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Zhengyu Liu
Curriculum Vitae
Max Thomas Professor of Climate Dynamics
Atmospheric Science Program, Department of Geography
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Education

Ph.D., Physical Oceanography, MIT (Advisor: J. Pedlosky)   1991
M.S., Dynamic Meteorology, Chinese Academy of Science   1985
B.S., Applied Mathematics, Nanjing Institute of Meteorology, China   1982

Professional Appointments

2017-   Max Thomas Professor of Climate Dynamics, Ohio State University
2002-2017   Professor, University of Wisconsin-Madison
2002-2011   Director, Center for Climatic Research, UW-Madison
1999-2001   Associate Director, Center for Climatic Research, UW-Madison
1998-2001   Associate Professor, University of Wisconsin-Madison
1993-1998   Assistant Professor, University of Wisconsin-Madison
1991-1993   Postdoctoral Fellow, Princeton University
1985-1987   Lecturer of Meteorology, Graduate School, Chinese Academy of Sciences

Research Interests

Ocean-atmosphere-land interactions and climate dynamics
Dynamics of oceanic circulation
Paleoclimate modeling
Earth system modeling

Honors

Fellow, American Association for the Advancement of Science, 2020
Fellow, American Meteorological Society, 2012
Fellow, American Geophysical Union, 2010
Vilas Associate Award-UW-Madison, 2000-2003
Young Investigator Award /Office of Naval Research, 1995
NOAA Postdoctoral Fellowship on Climate Change, 1991

Other Scholarly Activities

Advisory Committee, Chinese Quaternary Science Society, 2016-
Associate Editor, Transaction of Atmospheric Sciences, 2015-
Associate Editor, Earth Environmental Sciences, 2014-
Associate Editor, Journal of Meteorological Research, 2014-
Advisory Committee, Chinese Climate Modeling Consortium, 2012-2018
Chinese Ministry of Education, 1000-talent scholar, Peking University, 2011
Advisory Committee, Earth Environmental Institute, Chinese Academy of Sciences, 2010-
Visiting scientist, GFDL/NOAA, 2009
Senior visiting scientist, MPI/Hamburg/Germany, 2008-2009
Faculty fellowship award, NCAR, 1995,1996, 2002, 2008
Member, Grand Challenge Task force, DOE, 2008

Member, Post-ESH working group, 2007
Member, NSF paleo-proxy working group, 2005
Co-chair, CCSM paleoclimate working group, 2005-2008
Member, U.S. CLIVAR-Pacific steering committee, 2004
Member, Tropical past climate working group, 2003
Senior Visiting Professor Award, The University of Tokyo, Japan, 2002
Chinese Ministry of Education, Yangtze scholar, Ocean University of China, 2001
Member, Marine Earth System History steering committee, 2001
Member, Shallow STC and Climate working group, 2000
Honorary Professor, Institute of Environmental Sciences, Chinese Academy of Sciences, 00-
Excellent Overseas Chinese Scientist Award, Chinese NSF, 2000
Vilas Associate Professor, UW-Madison, 1999
Member, U.S. PAGE/CLIVAR working group, 1999
Member, Graduate School Research Committee, UW-Madison, 1999-2002
Member, Steering Committee, Asian Partnership Program/UW-Madison, 1999-2004
Visiting Scientist, IPRC, University of Hawaii, 1999
Member, Advisory Panel of NCAR Supercomputing, 1998-00

Citation Information
Source: Google Scholar Citation (as of Sept. 16, 2021)

	All	Since 2016
Citations	19527	9863
h-index	71	46
i10-index	255	190

Courses Taught
UW-Madison
AOS171: Global Climate Change
AOS528: Past Climate Changes
AOS611: Geophysical Fluid Dynamics II: Large-Scale Dynamics
AOS660: Introduction to Physical Oceanography.
AOS761: Dynamics of General Oceanic Circulation.
AOS760: Ocean-Atmosphere Interaction and Global Climate Variability
AOS801: Advanced Topics in Ocean Dynamics
AOS801: Data Assimilation and Weather/Climate Prediction
AOS900: Seminar in Classical Problems in Meteorology
AOS901: Seminar in Advanced Dynamics
AOS910: Seminar in Global Climate
AOS960: Seminar in Oceanography
OSU
ASP5952: Dynamic Meteorology I
ASP5951: Dynamic Meteorology II
GEOG8902: Combining Data and Model: Data Assimilation
GEOG8901: Global Climate Change