

**The Fourth Advisory/Management Committee Meeting of the Sino-Australian Research Centre for Coastal Management (SARCCM) and UNSW-OUC Collaborative Research Workshop (Jiaozhou Bay Project Kick-off Meeting)  
Ocean University of China, Qingdao 25 October 2013 Meeting Minutes**



***The Fourth Sino-Australian Research Centre for Coastal Management Advisory/Management Committee Meeting, Ocean University of China, Qingdao 25 October 2013.***

**The Advisory/Management Committee Meeting of the Sino-Australian Research Centre for Coastal Management (SARCCM) and UNSW-OUC Collaborative Research Workshop (Jiaozhou Bay Project Kick-off Meeting) were held in the No. 1 Meeting Room of the Library at Laoshan Campus of Ocean University of China (OUC). Prof. Hua Dai, Director of International Office of OUC, chaired the meeting. Attending the Advisory/Management Committee Meeting were: Prof. Dexing Wu (President of OUC/Advisory Committee Chair); Prof. Michael Frater (Rector of the University of New South Wales (UNSW) Canberra); Prof. David Raftos (from Sydney Institute of Marine Science); Prof. Xiulin Wang (Vice Chairman of Qingdao Chinese People's Political Consultative Conference (CPPCC)); and A/Prof. Xiao Hua**

Wang (SARCCM Director). Also in attendance were 39 experts and academics from the National Natural Science Foundation of China, the National Marine Environmental Forecasting Centre of the State Oceanic Administration (SOA), the National Marine Data and Information Service of SOA, the First Institute of Oceanography of SOA, the Yantai Institute of Coastal Zone Research of the Chinese Academy of Sciences (CSA), the Institute of Oceanology of CSA, the Qingdao Municipal Environmental Protection Bureau, the Qingdao Environmental Monitoring Centre and OUC's College of Physical and Environmental Oceanography, College of Chemistry and Chemical Engineering, College of Environmental Science and Engineering, College of Marine Geosciences, and the Law & Politics School.



**Pictured at *The Fourth Sino-Australian Research Centre for Coastal Management Advisory/Management Committee Meeting* held at Ocean University of China, Qingdao 25 October 2013 are (left to right front row): A/Prof. Andrew Neely, Prof. Warrick Lawson, Prof. David Lovell, Prof. Xiulin Wang, Prof. David Raftos, Prof. Michael Frater, Prof. Dexing Wu, Prof. Joseph Lai, A/Prof. Stuart Pearson, A/Prof. Xiao Hua Wang, Prof. Hua Dai and Prof. Michael O'Donnell.**

**The Meeting was opened by a speech delivered by Prof. Dexing Wu, President of OUC.** In the warm welcome by the President he said, "it was nice to see our old friends and to meet new friends also". He also welcomed the convocation of the Centre. He reiterated that in the support for the Centre full use of the strengths of both Universities were being made. He commended the organizers of the 4th Advisory/Management meeting held since the Centre's establishment and drew attention to the 10 research higher degree students recommended and the 8 student completions. He mentioned the staff and teaching exchange as a commitment to strengthen the international quality of courses and that they were popular with Chinese and international students. He mentioned the reporting of the Centre's work in contribution to Weihai Government BEZ construction, Qingdao City Construction Investment Group (QCCI) marina management, legislative proposals of Jiaozhou Bay (JZB), the countermeasures of Qingdao coast and land area, new integrated research on JZB. In his pledge of continued support he said, "I believe that SARCCM should take a more important role and this is important to the internationalization of OUC and to improve the management of China's coast zones".

