



**THEME**

---

*'Designing a holistic socio-ecological research program on the marginal seas for sustainability in Asia'*

Photo by Sheen Cabacaba

**26 - 28 SEPTEMBER 2016**

**SIMSEA REGIONAL SYMPOSIUM 2016**



Venue at Microtel by Wyndham, Diliman, Quezon City, Philippines

**About SIMSEA**

The Sustainability Initiative In the Marginal Seas of South and East Asia is a new program of the International Council for Science Regional Office for Asia and the Pacific and its partners. It promotes inclusive and transdisciplinary research on the sustainability of marginal seas of South and East Asia following the design of Future Earth, the new international platform for research on global sustainability ([www.futureearth.org](http://www.futureearth.org)).

**Call for Session Proposals**

Deadline: 31 May 2016

---

**Hosted by:**

SIMSEA Regional Program

The Marine Science Institute, University of the Philippines-Diliman

SIMSEA Philippines

**SUSTAINABILITY INITIATIVE IN THE MARGINAL SEAS OF SOUTH AND EAST ASIA (SIMSEA)**

Room 209 The Marine Science Institute, University of the Philippines, Velasquez St., Diliman, 1101 Quezon City, Philippines

[www.simseasiapacific.org](http://www.simseasiapacific.org)

For more information:  
Dr. Annadel S. Cabanban  
[annadel.cabanban@gmail.com](mailto:annadel.cabanban@gmail.com)



**ICSU**  
International Council for Science  
Regional Office for Asia and the Pacific



## Symposium Objectives

- To build on the advances of research on earth system science to support knowledge needs for sustainability
- To bring together the best scientists, academe, policy and decision makers, and other stakeholders to explore opportunities for greater collaborative and integrative research for the sustainability of marginal seas
- To encourage consolidation of transdisciplinary research teams to undertake collaboration on the identified research areas
- To identify outstanding /strategic transdisciplinary research on environmental, developmental and societal issues
- To initiate the implementation of interdisciplinary/transdisciplinary investigations for the benefit of society

## Symposium sub-themes

The symposium will focus on sub-themes and areas of research to meet the goals of sustainable development (listed below in bold). Research topics related to each sub-theme include, but not confined to these topics, are in bullet points (see SIMSEA scope for 2015-2020, in [www.simseaasiapacific.org](http://www.simseaasiapacific.org)).

### **Ocean health, productivity of marine ecosystems and sustainable livelihoods**

- Tipping points and resilience of marginal seas in relation to global change
- Ocean health and its indicators in different regions

### **Climate change and variability, weather extremes**

- Extent of cumulative effects of climate change and extreme weather events on marine environments, biodiversity, humans, and livelihoods

### **Disaster management and adaptation in the coastal zones**

- Ecosystems and disaster risk reduction in the coastal zone
- Resilience of coastal communities

### **Socio-ecological dynamics of sustainable use of oceans, seas and coastal resources**

- Cultural and other determinants of unity and wise use of resources in the marginal seas
- Building local community capabilities towards sustainability
- Spatial and temporal scales for assessing sustainability of coastal and marine ecosystem services

### **Coastal pollution, degradation, and biodiversity loss**

- Impacts of priority pollutants on marine organisms and humans
- Relationships between rapid urbanization and extent of marine pollution effects associated with changing urban and rural landscapes

### **Ocean policy and trans-boundary flows**

- Fostering ocean views among resource planners, users, and managers
- Improving and achieving ocean governance

[Eligible session convenors will be provided with travel support \(if required\).](#)