

Program

SESSION 4: ECOSYSTEM-SOCIAL INTERACTIONS IN THE COASTAL SEA

Mon 22 Nov. UTC 09:00-13:15 [Click to find your local time](#)

Co-moderators **Su Mei Liu** and **Suvaluck Satumanatpan**

09:00 - 09:05 [Welcome and Introduction](#)

[Keynote speeches](#)

09:05 - 09:25 **Ratana Chuenpagdee**

Governing the ungovernable: Challenges in governance of coastal seas

09:25 - 09:45 **Juying Wang**

National strategy research for climate change adaption in the ocean and coast in China

[Oral presentations](#)

09:45 - 09:57 **Qinhua Fang** [S4-1]

Marine spatial planning evaluation: An Ecological Vulnerability Index perspective

09:57 - 10:09 **Mingbao Chen** [S4-2]

Temporal and spatial evolution and influencing factors of land-sea social-ecological system

10:09 - 10:21 **Andrew Allison** [S4-3]

Creating space for expression of knowledges when managing for cumulative effects in coasts and oceans

10:21 - 10:33 **Anoop Das** [S4-4]

The indigenous traditional knowledge and sustainability: A case study from the Kerala Coast of India

10:33 - 10:45 **Dhanya Kandarattil** [S4-5]

Livelihood diversification among the fisherfolks of Kerala Coast of India

10:45 - 10:55 [Break](#)

10:55 - 11:07 **Kamalaporn Kanongdate** [S4-6]

Responsible consumption and production embedded in the Thai marine shrimp farming certification programs

11:07 - 11:19 **Jarina Mohd Jani** [S4-7]

Making a case for community-based artificial reefs management for the sustainability of coastal fisheries resources and livelihoods

11:19 - 11:31 **Ming-An Lee** [S4-8]

Fishery-based adaption to climate change: The case of migratory species grey mullet in Taiwan Strait, Northwestern Pacific

11:31 - 11:43 **Arkaprava Mandal** [S4-9]

Tracking the ecological health of a mangrove ecosystem from the Northern Indian Ocean - Applicability of benthic foraminifera as bioproxy

11:43 - 11:55 **Hui Liu** [S4-10]

Status and perspectives on mariculture spatial planning and implementation

11:55 - 12:07 **Roshni Subramaniam** [S4-11]

Ecosystem modelling to support decision making for the coastal South-West Pacific (Eastern Australia)

12:07 - 12:17 [Break](#)

Speed-Talk presentations

12:17 - 13:01

- Jiayu Bai & Kailei Zhu** [S4-12]
Review of Fukushima nuclear contaminated water discharge event: International law analysis and stakeholders' response
- Mohammed Bouchkara** [S4-13]
Study of morphodynamic changes along the lagoon of Oualidia (Morocco) using bathymetric data
- Beatriz Casareto** [S4-14]
Community structure and rearing experiments of the Shrimp *Lucensosergia lucens* Hansen 1922 (Crustacea, Decapoda, Sergestidae) (Sakura-ebi) in Suruga Bay
- Kai Chen** [S4-15]
Evaluation of marine ecosystem services in China based on meta-analysis
- Xiaokun Ding** [S4-16]
Seasonal variations of nutrient concentrations and their ratios in the central Bohai Sea
- Nouhaila Erraji Chahid** [S4-17]
Hydrodynamic and morpho-sedimentary modelling of the Moulay Bouselham lagoon and their impact on the socio-environment: Application to the study of "Fishing" and "Agricole" practices
- Mohammad Saydul Islam Sarkar** [S4-18]
Integration of the socioeconomic status into MSP-theoretical aspects and recommendations for Moheshkhali Island
- Faddrine Jang** [S4-19]
Increased transfer of trace metals and *Vibrio* sp. from biodegradable microplastics to catfish *Clarias gariepinus*
- Yerkenaz Karibayeva*** [S4-20]
Caspian Sea: Isolated, yet mutually engaged
- Hyun-Woo Kim** [S4-21]
Fish biodiversity survey in Korean waters using environmental DNA analysis
- Elsa Cordelia Durie Lambert** [S4-22]
A community-based qualitative vulnerability assessment tools for rivers in developing participatory response to land-use changes
- Shanshan Li** [S4-23]
Source, composition and reactivity of particulate organic matter along the salinity gradient in the Changjiang Estuary and its adjacent sea
- Shengkang Liang** [S4-24]
Identification jurisdiction responsibility and land-sea synergistic regulation for coastal total nitrogen based on water quality target in Laizhou Bay, China
- Deju Lin** [S4-25]
Effect of iron on the preservation of organic carbon in marine sediments
- Marsya Jaqualine Rugebregt** [S4-26]
Sediment quality in Halmahera Sea waters, North of Maluku
- Abiola Osanyintuyi** [S4-27]
Long-term shoreline analysis of Brunei coast: An application of Digital Shoreline Analysis System (DSAS)
- Lihini Prematilaka** [S4-28]
On the bliss of nature: Leveraging Nature based Solutions (NbS) for coastal management
- Jing-Ling Ren** [S4-29]
Impacts of human activities on Arsenic transport in the Huanghe (Yellow River)

*Attendance unconfirmed

Matt Roberts [S4-30]
The potential value of establishing Oyster Shell Recycling (OSR) programmes.

Huiying Sun [S4-31]
China's coastal ecological restoration policies: Evolution, problems, and proposals

Chika Suzuki [S4-32]
Elucidation of incentive structures for researchers to focus on coastal ecological conservation activities and promotion of industrial use of the ocean

Wenqi Xu [S4-33]
Effects of integrated multi-trophic aquaculture on the nutrients and phytoplankton size structure in Sanggou Bay

13:01 - 13:15

[Discussion and Conclusions](#)