- **Prof. Xiulin Wang, Vice Chairman of Qingdao CPPCC introduced the major issues and corresponding recommendations of the marine ecological civilization construction in Qingdao.**
- **Prof. David Raftos from Sydney Institute of Marine Science presented the marine issues in Sydney Harbour and a World Harbour Project.**

**A/Prof. Xiao Hua Wang, reported the major achievements of SARCCM in 2012-2013 and presented the Centre's Strategic Research Plan for the next five years.** He formally thanked President Wu and Rector Frater for their support of SARCCM, including the financial support of OUC and UNSW. He drew attention to the highlights of the last reporting period (a written report was provided separately). He mentioned specifically the completion of 4 higher degree research students, grants worth more than AU\$98k, 17 publications and 7 scientific meetings including a SARCCM delegation to the 2013 China Qingdao International Blue Economy Summit Forum 5-7 Nov 2013. Recent SARCCM research innovations include studies of effects of land reclamation on tidal dynamics and sedimentation in coastal areas. He reported a study showing an increase in tidal range of about 1 metre to the west coast of Korea due to a proposed reclamation on the east coast of China. The Centre's 5 years Strategic Research Plan was outlined and included:

- Continued recruitment of 2-4 research students per year
- *ECSS (Estuarine, Coastal and Shelf Science)* (ERA ranked A, Q1, IF = 2.32) Special Issue on 'Impact on coasts and their ecosystems in the Yellow and East China Sea by intensive anthropogenic activities'
- ARC linkage 2014-2017
- NSFC International Cooperation Project (2014-2019) based on JZB Integrated Research
- MOST 973 Impact of embayments (2015-2020), and
- Participation in SIMS World Harbour Project.

**Prof. Michael Frater, Rector of UNSW Canberra made concluding remarks.** He accepted the report, noted the growth of the Centre, and said the "foundation of the Centre and the work it does nourishes our Universities and is leading to important scientific results". He was impressed by the impact of the land reclamation research and said "I look forward to the work of the Centre and execution of the Strategic Plan that A/Prof. Wang has outlined. Through this we all look forward to an even closer relationship between UNSW and OUC".

**There were in total 16 academic presentations with themes on Jiaozhou Bay integrated research, large scale oceanic processes, climate change and its impact on coastal systems, and coastal monitoring and remote sensing.** Workshop participants demonstrated the research achievements on the long-term evolution of the environment in Jiaozhou Bay and also presented the research findings on the marine ecosystem of Jiaozhou Bay, nutrients in Dagu River watershed, and total pollutant loads control in Qingdao sea area. Prof. Guangxue Li gave a presentation on the coastline changes of Jiaozhou Bay and the evolution of its hydrodynamics. Prof. Shengkang Liang did a presentation on the long-term variation of seawater quality in Jiaozhou Bay and its coastline evolution. A/Prof. Xiao Hua Wang gave a talk on the land reclamation and its impact on hydrodynamics in Jiaozhou Bay. Prof. Yingjie Ma reviewed the legal issues of Jiaozhou Bay. A/Prof. Stuart Pearson suggested the experience of integrated coastal zone management in Australia could be adopted in the sustainable development of the Blue Economic Zone. As for the research achievements on climate change and its impact on coastal systems, Prof. Xiaopei Lin introduced the coastal ocean response to global climate change, Dr Xuanliang Ji presented the temporal and spatial variability of carbon cycle in the Northwestern Pacific, and Prof. Huiwang Gao showed the impact of terrigenous dust from China on chlorophyll in the northern Pacific. For the research achievements relating to the Chinese coastal zone, the participants gave presentations on evolution analysis of Chongming Dongtan Shoreline in the recent 39 years based on remote sensing, and the zooplankton community structure in the Yellow Sea and East China Sea for autumn 2007.

**The meeting had a discussion on publishing in the *ECSS (Estuarine, Coastal and Shelf Science) Special Issue*,** application for National Natural Science Foundation of China (NNSFC) International Collaboration Funding Program, "973" project application, and a World Harbour Project. Prof. Jianguo Ren, Director of NNSFC, advised that it would be more beneficial to apply for funding programs simultaneously from Chinese and Australian Foundations. Prof. Jianguo Ren also suggested applying for the key program in NNSFC and receiving support from the Chinese Foundation. Prof. Xiulin Wang, Vice Chairman of Qingdao CPPCC, suggested we should get support from the universities on the basis of key scientific programs and multi-disciplinary research, and also apply for NNSFC programs for basic research, and key technology R&D programs and local government programs for applied research. **Prof. David Raftos considered the Qingdao Port as one important research subject for the World Harbour Project and noted that SARCCM is a bridge for the cooperation between the Sydney Institute of Marine Science and OUC.** At the end of the meeting, Ms Lingli Yue, Qingdao Municipal Environmental Protection Bureau, expressed gratitude to both Chinese and Australian scientists for their advice on the development of Qingdao City.

