

## 許晃雄教授 (Huang-Hsiung Hsu, Ph.D.) 簡介



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### ■ Education:

- B.Sc. Atmospheric Sciences, National Taiwan University, Taipei, Taiwan (1978)
- Ph.D. Atmospheric Sciences, University of Washington, Seattle, USA (1986)

### ■ Professional Positions:

- Deputy Director, Research Center for Environmental Changes, Academia Sinica (2013/1-)
- Research Fellow, Research Center for Environmental Changes, Academia Sinica (2011/8-)
- Chairman, Department of Atmospheric Sciences, National Taiwan University (2002/8 - 2005/7)
- Professor, Department of Atmospheric Sciences, National Taiwan University (1992/8- 2011/7; associate, 1989/3- 1992/7 )
- Editor, Asia-Pacific Journal of Atmospheric Sciences, Springer, 2012-2015
- Editor, Scientific On-line Letters on Atmosphere, the Meteorological Society of Japan, 2012-present
- Associate Editor, Monthly Weather review, 2011
- Executive Editor, *Recent Progress in Atmospheric Sciences- Applications to the Asia-Pacific Region*, World Scientific, 2008
- Member, Advisory Committee for the Publication of Terrestrial Ocean and Atmosphere
- Member, Modeling and Prediction Group, Asian Monsoon Year, CLIVAR
- Member, TAO Array Implementation Panel, 1998-2000
- Member, Expert Team on Climate Impacts on Monsoon Weather World Weather Research Program Monsoon Panel, WMO, 2007-2011
- PI, AMIP and CMIP diagnostics subproject "GCM Simulation of East Asian Climate"
- Leader, Taiwan's participation in Driftsonde program of THORPEX (2008)
- Leader, Taiwan's participation in TOGA/COARE (1992/93)
- Member, several Taiwan national committees, e.g., IGBP, IHDP, IUGG, IAMAS, Disaster Mitigation Consultation, National Center for High-performance Computing
- PI and Co-PI in two national core projects on climate change
- Chief Editor and lead author of two national scientific reports: *Scientific Report on Typhoon Morakot*, and *Climate Change in Taiwan: Scientific Report 2011* (both in Chinese)
- Leader, Development of Taiwan Earth System Model (TaiESM) and Taiwan's participation in CMIP6

■ **Research Interests:**

- Climate Variation and Change
- Atmosphere-Ocean Teleconnection
- Monsoon

■ **Honors And Awards:**

- Fellow, Meteorological Society of the Republic of China