**Climate Change and Intertidal Communities: an integrated approach to monitor species responses at the physiological, individual and community level towards a long-term monitoring system at a marine station**

**June 27-June28, 2012, Xiamen, China**

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| **Date** | **Time** | **Schedule** | **Chair** |
| **June 27** |
| 08:30 am | Welcome speechProf. Minhan Dai, Director of State Key Laboratory of Marine Environmental Science Xiamen University | Prof. Yun-wei Dong |
| 08:40 am-9:20 am | **Title：**Forecasting physiological impacts of climate change: moving beyond mortality using biophysical modeling**Speaker：**Prof. Brian Helmuth, University of South Carolina |
| 9:20 am -10:00am  | **Title：**Life at the edge, thermal stress and marginal populations.**Speaker：**Chair Prof. Christopher McQuaid, Rhodes University |
| 10:00 am-10:20 am | Tea break and Photograph |
| 10:20 am-11:00 am | **Title：**Thermal performance and energy balance in intertidal snails: comparisons with other ectotherms and implications for climate warming vulnerability**Speaker：**Dr. David Marshall , Universiti Brunei Darussalam | Prof. Brian Helmuth |
| 11:00 am-11:40 am | **Title：**Sediments and sediment transport in the Taiwan Strait**Speaker：**Prof. Li yan, Xiamen University |
| 11:40 am -12:20 am | **Title：** "Environmental-aware MAC Protocols for Wireless Sensor Networks in Intertidal Zones**Speaker：**Dr. Wenyuan Xu, University of South Carolina |
| Lunch |
| 02:00 pm-02:30 pm | **Title：**Genetic diversity and biogeography of intertidal barnacles in the Asia**Speaker：**Dr. Tsang Ling Ming, The Chinese University of Hong Kong | Prof. Christopher McQuaid |
| 02:30 pm -03:00 pm | **Title：**Effects of Heating Rate in Air on the Cardiac Responses of Intertidal Mussels**Speaker：**Dr. Mackenzie Zippay and Nicholas P. Burnett, University of South Carolina |
| 03:00 pm -03-30 pm | **Title：** Little snails and large scales: an ongoing collaborative effort to study the thermotolerance of *Echinolittorina* spp. in the Indo-West Pacific**Speaker：**Dr. Stephen Cartwright, The University of Hong Kong |
| 03:30 pm -03:50 pm | Tea break |
| 03:50 pm -04:10 pm | The construction plan of Dongshan Station Prof. Yun-wei Dong, Xiamen University |  |
| 04:10 pm -05:30 pm | Brainstorm about the Long-term monitoring system |  |
| 06:00 pm | Dinner |  |
| **June 28** |
| 09:00 am-10:40 am | Open discussion: the design plan about the long-term monitoring system  | Prof. Gray A. Williams |
| 10:40 am -11:00 am | Tea break |
| 11:00 am -12:00 am | Summary of Climate Change and Intertidal Communities WorkshopProf. Gray A. Williams & Yun-wei Dong |  |
| 12:20 am | Lunch |

Seminar room: B206, Zeng Chengkui Building

Sponsors:

State Key Lab of Marine Environmental Science, Xiamen University

Marine Biodiversity and Global Change Laboratory, Xiamen University

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