

Announcement and Call for Papers

Conveners

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Joint-CRM

近海海洋研究与管理联合研究所
Joint Institute for Coastal Research and Management

Climate Change and Ocean Carbon - Field Observation, Remote Sensing and Modeling - A Joint International Workshop of OCCOS and CHOICE-C

Xiamen, China
April 3-4, 2011

OCCOS: 2nd International Workshop of Ocean and Climate Changes Observed from Space

CHOICE-C: Coastal Ocean Carbon Cycling-2nd International Workshop and International Scientific Advisory Committee Meeting of CHOICE-C (Carbon Cycling in China Seas-Budget, Controls and Ocean Acidification). Following this joint workshop, CHOICE-C International Scientific Advisory Committee Meeting will be held on April 5-6.

Workshop secretariat

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General information & workshop venue

This joint international workshop will bring together expertise and successful experience from the first international workshop of OCCOS (Ocean and Climate Changes Observed from Space) held in Xiamen Dec. 2008 and the CHOICE-C project ("Carbon Cycling in China Seas-budget, controls and ocean acidification", a Chinese National Basic Research Program and a SOLAS-endorsed project).

The joint workshop will primarily focus on climate change and ocean carbon by bringing together current knowledge from field observation, remote sensing and modeling. The workshop will be held April 3-4 of 2011 on campus of Xiamen University, Xiamen, China. Following this joint workshop, CHOICE-C International Scientific Advisory Committee (SAC) Meeting (being announced separately) will be held on April 5-6, also at the same venue in Xiamen University.

Scientific program & tentative workshop themes

The program will consist of invited plenary lectures, poster presentations and round-table discussions on topics of the invited lectures, led by top scientists in the field. Contributed talks and posters are welcome.

The official language of the Workshop will be English.

For more information about 1st **OCCOS**, please check:

<http://www.joint-crm.org/international-occos-workshop-hel-d-xmu-ud-joint-crm-itv>

For more information about **CHOICE-C** project, please check:

<http://973oceancarbon.xmu.edu.cn/>

For more information about 1st **CHOICE-C SAC Workshop**, please check:

<http://mel.xmu.edu.cn/englishweb/articlefile.asp?id=370>

Day 1 (April 3)

Theme 1: The Ocean & Climate Change

- Session 1: Climate changes update
- Session 2: The ocean's role-response and feedbacks
- Session 3: Meridional overturning circulation and climate
- Session 4: Remote sensing of air-sea interactions and the ocean interior

Theme 2: Observing Carbon from Space

- Session 1: CO₂ and fluxes
- Session 2: Other carbon parameters

Day 2 (April 4)

Theme 3: Coastal Carbon & Ocean Acidification

- Session 1: Air-sea CO₂ fluxes in coastal ocean – in situ measurements and remote sensing
- Session 2: Biological pump and coastal carbon cycling – from land input, primary production, community structure, and export production and carbon burial
- Session 3: Ocean acidification – from paleorecord to ecological effect
- Session 4: Continental shelf pump – from dynamic to carbon transport

If you intend to attend this workshop, please complete the form you received with this announcement and send it to our secretariat by January 31, 2011. You may also register on line at :

<http://mel.xmu.edu.cn/conference2011/applicationform.asp>.

