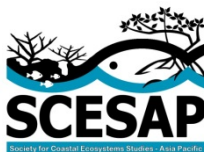


The Society for Coastal Ecosystems Studies - Asia Pacific



Biodiversity Symposium 2015 in Bangkok, Thailand

“Biodiversity in Asian Coastal Waters: Looking Towards the Future”

3-7 July 2015, hosted by Chulalongkorn University

(co-host: Ramkhamhaeng University)



Schedule

3 July	4 July (Tab Nilaniti Building)	5 July (Tab Nilaniti Bld.)	6 July (Mahamakut Bld.)	7 July	
	Opening session 9:00 - 12:00	Oral session 3 (A Tan HS) 9:00 - 10:30	Oral session 7 (Y Osawa) 9:00 - 10:30	Excursion 10:00 -	
		Coffee break			
		Oral session 4 (MN Aoki) 10:45 - 12:00	Oral session 8 (V Viyakarn) 10:45 - 12:00		
	Lunch				
Reception & welcome mixer 14:30-18:30 (Mahamakut Building)	Oral session 1 (T Yeemin) 13:30 - 14:45	Oral session 5 (HT Yap) 13:15 - 14:45	Oral session 9 (GN Nishihara) 13:15 - 14:45		
	Coffee break				
	Oral session 2 (+ SCESAP session) (T Yeemin) 15:00 - 17:00	Oral session 6 (S Arakaki) 15:00 - 16:30	Oral session 10 (CL Nanola Jr) 15:00 - 16:30		
		Coffee break			
		Poster session 1 16:45 - 17:45	Poster session 2 16:45 - 17:45		
	Welcome Dinner 18:00-20:00 Bangkok Centre Hotel	Dinner 18:00-20:00 (TBD)	Dinner 18:00-19:30 Chamchuri Square Bld.		

Saturday 4 July, morning

Opening session (9:00-12:00) -----

Welcome address

Representative from Chulalongkorn University

Opening remarks

Representative from Chulalongkorn University
Prof M Tokeshi (AMBL, Kyushu University)

Opening lectures

UNESCO – IOC/WESTPAC activities related to marine biodiversity and oceanographic research
Dr. Somkiat Khokiattiwong (Chairperson of UNESCO-IOC/WESTPAC)

Xeniidae soft corals: taxonomic and biological challenges for reef conservation
Prof. Dr. Yehuda Benayahu (Professor of Marine Biology, Tel Aviv University)

Current status of marine biodiversity in the western Pacific region: threats and conservation
Dr. Suchana Chavanich (SCESAP 2015 Symposium Organizer, Chulalongkorn University)

Saturday 4 July, afternoon

Chair: T Yeemin

Oral session 1 (13:30-14:45) -----

Keynote 1

ONE ECOSYSTEM analysis: land-ocean-livelihood in Occidental Mindoro, the Philippines
HT Yap

(O-01) The changes in diversity of marine macrogastropods in the seagrass bed of Gazumbo Island, Penang (Malaysia) from year 2000 until 2015

SH Aileen Tan, CP Teh, BAK Nur-Najmi, SH Bong, TTB Clictus, L Salniza Akmar, TH Lee, KY Poi, GOJL Chang, PF Amelia Ng, Zulfigar Yasin

(O-02) Sponge culture trials for biomass production of renieramycin M-producing sponge *Xestospongia* sp.

G Manzano, C Yu, P Aliño

(O-03) Towards an integrated nesting beach management plan for the conservation of sea turtles in Bird's Head peninsula, Papua Barat, Indonesia

RF Tapilatu, M Tiwari, PH Dutton, T Wibbels

Chair: T Yeemin

Oral session 2 (15:00-17:00) -----

Keynote 2

Decadal changes (1935–2013) in the algal assemblages of tropical-subtropical Yonaguni Island in the western Pacific

EA Titlyanov, TV Titlyanova, M Tokeshi

(O-04) Analysis of density and distribution of toxic benthic dinoflagellate *Gambierdiscus*, *Ostreopsis* and *Prorocentrum* in the West Sumatra waters

Thamrin, R Irmaida, S Nasution, Windarti

(O-05) Relationship between a mollusk and its epibionts: does *Cladophora* negatively affect *Turbo*?

