

Profiles of Speakers (Air/ Ocean/ Land Interactions)

Speaker:

Professor Jiayi PAN

Associate Professor

Institute of Space and Earth Information Science

The Chinese University of Hong Kong



Topic:

Wind Response to Mesoscale Ocean Temperature Front and Simulation of the Pearl River Plume for Summer Period

Biography:

Prof. Pan obtained the Ph. D. in physical oceanography from the Institute of Oceanology, Chinese Academy of Science in 1996. Then he went to College of Marine Studies, University of Delaware for post-doc researches on applications of satellite data to large-scale ocean dynamics and air-sea interaction. From 2002 to 2004, he had worked at Department of Marine Science, University of Southern Mississippi on developing novel air-sea momentum interaction models. In 2005, he joined in the hydrodynamic processes and ecosystem group at the Portland State University as a senior researcher, where his studies covered estuary and plume dynamics, internal waves, and turbulent mixing. Since 2009, he has worked at Institute of Space and Earth Information Science, the Chinese University of Hong Kong as an associate professor in to continue his oceanographic researches.

His main research interests are in the area of coastal ocean dynamics, satellite oceanography, marine remote sensing physics, ocean numerical modeling, air-sea interaction, and ocean waves.