Station General Technical Report PNW-Katrina (2005) GTR	
2016	<a href="#">Validation of the FAST forecast model for the storm surges due to hurricanes Wilma and Ike</a>	NATURAL HAZARDS	Wilma (2005); Ike (2008)
2010	<a href="#">Variation of pCO<sub>2</sub>(l) in ocean surface water in response to the passage of a hurricane</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Frances (2004)
1998	<a href="#">Variation of turbulence intensities and integral scales during the passage of a hurricane</a>	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	Bob (1991)
2003	<a href="#">Verification of Remotely Sensed Sea Surface Winds in Hurricanes</a>	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	
2006	<a href="#">Water level response to 1999 Hurricane Floyd in the Chesapeake Bay</a>	CONTINENTAL SHELF RESEARCH	Floyd (1999)
2012	<a href="#">Wind and waves in extreme hurricanes</a>	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	
2014	<a href="#">Wind characteristics observed in the vicinity of tropical cyclones: An investigation of the gradient balance and super-gradient flow</a>	WIND AND STRUCTURES	
2013	<a href="#">Wind energy potential assessment considering the uncertainties due to limited data</a>	APPLIED ENERGY	
2000	<a href="#">Wind Fields from SAR: Could They Improve Our Understanding of Storm Dynamics?</a>	JOHNS HOPKINS APL TECHNICAL DIGEST	
2013	<a href="#">Wind Profiles in Tropical Cyclone Stratiform Rainbands over Land</a>	MONTHLY WEATHER REVIEW	Fay, Gustav, Ike (2008)
2008	<a href="#">Wind Retrievals under Rain for Passive Satellite Microwave Radiometers and its Application to Hurricane Tracking</a>	2008 MICROWAVE RADIOMETRY AND REMOTE SENSING OF THE ENVIRONMENT	
2010	<a href="#">WINDSAT RETRIEVAL OF OCEAN SURFACE WIND SPEEDS IN TROPICAL CYCLONES</a>	2010 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM	Dennis, Katrina, Rita (2005)
2009	<a href="#">Wind-Vector Retrievals Under Rain With Passive Satellite Microwave Radiometers</a>	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	
2016	<a href="#">Wind-wave prediction equations for probabilistic offshore hurricane hazard analysis</a>	NATURAL HAZARDS	