Y Osawa, M Tokeshi

(O-s1) Re-centralization of marine resource management in Indonesia.

HA Susanto

(SCESAP session)

Working together on Asian coastal ecosystems - our challenge

M Tokeshi

On the mechanics of scientific publication: why is it so difficult to have your paper published?

Sunday 5 July, morning

Chair: A Tan HS

Oral session 3 (9:00-10:30) -----

(O-06) Marine biodiversity and genetic connectivity of ocean and coastal populations in Indonesia

H Madduppa, B Subhan, AB Kusuma, ING Putra, N Akbar, D Arafat, MR Himawan, Prehadi, S Nuzha, NP Anggraini, P Santoso

(O-07) Does habitat structure affect coexistence in a local community? : relationship between spatial arrangement and subtidal suspension-feeding assemblages

F Kato, M Tokeshi

(O-08) Marine biodiversity and conservation status of coastal ecosystems in Malacca Strait

YI Siregar

(O-09) Comparison of bacterial communities of coral ecosystems around Samae San Island

DE Bulan, S Chavanich, N Somboonna

(O-10) Distributional changes of the kelp *Eisenia bicyclis* and its associated assemblages at a subtidal reef affected by the subsidence caused by the 2011 Pacific coast of Tohoku Earthquake

H Suzuki, T Aoki, MN Aoki, H Endo, A Horikoshi, Y Agatsuma

(O-11) First account of the Benham Bank seamount coral reef biodiversity and productivity

HME Nacorda, PM Aliño, WRY Licuanan, RM Dizon, CL Nañola Jr, DO De Jesus, JOO Nacorda, K Tingson, KCE Pardo

Chair: MN Aoki

Oral session 4 (10:45-12:00) -----

(O-12) Seasonal variability in diversity of tintinnid ciliates in the Gulf of Thailand

T Pumeyuth, A Piumsomboon

(O-13) Assessment of impacts and regeneration patterns of typhoon-disturbed mangrove forest in Kalibo, Aklan, Central Philippines

C Garcia, AB Lim, KMI Castro, SG Salmo III

(O-14) New records of the green algae *Halimeda* (Bryopsidales, Chlorophyta) from the Benham Bank, Philippines

JOO Nacorda, KN Tingson, HME Nacorda, GC Trono Jr

(O-15) Changes in hard coral abundance and community composition in response to multiple threat factors on Koh Tao, 2006-2015

CM Scott, R Mehrotra

(O-16) Prevalence and abundance of coral diseases in fungiid coral in coral triangle, Indonesia

B Subhan, F Rahmawati, D Arafat, A Bramandito, D Khairudi, QM Royhan, M Iqbal Panggarbesi, H Madduppa

Sunday 5 July, afternoon

Chair: HT Yap

Oral session 5 (13:15-14:45) -----

Keynote 3

A challenge on benthic production of coral reefs and their ecosystem services in the Gulf of Thailand

T Yeemin, M Sutthacheep, W Suebpala, S Pengsakun

(O-17) Composition of meiobenthos as bioindicators of Tangerang coastal waters

M Krisanti, L Meilana, Y Wardiatno

(O-18) Impact and post-typhoon regeneration of Philippine mangroves disturbed by Super Typhoon Haiyan: implications on conservation

KMI Castro, AB Lim, C Garcia, SG Salmo III

(O-19) Effect of marine reserve on the prey-predator dynamics

N Takashina, A Mougi, Y Iwasa

(O-20) Effect of grazing by reef fish on the growth of corals cultivated from sexual reproduction technique

S Songploy, P Kuanui, S Chavanich, V Viyakarn

Chair: S Arakaki

Oral session 6 (15:00-16:30) -----

(O-21) Reproduction and length-weight relationship of green-blotched parrotfish (*Scarus quoyi*) in Davao Gulf and Sarangani Bay

BME Zarate, CL Nañola Jr, MMD Abpi

(O-22) The effect of reclamation activities on the diversity and distribution of marine macrogastropods in Merambong Shoal, southern Johor, Malaysia

CP Teh, MR Norhanis, N Nithiyaa, SP Woo, GOJL Chang, KY Poi, PF Amelia Ng, Muhammad Lutfi, Nor Syahida, Zulfigar Yasin, Y Ise, T Fujita, SH Aileen Tan

