

Curriculum Vitae

Yang Chen
China

1. Basic Information

Name: Yang Chen (Given name-Family name)

Gender: Male

Date of Birth: 26/04/1987

Nationality: Chinese

Affiliation: Chinese Academy of Meteorological Sciences

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2. Education

Ph. D., 2013-2016, Department of Atmospheric Science, Nanjing University of Information Science & Technology;
Visiting Ph. D. student, January-April, 2015, School of Geosciences, The University of Edinburgh

M. S., 2010-2013, Chinese Academy of Meteorological Sciences

B. S., 2006-2010, Department of Atmospheric Science, Nanjing University of Information Science & Technology

3. Research Interests

- Climate extremes and climate change, especially in precipitation extremes and heat waves
- Mechanisms and precursors for persistent extremes, and prediction of extremes with lead time of 1-2 weeks
- Intraseasonal oscillations, such as the Madden-Julian oscillation (MJO) and boreal summer intraseasonal oscillation (BSISO), and their impacts on climate extremes

4. Recent peer-reviewed publications

Chen Y., and P. M. Zhai, 2016: Mechanisms for Concurrent Anomalies of the Western Pacific Subtropical High and the South Asia High Responsible for Persistent Extreme Precipitation in the Yangtze River Valley. *Clim. Dyn.*, doi:10.1007/s00382-015-2885-6.

Chen Y., and P. M. Zhai, 2016: Low-frequency oscillations of East Asia/Pacific teleconnection and simultaneous weather anomalies/extremes over eastern Asia, *Int. J. Clim.*, doi:10.1002/joc.4703.

Chen Y., and P. M. Zhai, 2015: Synoptic-scale precursor features of East Asia/ Pacific

teleconnection pattern responsible for persistent extreme precipitation in the Yangtze River Valley. *Quart. J. Roy. Meteor. Soc.*, 141(689), 1389-1403.

Chen Y., and P. M. Zhai, 2014: Two types of typical circulation patterns for the persistent extreme precipitation in Central-Eastern China. *Quart. J. Roy. Meteor. Soc.*, 140:1467-1478.

Chen Y., and P. M. Zhai, 2014: Precursor circulation features for persistent extreme precipitation in Central-Eastern China. *Wea. Forecasting*, 29, 226-240.

Chen Y., and P. M. Zhai, 2014: Changing Structure of Wet Spells across Southwest China during 1961-2012. *Clim. Res.*, 61: 123-131.

Chen Y., and P. M. Zhai, 2013: Persistent extreme precipitation events in China during 1951–2010. *Clim. Res.*, 57, 143-155.

Chen, Y., and P. M. Zhai, 2011: Interannual to decadal variability of the winter Aleutian Low intensity during 1900-2004. *Acta Meteor. Sinica*, 25(6), 710-724.

5. International Conferences

2015.10, Kyoto University, Japan, Asian Meteorology Conference, Oral;

2015.2, The University of Edinburgh, UK, Contemporary Conference on Climate Change, Oral;

2014.8, Hague, the Netherland, GEWEX Meeting, Poster;

2013.11, Nanjing, China, China-Japan-Korea-Joint Conference on Meteorology, Oral