



Tropical Cyclone Risk: Selections from RMS Published Research

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O'Hagan, T., B. Ward and K. Coughlin (2008): "How Many Katrinas? Predicting the Number of Hurricanes Striking the USA", Significance

Coughlin, K., E. Bellone, T. Laepple, S. Jewson, K. Nzerem (2008): "[A Relationship Between all Atlantic Hurricanes and Those That Make Landfall in the U.S.](#)", Quarterly Journal of the Royal Meteorological Society

Jewson, S., E. Bellone, S. Khare, T. Laepple, M. Lonfat, K. Nzerem, A. O'Shay, J. Penzer, K. Coughlin (2008): "[5 Year Prediction of the Number of Hurricanes Which Make U.S. Landfall](#)", Hurricanes and Climate Change

Hall, T. and Jewson, S. (2008): "[SST and North American Tropical Cyclone Landfall: A Statistical Modeling Study](#)"

Khare, S.P., Bonazzi, A., West, N., Bellone, E., Jewson, S. (2007): "[On the Modelling of Over-Ocean Hurricane Surface Winds and their Uncertainty](#)", Quarterly Journal of the Royal Meteorological Society

Lonfat, M., A. Boissonnade, R. Muir-Wood (2007): "[Atlantic Basin, U.S. and Caribbean Landfall Rates Over the 2006-2010 Period: An Insurance Industry Perspective](#)", Tellus A, 59(4), 499-510.

Coughlin, K. (2007): "[Using the QBO to Predict the Number of Hurricanes Hitting the U.S.](#)"

Hall, T. and Jewson, S. (2007): "[SST and North American Tropical Cyclone Landfall: A Statistical Modeling Study](#)"

Hall, T. and Jewson, S. (2007): "[Statistical Modeling of North American Tropical Cyclone Tracks](#)": Tellus.

Nzerem, K., Jewson, S. and Laepple, T. (2007): "[Predicting Land-Falling Hurricane Numbers From Sea Surface Temperature: A Theoretical Comparison of Direct and Indirect Approaches](#)"

Laepple, T., Bellone, E., Jewson, S. and Nzerem, K. (2007): "[Correlations Between Hurricane Numbers and Sea Surface Temperature: Why Does the Correlation Disappear at Landfall?](#)"

Binter, R., Jewson, S., and Khare, S. (2007): "[Statistical Modeling of the Relationship Between Main Development Region Sea Surface Temperature and Land-falling Atlantic Basin Hurricane Numbers](#)"

Jewson, S. (2007): "[Predicting Hurricane Numbers from Sea Surface Temperature: Closed-Form Expressions for the Mean, Variance and Standard Error of the Number of Hurricanes](#)"

Laepple, T., Jewson, S., Penzer, J., Bellone, E. and Nzerem, K. (2007): "[Predicting Landfalling Hurricane Numbers from Basin Hurricane Numbers: Basic Statistical Analysis](#)"

Laepple, T. and Jewson, S. (2007): "[Five Year Ahead Prediction of Sea Surface Temperature in the Tropical Atlantic: A Comparison Between IPCC Climate Models and Simple Statistical Methods](#)"

Laepple, T., Jewson, S., Meagher, J., O'Shay, A. and Penzer, J. (2007): "[Five Year Prediction of Sea Surface Temperature in the Tropical Atlantic: A Comparison of Simple Statistical Methods](#)"