(O-23) The diversity of sea cucumbers of the family Stichopodidae (Echinodermata: Holothuroidea) in Malaysian waters with notes on the spicule morphology

SP Woo, Zulfigar Yasin, SH Aileen Tan, T Fujita, H Kajihara

(O-24) Impacts of intensive tourism on coral reefs at Ko Tachai, the Andaman Sea

J Putthayakool, T Yeemin, P Plangngan, W Samsuvan, K Sanmanee, M Thummasan, S Pengsakun, M Sutthacheep

(O-25) Integrated cultured of Nile tilapia (*Oreochromis niloticus*) with two different types of vegetables in three different small scale aquaponic sub-systems

S Saufie, A Estim, M Tamin, A Harun, S Obong, S Mustafa

(O-s2) Reef rehabilitation, restoration of ecosystem services or ecological engineering?

JD True

Monday 6 July, morning

Chair: Y Osawa

Oral session 7 (9:00-10:30) -----

(O-26) Effect of bioerosion by the sea urchin, *Diadema setosum* (Leske, 1778) on the staghorn coral, *Acropora millepora* (Ehrenberg, 1834)
N Wongthepwanit, S Chavanich, V Viyakarn

(O-27) Marine habitat conservation through social marketing campaign
Y Afianto

(O-28) First records of Demospongiae sponges from the Benham Bank seamount Philippines
KCE Pardo, HME Nacorda, FM Panga, PM Aliño

(O-29) Relationship between habitat structure and *Sargassum*-associated microscopic benthic assemblages
T Hotta, M Tokeshi

(O-30) Species composition and community structure of reef fish at Sabu Island, East Nusa Tenggara, Indonesia
CA Tirta

(O-31) Seagrass ecosystem and small scale fisheries connectivity
F Anggraeni, L Adrianto, R Kurnia, M Hutomo

Chair: V Viyakarn

Oral session 8 (10:45-12:00) -----

(O-32) The impacts of 2011 flooding on coral health at Ko Khang Khao, in the Inner Gulf of Thailand
W Samsuvan, T Yeemin, S Pengsakun, W Klinthong, K Sangmanee, W Donsomjit, M Sutthacheep

(O33) New Heterobranch records for Koh Tao with first records for Thailand
R Mehrotra, CM Scott

(O-34) Role of herbivores on reef resilience: case of Siargao Reefs
CL Nañola Jr, MAC Paradela

(O-35) Crown of thorns sea star (*Acanthaster planci*) assemblage from an outbreak at Sepangar Island, Sabah, Malaysia – relationship of size-weight, gonadosomatic index and arm damage
MFA Nooramli, MA Syed Hussein

(O-36) Increasing canopy mass and water velocity may negatively influence photosynthesis rates of macrophyte canopies
GN Nishihara, R Terada

Special Lunch Talk (12:15-13:00)

How to protect your skin from the sun while on field trips (L' OREAL Thailand)

Monday 6 July, afternoon

Chair: GN Nishihara

Oral session 9 (13:15-14:45) -----

(O-37) Recovery of the epiphytic animal communities in *Sargassum* beds in Shizugawa Bay after the tsunami caused by the 2011 off the Pacific coast of Tohoku Earthquake

Y Suzuki, MN Aoki, A Horikoshi, H Endo, A Agatsuma

(O-38) Some parasites of marine fishes from coral reefs in the Andaman Sea

W Pakdee, Yeemin

(O-39) Trophic flow structure of four overfished coastal ecosystems around the Philippines

L Lachica-Alino, LT David, M Wolff

(O-40) Habitat utilization by *Syphopatella walshi*, a commensal associated with hermit crab occupied shell.

