

PREFACE

The 4th Maritime Continent Fulcrum International Conference (MaCiFIC 2024) is a platform for academics, entrepreneurs, policy makers, and other practitioners who are engaged and have a vision to develop the maritime sectors not only economically but also ecologically. The MaCiFIC 2024 is organized by the Universitas Maritim Raja Ali Haji (UMRAH), Indonesia.

The MaCiFIC 2024 was held virtually (on zoom meeting) as well as in-person at UMRAH's Dompok Campus, Tanjungpinang on the 3rd of October 2024. This event was attended by more than 400 participants and speakers from various countries, such as Indonesia, Australia, China, and France, that came from different backgrounds, mostly from academia, followed by a number of members from government, businesses, and communities. At the MaCiFIC 2024, there were 100 papers titles presented in plenary and parallel sessions. Topics of the papers revolves around blue economy, archipelago governance, maritime culture and heritage, maritime science and technology, marine science and fisheries, innovative technology for sustainable developments goals (SDGs), and climate change initiative on coastal and marine ecosystems.

The participants of MaCiFIC 2024 are affiliated with numerous universities, research centers, and organizations such as Universitas Maritim Raja Ali Haji, Indonesia; Yarsi University, Indonesia; University of Diponegoro Semarang, Indonesia; University of Andalas, Padang, Indonesia; Culinary Management Department, Batam Tourism Polytechnic; Institut Teknologi Batam, Indonesia; Riau University, Pekanbaru, Indonesia; Universitas Islam Riau, Pekanbaru, Indonesia; Research Center for Oceanography, National Research and Innovation Agency, Indonesia; Directorate General of Maritime and Marine Space Management, Ministry of Marine Affairs and Fisheries, Jakarta; Research Institute for Freshwater Aquaculture and Fisheries Extension, Agency for Marine and Fisheries Research and Human Resources, Ministry of Marine Affairs and Fisheries, Indonesia; IPB University (Bogor Agricultural University), Indonesia; National Marine Protected Area Office of Pekanbaru, Ministry of Marine Affairs and Fisheries, Indonesia; Universitas Palangka Raya, Indonesia; Halal Study Center and Halal Infection of Raja Ali Haji Maritime University, Indonesia; Universitas Brawijaya, Malang, Indonesia; National Research and Innovation Agency (BRIN), Bogor, Indonesia; Padjadjaran University, Indonesia; University of Fatoni, Thailand; Chulalongkorn University, Thailand; University Malaysia Kelantan, Malaysia; Universiti Kebangsaan Malaysia, Selangor, Malaysia; Malaysia Terengganu University, Malaysia; Universiti Teknologi MARA (UiTM), Malaysia; Universiti Teknologi Malaysia, Malaysia; Chaoyang University of Technology, Taiwan; Kaohsiung Medical University, Taiwan; Monash University, Australia; University of Groningen, Netherlands; Wageningen University and Research, Netherlands; School of Foreign Languages, Balikesir University, Turkiye; Department of Zoology, University of Oxford, UK; YSEALI Professional Fellow, Vietnam; Kanazawa University, Japan; National Aquarium in Baltimore, USA; Nova Southeastern University, USA; James Cook University, Australia; Zagazig University, Egypt; Central Salt and Marine Chemicals Research Institute, India; Rice University, USA; Miyagi University, Japan; National Institute of Oceanography and Fisheries, Egypt; University of Zagreb, Croatia; and Fu Jen Catholic University, Taiwan.

The MaCiFIC 2024 consisted of plenary and parallel sessions, within which was interactive talks by speakers as well as question and answer sessions. The conference was divided into two plenary sessions, the morning session and the afternoon session with the conference parallel session in between. The time allocated to deliver the talks were 30 minutes for each plenary speaker and 10 minutes for each parallel speaker. There were 8 parallel rooms and up to 14 speakers per parallel room.

In the plenary session, four invited speakers delivered presentations on different topics, namely Prof. Martin Henz (National University of Singapore, Singapore); Prof. Lawrence Manzano Liao (Hiroshima University, Japan); Prof. Dr. Omar Yaakob (Universiti Teknologi Malaysia, Malaysia); Francois Galgani (France); Hendri Dou (France); Goib Wiranto (Indonesia); Hendra Kurniawan (Kanazawa University, Japan); Pascal Wong Wah Chung (France); John Kirby (USA).

Our appreciation and gratitude to all authors, participants, peer reviewers, and speakers who have participated and contributed in this conference with their amazing achievements and enthusiasm. And of course, we are fortunate to have on our side the excellent organizing committee team of the Academic Staff of UMRAH who worked very hard to organize and support the conference.

It is hoped that this conference will make a real contribution to the development of Indonesian maritime sector through achievement of the Sustainable Development Goals (SDGs).

Tanjungpinang, 19th, October 2024
4th Maritime Continent Fulcrum International Conference (MaCiFIC)
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Macifc 2024

Maritime Continent Fulcrum
International Conference

4th Maritime Continent Fulcrum International Conference

3rd of October 2024

Universitas Maritim Raja Ali Haji
(Dompok Campus)
Tanjungpinang, Indonesia

NAVIGATING NEW WAVES:

ADVANCEMENTS AND CHALLENGES IN MARINE SCIENCE AND INNOVATION
FOR MARITIME CIVICS

Keynote Speech by:



Prabowo Subianto*
The Ministry of Defense
Indonesia

* under confirmation

Plenary Speakers:



Goib Wiranto
National Research
and Innovation Agency
Indonesia



Omar bin Yaakob
Universiti Teknologi
Malaysia (UTM)
Malaysia



Lawrence M. Liao
Hiroshima
University
Japan



Martin Henz
National University
of Singapore (NUS)
Singapore

Conference Topics:

- Blue Economy
- Archipelagic Governance
- Maritime Culture and Heritage
- Maritime Science and Technology
- Maritime Security and Geopolitics
- Marine and Fisheries
- Innovative Technology for Sustainable Development Goals (SDG)
- Climate Change Initiative on Coastal and Marine Ecosystem

Important Dates

Abstract Submission Deadline : September 12, 2024
Abstract Acceptance notification : September 19, 2024
Early Bird Registration : September 20, 2024
Full Paper submission Deadline : September 26, 2024
Conference Day : October 3, 2024

Publication:

Proceeding of BIO Web of Conferences
(Scopus Indexed)

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