Research articles

We have compiled a list of scientific papers, conference presentations and other reports of research using TIGGE data. We survey the literature every year or so to update the list, but we encourage all researchers using TIGGE data to inform us, so that we can publicise your work more quickly via this website.

How to refer to TIGGE in a paper

TIGGE DOI for scientific papers: https://doi.org/10.1175/2010BAMS2853.1

Please use the following acknowledgement to refer to TIGGE:

"This work is based on TIGGE data. TIGGE (The Interactive Grand Global Ensemble) is an initiative of the World Weather Research Programme (WWRP)."

It is important to mention the data source of your research to be able to keep the TIGGE project alive for longer.

Regarding dataset source, please cite:


[* below means number of articles weakly related to TIGGE]

2019

(2)


2018

(26)

2016

- **Colby, Frank P. Jr., 2016: Tropical Cyclone Track and Intensity Errors in the 2015 NCEP Global Ensemble Model, Proceedings of the 32nd Conference on Hurricanes and Tropical Meteorology, San Juan, PR, 18-22 April, 2016
- **Don, P.K., J.L. Evans, F. Chiaramonte, and A.M. Kowaleski** (2016), Mixture-Based Path Clustering for Synthesis of ECMWF Ensemble Forecasts of Tropical Cyclone Evolution. Monthly Weather Review
- **Dong, L. and F. Zhang** (2016), OBEST: An Observation-Based Ensemble Subsetting Technique for Tropical Cyclone Track Prediction, Weather and Forecasting

2015

- **Carolyn A. Reynolds, Elizabeth A. Satterfield, Craig H. Bishop** (2015), Using Forecast Temporal Variability to Evaluate Model Behavior, Monthly Weather Review
- **Colby Jr, F. P.** (2015), Global Ensemble Forecast Tracks for Tropical Storm Debby. Weather and Forecasting, e-View, doi: http://dx.doi.org/10.1175/WAF-D-14-00083.1
• Colby, Frank P., Jr., 2015: Analysis of Ensemble Forecasts for Hurricane Isaac. Proceedings of the 16th Conference on Mesoscale Processes, Boston, MA August 3 – 6, 201


• Frank P. Colby Jr (2015), Global Ensemble Global Tracks for Tropical Storm Debby, Weather and Forecasting


• Munehiko Yamaguchi, Frédéric Vitart, Simon T. K. Lang, Linus Magnusson, L. Elsberry, Grant Elliott, Masayuki Kyouda, Tetsuo Nakazawa (2015), Global Distribution of the Skill of Tropical Cyclone Activity Forecasts on Short- to Medium-Range Time Scales, Weather and Forecasting


• Ruoyun Niu, Panmoo Zhai, Baiquan Zhou (2015), Evaluation of Forecast Performance of Asian Summer Monsoon Low-Level Winds Using the TIGGE Database. Weather and Forecasting


2014

(34, *0)


2013

(30, 9)


2009

(14, *1)


2009


2008


2007


2006

• Matsueda, M., M. Kyouda, H.L. Tanaka and T. Tsuyuki, 2006: Multi-Center Grand Ensemble using Three Operational Ensemble Forecasts. SOLA, 2, 33-36 http://www.jstage.jst.go.jp/article/sola/2/0/2_33/_article

2005

(1. *0)