

**Zhengyu Liu**

## Curriculum Vitae

Max Thomas Professor of Climate Dynamics  
 Atmospheric Science Program, Department of Geography  
 The Ohio State University, 154 N. Oval Mall, Columbus, OH 43210  
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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: Web of Science (as of Jan. 2021)

Total publications: 367

H-index: 64

Total citations: 15,119 (13,860 without self-citation),

Total citing articles: 10,183 (9,903 without self-citation)

Source: Google Scholar Citation (as of Jan. 14, 2021)

	All	Since 2016
<u>Citations</u>	17727	8181
<u>h-index</u>	68	42
<u>i10-index</u>	249	173

### 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