## **Attendees**

### **SARCCM Advisory Committee members:**

- Prof. Dexing Wu, President, Ocean University of China
- Prof. Michael Frater, Rector, UNSW Canberra
- Assoc Prof. Xiao Hua Wang, Director UNSW SARCCM
- Prof. Ping Shi, The South China Sea Institute of Oceanology, Chinese Academy of Sciences (apology)
- Prof. Xiangmin Xu, Director OUC SARCCM (apology)
- Dr Junji Song, Director of General (2011-2013), Shandong Peninsular Blue Economic Zone Construction Office (apology)
- Mr BU Xiaohua, The Vice President, Qingdao City Construction Investment Group (QCCI) Industry advisor (apology)

### **Other participants:**

- Prof. Joseph Lai, Associate Dean (International), UNSW Canberra
- Prof. Warrick Lawson, Head of School of Physical, Environmental and Mathematical Sciences, UNSW Canberra
- A/Prof. Andrew Neely, Deputy Head of School of Engineering and Information Technology, UNSW Canberra
- Prof. David Lovell, Head of School of Humanities and Social Sciences, UNSW Canberra
- Prof. Michael O'Donnell, Head of School of Business, UNSW Canberra
- A/Prof. Stuart Pearson, SARCCM team member, UNSW Canberra
- Prof. David Raftos, Sydney Institute of Marine Science/Department of Biological Sciences, Macquarie University
- Prof Xiulin Wang, Vice Chairman, Qingdao Chinese People's Political Consultative Conference (former Vice Mayor, Qingdao)
- Prof. Jian-guo Ren, National Natural Science Foundation of China, Director
- Dr Wei Li, National Natural Science Foundation of China, Vice Director
- Ms Ling-lin Yue, Qingdao Municipal Environmental Protection Bureau, Deputy Director
- Ms Wen-lian Cui, Environmental Monitoring Centre of Qingdao, Deputy Director
- Prof. Guang-tao Zhang, Institute of Oceanology, CAS
- Prof. Zhi-jun Dong, Yantai Institute of Coastal Zone Research Zone Research, CAS
- Dr Xuan-liang Ji, National Marine Environmental Forecasting Center, SOA
- Dr Jun Song, National Marine Data and Information Service, SOA
- Prof. Ze-xun Wei, The First Institute of Oceanography, SOA
- Prof. Rong-jie Liu, The First Institute of Oceanography, SOA

- Prof. Hua Dai, Director International Office, OUC
- Prof. William Zou, International Office, OUC
- Ms Summer Zhao, International Office, OUC
- Prof. Huiwang Gao, OUC
- Prof. Guang-xue Li, OUC
- Prof. Xian-wen Bao, OUC
- Prof. Xiao-pei Lin, OUC
- Prof. Ying-jie Ma, OUC
- A/Prof. Lulu Qiao, OUC
- A/Prof. Hong-ju Chen, OUC
- A/Prof. Sheng-kang Liang, OUC
- A/Prof. Ke-Qiang Li, OUC
- A/Prof. Yan-bin Li, OUC
- Dr Chao Ma, OUC
- Dr Wen Wu, OUC
- Dr De-hai Song, OUC
- Dr Zhao-su Meng, OUC
- Ms Sheng-nan Chen, UNSW/OUC



OUC Senior Management & UNSW Canberra alumni attended a formal dinner hosted by Rector Prof. Michael Frater at the China Hall, Shangri-la Hotel, Qingdao, on 24 October 2013. The Rector noted this was, to his knowledge, the first UNSW research student alumni meeting in China and outside of Shanghai.