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:


[ 2019 ] [ 2018 ] [ 2017 ] [ 2016 ] [ 2015 ] [ 2014 ] [ 2013 ] [ 2012 ] [ 2011 ] [ 2010 ] [ 2009 ] [ 2008 ] [ 2007 ] [ 2006 ] [ 2005 ]

("* below means number of articles weakly related to TIGGE)

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- S. Karuna sagar et.al. (2017), Prediction skill of Rainstorm events over India in the TIGGE weather prediction models, Atmospheric Research, 190, 194-204.
• Ying, Y. and F. Zhang (2017), Practical and Intrinsic Predictability of Multiscale Weather and Convectively Coupled Equatorial Waves during the Active Phase of an MJO, Journal of the Atmospheric Sciences
• Yamaguchi, M. and N. Koide (2017), Tropical Cyclone Genesis Guidance Using the Early Stage Dvorak Analysis and Global Ensembles, Weather and Forecasting
• Xiping Zhang and Hui Yu (2017), A Probabilistic Tropical Cyclone Track Forecast Scheme Based on the Selective Consensus of Ensemble Prediction Systems, Weather and Forecasting

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• 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. Chiaromonte, 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
• Herrera, M.A., I. Szunyogh, and J. Tribbia (2016), Forecast Uncertainty Dynamics in the THORPEX Interactive Grand Global Ensemble (TIGGE), Monthly Weather Review
• Tsing-Chang Chen, Jenq-Dar Tsay, Eugene S. Takle (2016), Mixture-Based Path Clustering of Multimodel Ensemble Forecasts of Hurricane Sandy: Partition Characteristics, Monthly Weather Review
• Yang Bo, Sun Jisong, Mao XuLin yinjing. During Summer Developed from Diagnostic Analysis, Weather and Forecasting
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• Carolyn A. Reynolds, Elizabeth A. Satterfield, Craig H. Bishop (2015), Using Forecast Temporal Variability to Evaluate Model Behavior, Monthly Weather Review
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- Frank P. Colby Jr (2015), Global Ensemble Forecast Tracks for Tropical Storm Debby, Weather and Forecasting
- Muneheiko Yamaguchi, Frédéric Vitart, Simon T. K. Lang, Linus Magnussen, Russell 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 Dataset, Weather and Forecasting

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Duan, Yihong, Jiandong Gong, Jun Du, Martin Charron, Jing Chen, Guo Deng, Geoff DiMego, Masahiro Hara, Masaru Kunii, Xiaoli Li, Yinglin Li, Kazuo Saito, Hiromu Seko, Yong Wang, Christoph Wittmann, 2012, An Overview of the Beijing 2008 Olympics Research and Development Project (808RD), Bulletin of the American Meteorological Society, 93 (3), 381-403. doi: http://dx.doi.org/10.1175/BAMS-D-11-00115.1


2011

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• 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 http://www.jstage.jst.go.jp/article/sola/2/0/2_33/_article

2005

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