

SHANG-PING XIE

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EDUCATION

B.Sc. 1984 Ocean University of China, Qingdao, China

Ph.D. 1991 Tohoku University, Sendai, Japan

EMPLOYMENT

2012 – Professor, University of California San Diego

1999-12 Professor; Associate Professor (1999-02), University of Hawaii

1994-99 Associate Professor, Hokkaido University, Japan

1993-94 Research Associate, University of Washington

1991-93 Visiting Scientist, Princeton University

HONORS

Chinese Ministry of Education Overseas Graduate Scholarship, 1985-1986

Japanese Ministry of Education Graduate Scholarship, 1986-1991

Medal of the Meteorological Society of Japan (highest research honor of the Society) for
“contributions to the understanding of ocean-atmosphere interaction that shapes
climate and its variability”, 2002

Cheung Kong Scholar (100 awards each year in all fields of studies), Chinese Ministry of
Education, 2008

Roger Revelle Chair in Environmental Science, 2012 –

National Science Foundation Special Creativity Award, 2013

Highly Cited Researcher 2014, Thomson Reuters

PROFESSIONAL SERVICE

Co-chair, NCAR CESM Climate Variability and Change Working Group, 2013-

Member, CLIVAR Climate Dynamics Panel, 2015-

Panelist, NOAA five-year lab review of Geophysical Fluid Dynamics Laboratory, 2014

Panelist, NOAA review of North American Multi-Model Ensemble Prediction Program,
2014

Lead author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment
Report (Working Group I): Chapter 14, 2010 – 2013; Technical Summary &
Summary for Policy Makers, 2011 – 2013

Invited participant as WGI representative, IPCC Plenary, Stockholm, September 2013

American Geophysical Union (AGU) Roger Revelle Medal Committee, 2010 – 2012

Councilor, the Oceanographic Society of Japan, 2007-2014

Member, NOAA Climate Prediction Program for the Americas Science Panel, 2006 –
2008

Member, US CLIVAR Process Studies and Model Improvement Panel, 2005 – 2007

Member, US CLIVAR Pan American Implementation Panel, 2000-2004

Session convener, AGU Fall Meeting (2012, 2010, 2005, 2002), AGU Spring Meeting (2004), AGU Ocean Sciences Meeting (2014, 2012, 2006), AGU Western Pacific Geophysical Meeting (2012, 2010, 2008, 2006, 2004, 2000), AMS Annual Meeting (2015), IAMAS General Assembly (2013), IUGG General Assembly (2015), Meteorological Society of Japan Spring Meeting (2006, 2004), Oceanographic Society of Japan Spring Meeting (2010)

EDITORIAL SERVICE

Editor, *Advances in Atmospheric Sciences*, 2016 –

Editor, *PLOS ONE*, 2014 –

Editor, *Journal of Climate*, 2006 – 2010

Volume editor, *Earth Climate: The Ocean-Atmosphere Interaction*, AGU Monograph (vol. 147, pp. 414), 2003-04

Editor, *Journal of the Meteorological Society of Japan*, 2000 – 2006

Peer reviewers for 67 scientific journals in atmospheric, ocean, and climate sciences

PROFESSIONAL MEMBERSHIP

American Geophysical Union, American Meteorological Society, American Association for the Advancement of Science, Oceanographic Society of Japan, and Meteorological Society of Japan

INVITED CONFERENCE TALKS (since 2013)

Australian Meteorological and Oceanographic Meeting (keynote, February 2016), AGU Fall Meeting 2015 (2 talks, 1 panel discussion), ITCZ workshop at Columbia University (keynote, September 2015), NRC workshop on decadal variability (September 2015), U.S. CLIVAR summit (August 2015), Aspen Conference on decadal variability (June 2015), Monsoon workshop (June 2015, CalTech), AGU Fall Meeting 2014, Cane Symposium (October 2014), AGU Ocean Sciences Meeting (February 2014), AGU Fall Meeting 2013 (3 talks), NASA CERES Science Team meeting (October 2013)

INVITED SEMINARS (since 2013)

Distinguished Lecture (U Washington, April 2016), Baum Lecture (FSU, February 2016), Harvard (October 2015), U Tsukuba (March 2015), Georgia Tech (February 2015), UC Irvine (February 2015), U Texas Austin (April 2014), Duke (April 2014), Caltech (February 2014), UC Berkeley (February 2013)

PH.D. STUDENTS (CO-)ADVISED

Graduated (10): Masaru Inatsu¹ (2003, Hokkaido U), Yuko Okumura² (2005, U Texas Austin), Bunmei Taguchi (2006, Japan Agency for Marine-Earth Sci & Tech, JAMSTEC), Hideki Okajima (2006, JAMSTEC), C.-S. Chang (2009, Nat'l Taiwan U), Jian Ma (2012, Shanghai Ocean U); Xiaotong Zheng (2010), Jingwu Liu, Lixiao Xu (2014, Ocean U China), Yun Yang (2015, Beijing Normal U)

Current: Anna Merrifield³, Dillon Amaya³, Ray Shi; Shang-Min Long, Zhen-Qiang Zhou, Chuan-Yang Wang, Yu Zhang

POSTDOC MENTORED

Past (23): Masami Nonaka⁴ (JAMSTEC), Gang Huang⁵ (Inst. Atmos, Phys., IAP), Justin Small (Nat'l Center for Atmos. Res.), Haiming Xu (Nanjing U Info Sci & Tech), Simon de Szoeke (Oregon State U), Yan Du⁵ (South China Sea Inst Oceano, SCSIO), Yang Yang (NIWA), Takeaki Sampe¹ (Aizu U), Ingo Richter (JAMSTEC), Guihua Wang⁵ (Second Inst Oceano), Hiroki Tokinaga^{1,6,7} (Kyoto U), Hyodae Seo² (Woods Hole Inst Oceano), Jasti Chowdary (Indian Inst Trop Met), Xuhua Cheng (SCSIO), Yu Kosaka¹ (U Tokyo), Jinbao Li (U Hong Kong), Tomomichi Ogata (U Tsukuba), Neven Fuckar (Barcelona Supercomputing Center), Gen Li (SCSIO), Hyo-Seok Park (Korean Inst Geosci), Nat Johnson (Princeton U), Yen-Ting Hwang (Nat'l Taiwan U), Kaiming Hu (IAP)

Current: Wei Mei, Wei Liu, Tom Kilpatrick, Xichen Li⁸, Jiaxin Feng, Nick Siler, Wenyu Zhou

1. Yamamoto-Shyono Medal for young scientist, Meteorological Society of Japan
2. NOAA Climate & Global Change postdoctoral fellow
3. NSF graduate fellow
4. Horiuchi Medal for cross-disciplinary research, Meteorological Society of Japan
5. Distinguished Young Scholar, Natural Science Foundation of China
6. Okada Medal for young scientist, Oceanographic Society of Japan
7. Young Scientist Prize, Japanese Ministry of Education, Science and Technology
8. Scripps postdoctoral fellow