T Tsujita, M Tokeshi

(O-41) The use of macrobenthos in determining ecological quality status of Tangerang coastal waters, Indonesia using AZTI marine biothic index

Y Wardiatno, A Sahidin

(O-42) Differentiation in the populations of three reef fishes with varying larval strategies collected in the southern coasts of the Philippines using geometric morphometrics

JP Cabasan, MA Paradela, BME Zarate, CL Nañola Jr

Chair: CL Nanola Jr

Oral session 10 (15:00-16:30) -----

(O-43) Diversity and biomass of inshore-trawled fish in Tangerang Regency waters

MM Kamal, Y Wardiatno

(O-44) Effect of light intensity on survival rate of cultured corals and photosynthetic efficiency in corals

P Kuanui, S Chavanich, V Viyakarn, M Omori, C Lin

(O-45) Possibility of applying Satoumi concept for sustaining coastal fisheries: a case study of fishing communities in the Gulf of Thailand

W Suebpala, M Sutthacheep, T Yeemin

(O-46) Analysis of coastal debris & impacts on natural sessile invertebrates in some selected regions of Chonburi Province, Thailand

GGN Thushari, S Chavanich, A Yakupitiyage, KR Salin

(O-47) Biomass compensation: latitudinal patterns in tidepool fish community structure

S Arakaki, M Tokeshi

(O-48) Assessing population density of the crown-of-thorns starfish in Thai waters

M Thummasan, T Yeemin, K Sangmanee, W Klinthong, W Samsuvan, M Sutthacheep

Poster session, 5 and 6 July (no 1)

Core time: odd numbers (5 July 16:45-17:45), even numbers (6 July 16:45-17:45)

Poster Session -----

(P-01) Pink line syndrome in massive coral *Porites lutea* at reef communities of Koh Si Chang, Chonburi Province

P Angkhananukroh, N Chaitanavisuti, W Koeyputsa, S Piyatiratitivorakul

(P-02) Marine biodiversity of Mook Island, Trang Province, Thailand

S Kritsanapuntu, N Chaitanawisuti

(P-03) Influence of salinity on the embryonic and early development of larvae of *Acropora millepora* (Ehrenburg, 1834) and *Pocillopora damicornis* (Linnaeus, 1758)

W Lalitpattarakit, S Chavanich, V Viyakarn

(P-04) Vertical distribution of two types of meio-fauna community in East Antarctic saline lake Nurume-Ike

H Saito, KT Takahashi, H Hattori, S Kudoh, S Imura

(P-05) Distribution and biodiversity of macrobenthic fauna in tidal flats of Amami-Oshima Island

S Ogata, R Ueno, T Yamamoto

(P-06) Effect of light and salinity on the bleaching of a staghorn coral, *Acropora millepora*

S Jandang, S Chavanich, V Viyakarn

(P-07) Macrofaunal abundance on coral communities in the eastern Gulf of Thailand

P Supakwachirakul, S Chaiarn, M Thummasan, W Samsuvan, R Niamsiri, T Yeemin, M Sutthacheep

(P-08) A study on the diurnal changes of the carbonate chemistry at a shallow water hydrothermal vent In Pulau Weh, Indonesia

N Nilamani, MR Norhanis CP Teh, SP Woo, PF Amelia Ng, Zulfikar, Zulfigar Yasin, SH Aileen Tan

(P-09) Diversity and abundance of juvenile corals at Mu Ko Phi Phi, the Andaman Sea following the 2010 coral bleaching event

C Chamchoy, S Pengsakun, W Samsuvan, J Putthayakool, M Sutthacheep, T Yeemin

(P-10) Temporal variation of coral reef zooplankton at Ao Prao, Ko Samet, Rayong Province after an oil spill

S Pengsakun, K Sangmanee, W Klinthong, W Samsuvan, C Ruangthong, M Sutthacheep

(P-11) Carbonate system in the Thai reef and the influence of pCO₂ on coral larvae

N Chinfak, W Lalitpattarakit, S Chavanich, V Viyakarn

(P-12) Reproductive biology of a brood care damselfish, *Acanthochromis polyacanthus* in Davao Gulf

MAC Paradela, CL Nañola Jr

Poster session, 5 and 6 July (no 2)

Core time: odd numbers (5 July 16:45-17:45), even numbers (6 July 16:45-17:45)

Poster Session -----

(P-13) Water pollution status of western Java north coastal area (Java Sea, Tangerang)

S Hariyadi, RY Kartika, Werdhiningtyas, AT Argarini

(P-14) Effects of edge and patch size of common seagrass *Enhalus acoroides* on fish community at Libong Island, Trang Province

