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)

2019

(2)


2018

(26)


2017


Leonardo, N.M. and B.A. Colle (2017), Verification of Multimodel Ensemble Forecasts of North Atlantic Tropical Cyclones, Weather and Forecasting


S. Karna sagar et al.,(2017), Prediction skill of Rainstorm events over India in the TIGGE weather prediction models, Atmospheric Research, 190, 194-204.
2016

- Don, P.K., J.L. Evans, F. Chiaroni, and 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
- Tsing-Chang Chen, Jeng-Dar Tsay, Eugene S. Takle (2016), A Forecast Advisory for Afternoon Thunderstorm Occurrence in the Taipei Basin during Summer Developed from Diagnostic Analysis. Weather and Forecasting
- Zhou, B. and P. Zhai (2016), A New Forecast Model Based on the Analog Method for Persistent Extreme Precipitation. Weather and Forecasting

2015


• 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 Forecast Tracks for Tropical Storm Debby, Weather and Forecasting


• Muneihowki Yamaguchi, Frédéric Vittart, Simon T. K. Lang, Linus Magnusson, 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, Panmiao Zhai, Baiquan Zhou (2015), Evaluation of Forecast Performance of Asian Summer Monsoon Low-Level Winds Using the TIGGE Dataset, Weather and Forecasting


### 2014

(34, *0)


2013

(30,’9)


2012

2008


2007

(17, *4)

2bQP6aumb8IUHUwAvwdmPmmQRMexIAlJvByUVMB%2Fpcaty2WQQAy1D%2fu4Nhwa%3d%3d&crl=c

2006

(1, *0)

• 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)