

## **Dunxin Hu, Institute of Oceanology, CAS**



Hu, Dunxin, Academician of CAS, honorary president of Chinese Society for Oceanology and Limnology, chairman of Joint Center for Ocean Circulation and Climate/Environment Studies, and chief editor for “Chinese Journal of Oceanology and Limnology”. He served as deputy director and chairman of academic committee of IOCAS and on 12 international scientific committees such as IGBP.

Research fields include ocean circulation and climate, global change, and so forth. Initiated and engaged in a number of research projects in China. Discovered and named Mindanao Undercurrent (MUC) in the Pacific Ocean, revealed the first eddy in China seas “the Cold Eddy in the East China Sea” opening up mesoscale eddy study in China, proposed non-wind-driven theory on coastal upwelling off Zhejiang revising the traditional upwelling theory, and promulgated and dynamically described role of upwelling in fine grain sedimentation on continental shelf. Participated in design, draft and implementation of a number of international joint programs such as TOGA, TOGA-COARE, WOCE, and JGOFS and introduced them to China making significant contribution to oceanography. Published about 180 scientific papers and 6 books. Recently initiated NPOCE (Northwestern Pacific Ocean Circulation and Climate Experiment) an international joint program and chairing its SSC.