





## Background

The Asia Pacific Seas are the center of marine biodiversity, and the diversity of the marine biota is potential source for various industrial developments, such as foods, pharmaceuticals, cosmetics, chemicals and bioenergy. However, this region is under high human induced stress, caused by over exploitation of marine resources for fisheries and ornamental trade, as well as sedimentation and pollution. Other threats are due to natural phenomena, such as global warming. The change of species composition may have an influence on the resilience of a whole ecosystem to disturbances and changing environmental conditions. By assessing the biodiversity (ecosystem, species, and gene) and the connectivity among marine organisms populations conclusions about their state and probability of resilience/ resistance to disturbances and changing conditions can be made.

Marine sciences and technology including marine biology, molecular taxonomy and biodiversity, marine biotechnology and bioremediation, oceanography and related topics are the key tools for the exploration and industrial development of the marine potential. Collaboration among scientists in this area is a key success for the above purposes, and there interregional and interdisciplinary collaboration in marine science is expected to foster research activity and its development, especially in tropical regions.

## Objective



Catalyze research in particular among Asia Pacific scientists and provide opportunities for re-searchers to share their ex-periences and information on the current research activities and its development on marine sciences and technology.



## Topics

- Marine biodiversity, policy and management
- Fisheries and marine technology
- Degradation of coastal ecosystems, pollution, eutrophication and habitat loss
- Coastal ecosystems in social and cultural contexts

## Participant



- Researchers, lecturers, and students involved in marine sciences and related area.
- Government and Industrial representatives.

## Sessions Program



### 1. Plenary Session

Plenary sessions of the colloquium contains keynote presentations by speakers from Singapore, USA and Indonesia.

### 3. Exhibition of products and research result

Exhibitions in this colloquium as a platform necessary scientific meeting and to strengthen net-working among stakeholders (researchers, industry, academia).

### 2. Oral presentation and Poster

This session will consist of the presentation of oral (20) and poster papers (60), according to the four (4) topics of papers carried on the colloquium. This session is a forum for dissemination of research and teaching on the topic of marine biodiversity, policy and management, fisheries & marine technology, degradation of coastal ecosystems, social economic and culture context of coastal ecosystems, and other related topics.



## Colloquium Charge

	Student	Non Student	Member	Non Member
Indonesian	IDR 150K	IDR 250K	USD30	USD50
Foreign				

#### Registration Payment:

Bank Name : Bank BNI  
Branch Office : Cabang Kampus IPB Dramaga Bogor  
Account name : Rekening Rektor IPB c/q KS-FPIK  
Account No. : 3889960

Please attach your copy of receipt with application form to: [bogor2016@scesap.org](mailto:bogor2016@scesap.org) and [scesap.ipb@gmail.com](mailto:scesap.ipb@gmail.com)

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