

Report of Joint International Workshop on Climate Change and Ocean Carbon

April 3-6, 2011, at Xiamen University, Xiamen China.

W. Timothy Liu (VIII/9)



This workshop is a continuation of two international programs - the Ocean and Climate Changes Observed from Space (OCCOS) and Carbon Cycling in China Seas - Budget, Controls and Ocean Acidification (CHOICE-C). It is co-sponsored by ISPRS. The workshop coincides with the celebration of the 90 Anniversary of Xiamen University. The workshop was well attended by more than 150 international participants, including participants from U.S.A, Canada, Japan, Korea, Singapore, India, Nigeria, Hong Kong and Taiwan, in addition to participants from China. There were 117 scientific papers presented, with 34 selected for oral presentations and 83 as poster presentations. The workshop also included a number of panel discussions. The brochure of the Workshop is attached.

The Workshop provided an excellent overview of field observation, remote sensing, and modeling efforts of the marginal seas and coastal water of the Western Pacific. The results demonstrate the potential of improved understanding of the physical and biogeochemical processes in climate changes. It brought attention of the international community to the Chinese resources in monitoring ocean biology and carbon cycle, and the need for the Chinese to provide access of these valuable data sets to the international community.