N Thitinantapan

(P-15) Population genetics of the coral *Pocillopora damicornis* (Linnaeus, 1758) in the Inner Gulf of Thailand

M Sutthacheep, K Sakai, S Mitarai, T Yeemin, Y Nakajima, A Iguchi

(P-16) Resilience of coral reefs to the 2010 coral bleaching event at Hat Thai Mueang, the Andaman Sea

M Sutthacheep, S Pengsakun, W Samsuvan, W Klinthong, B Lawang, T Yeemin

(P-17) Distribution and population density of sea urchins on coral communities in the Gulf of Thailand and the Andaman Sea

K Sangmanee, S Pengsakun, W Klinthong, M Sutthacheep, T Yeemin

(P-18) Study of current pattern in Awur Bay Jepara

M Bonauli, M Helmy, WS Pranowo, D Nugroho

(P-19) Spatio-temporal variability in recruitment of the sand dollar *Scaphechinus mirabilis*: analysis of size frequency distribution and growth of juveniles

Y Yoshida, M Hirose, M Kiyomoto, M Tokeshi

(P-20) Effects of temperature and salinity on growth of zooxanthellae isolated from *Pocillopora damicornis*, *Fungia fungites* and *Epiactis* sp.

K Patthanasiri, T Lirdwitayaprasit, C Nitithamyong, I Tongcamdee, D Srivilai

(P-21) Population dynamics of green mussel (*Perna viridis*) in Marudu Bay after mass mortality

AB Mohd Taib, J Ransangan, J Madin

(P-22) Possible taxonomic revision of several common edible Philippine marine mollusks

T Seo, J Tanangonan

(P-23) Size at maturity and gonadal maturation of wild mud crabs genus *Scylla* as baseline information for fisheries management in Sabah

NA Shaiful Kahar, NA Mohd Sharif, MA Syed Hussein, AYS Kian

(P-24) The Influence of sea current to the phytoplankton distribution in Morosari coastal, Demak

GI Aramita, M Zainuri, DH Ismunarti

(P-25) Meiofaunal abundance and composition on sandy beach ecosystems at Pak Nam Pra Sae, the eastern Gulf of Thailand

W Phantewee, T Prickchoopon, R Niumsiri, T Yeemin

Poster session, 5 and 6 July (no 3)

Core time: odd numbers (5 July 16:45-17:45), even numbers (6 July 16:45-17:45)

Poster Session

- (P-26) Age determination and age-body length relationship of green-blotched parrotfish (*Scarus quoyi*) in Davao Gulf
CL Nañola Jr, MMD Abpi, Merlene E Elumba, BME Zarate, MA Paradela, SG Buenaventura
- (P-27) Composition of phytoplankton and trophic state of Tangerang coastal waters, Indonesia
NTM Pratiwi, DY Wulandari
- (P-28) Species composition and abundance distribution of sand crabs along the southern coast of Java Island Indonesia
A Mashar, Y Wardiatno, M Boer
- (P-29) Species distribution of mud crabs genus *Scylla* in mangrove river Channels, Marudu Bay, Sabah
NA Mohd Sharif, NA Shaiful Kahar, ASK Yong, MA Syed Hussein
- (P-30) Biodiversity and distribution of phytoplankton in Tangerang Coastal Waters
DY Wulandari, NTM Pratiwi, IP Ayu, A Iswantari, S Nursiyamah, T Apriadi
- (P-31) Preliminary results for culture of finger leather soft coral, *Sinularia* sp. under hatchery conditions
P Angkhananukroh, N Chaitanavisuti, W Koeypudsa, S Piyatiratitivorakul
- (P-32) A long-term study of coral recruitment on settlement panels at Ko Khangkhao, the inner Gulf of Thailand
W Klinthong, T Yeemin, M Sutthacheep, S Pengsakun, R Niamsiri
- (P-33) Post-Haiyan status of the marine protected areas of eastern Samar (Municipalities of Guiuan, Lawaan & Salcedo)
LC Manguilimotan, TJR Quimpo, JBP Cabansag, MT de la Cruz, JD Albaladejo
- (P-34) Use of humus-containing concrete blocks for the restoration of algal beds: preliminary study
Kyowa RM-Concrete Co. Ltd., Amakusa Greening Co. Ltd., AMBL-Kyushu University

