

DAKE CHEN

Dr. Dake Chen is currently the director of the State Key Laboratory of Satellite Ocean Environment Dynamics in Hangzhou, China, and also Doherty Senior Research Scientist at the Lamont-Doherty Earth Observatory of Columbia University in New York, USA. He received his Ph.D. in physical oceanography from Stony Brook University in 1989, and has worked in the fields of oceanography and climate science ever since.

Dr. Chen's research interest is wide-spreading, ranging from turbulent mixing in estuaries and shallow seas to global climate fluctuations associated with El Nino and the Southern Oscillation (ENSO). His most significant contributions include a number of high-impact studies of ENSO prediction and predictability, a novel approach to the parameterization of oceanic vertical mixing, and a series of work on coastal ocean dynamics.

At present, Dr. Chen serves as a member of PICES POC committee, WCRP China sub-committee, and SCOR China sub-committee. He plays an instrumental role in promoting and organizing several national campaigns in ocean and climate research, with an emphasis on the roles of the upper ocean in short-term climate changes, and in the development of tropical cyclones.