



The Frontier in Sustainable
Agromaritime and Environmental
Development Conference

CONFERENCE PROCEEDINGS

**“Innovating Together:
Collaborative Pathways
for Sustainable
Agromaritime
Transformation”**



 HYBRID CONFERENCE

 WHIZ PRIME HOTEL

20
25

Background

Climate change, environmental degradation, and increasing pressure on natural resources have compelled the agromaritime sector to transform toward a more sustainable system. As an archipelagic country with vast potential in agriculture, fisheries, and marine resources, Indonesia faces both significant challenges and promising opportunities in developing an integrated approach that combines technological innovation, local wisdom, and science-based policy. Efforts to achieve sustainable agromaritime transformation cannot be undertaken in isolation; rather, they require interdisciplinary and cross-sectoral collaboration to generate innovative and inclusive solutions.

In this context, The Frontier in Sustainable Agromaritime and Environmental Development Conference (FiSAED) serves as a strategic platform to bring together researchers, policymakers, industry stakeholders, and communities in building a collaborative innovation ecosystem. The conference plays an important role in strengthening the synergy between scientific research, public policy, and practical implementation to accelerate the transition toward a resilient and adaptive agromaritime system in the face of global change.

FiSAED 2025 emphasizes the importance of collective innovation in advancing sustainable agromaritime transformation. It highlights that transformative solutions in agriculture, aquaculture, fisheries, and environmental management can only be achieved through collaborative efforts that connect science, technology, and local wisdom. Through an integrative approach that embraces digital transformation, climate-smart practices, circular economy principles, and community empowerment, FiSAED aims to foster a resilient and sustainable green–blue system.

Theme

Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation

Subthemes

Sustainable Natural Resources and Environmental Management

Soil Science and Land Resources
Agronomy and Horticulture
Plant Protection
Landscape Architecture
Fisheries and Marine Science
Animal Science
Forestry
Environmental Science and Management
Agrometeorology and Geophysics

Science and Technology for Sustainable Agromaritime

Mechanical and Biosystem Engineering
Food Science and Technology
Agroindustrial Technology
Civil and Environmental Engineering
Mathematics and Natural Sciences

Environmental Health and Ecosystems

Environmental medicine
Environmental Pollution and Hazards
Epidemiology and Tropical Diseases
Human and Animal Health
Ecology, Biodiversity and Conservation

Socio-economic Transformation for Sustainable Agromaritime

Agribusiness and Management
Agricultural Economics and Development
Resource and Environmental Economics
Family and Consumer Sciences
Communication and Community Development

The Objective

The objectives of this conference are to provide an international collaborative platform for researchers, academics, policymakers, and industry practitioners to engage in discussions and exchange knowledge in addressing complex challenges within the agromaritime and environmental sectors; to promote the integration of science, technology, policy, and local wisdom in creating innovative and sustainable solutions in agriculture, aquaculture, fisheries, and environmental management; and to strengthen the synergy between scientific research, public policy, and real-world implementation in order to accelerate the transition toward a resilient, adaptive, and globally competitive agromaritime system.

The Participants

Professionals
Academics
Researchers
Policymakers

The Advantages

Knowledge Exchange
Networking
Exposure to Innovation
Policy Insight
Professional Development

Opening and Keynote Speakers

Opening Speaker

Prof. Dr. Ir. Ernan Rustiadi, M.Agr (Vice Rector of for Research, Innovation, and Agromaritime Development, IPB University, Indonesia)

Keynote Speakers

Prof. Dr. Ir. Ernan Rustiadi, M.Agr (Vice Rector of for Research, Innovation, and Agromaritime Development, IPB University, Indonesia)
Prof. Dr. Ir. Yusuf Sudo Hadi, M.Agr (Papua New Guinea University of Technology, Papua New Guinea)

Invited Speakers

Sustainable Natural Resources and Environmental Management

Dr. Amirul Faiz bin Mohd Azmi (Universiti Malaysia Kelantan, Malaysia)

Science and Technology for Sustainable Agromaritime

Dr. Kornorn Srikulnath (Kasetsart University, Thailand)

Environmental Health and Ecosystems

Dr. Ing. Azwirman Gusrialdi (Tampere University, Finland)
Prof. Dr. Virginia M. Venturina (Central Luzon State University, Philippines)

Socio-economic Transformation for Sustainable Agromaritime

Saville Ramadhona, Ph.D (Tokyo University of Agriculture, Japan)
Prof. Dr. Amzul Rifin, S.P., M.A (Education and Cultural Attaché (ATDIKBUD) at the Embassy of the Republic of Indonesia in Tokyo, Japan)

Date and Venue

The 2025 Frontier in Sustainable Agromaritime and Environmental Development Conference (FiSAED) will be held on:

Date : Thursday-Friday, 18-19 December 2025

Time : 08.30 am – 05.00 pm

All Participants : Online

Committees : Whiz Prime Hotel, Bogor, Indonesia

Abstract Submission : <https://conference.ipb.ac.id/fisaed/about/submissions>

Conference Website : <https://conference.ipb.ac.id/fisaed/index>

Committees

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Direktorat Kajian Strategis dan Reputasi Akademik

The 3rd International Conference on

Frontier in Sustainable Agromaritime and Environmental Development 2025



Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation

KEYNOTE SPEAKERS



Opening Speech

Prof. Dr. Arif Satria, SP., M.Si.
IPB University | Indonesia

Environmental Health and Ecosystems



Prof. Dr. Virginia M. Ventura
Central Luzon State University | Philippines

Sustainable Natural Resources and Environmental Management



Dr. Nor Dini Rusli*
Universiti Malaysia Kelantan | Malaysia



Prof. Dr. Ir. Ernan Rustiadi, M.Agr
IPB University | Indonesia



Dr. Ing. Azwirman Gusrialdi
Tampere University | Finland



Prof. Dr. Fenja Klevenhusen*
University of Kassel | Germany

Socio-Economic Transformation for Sustainable Agromaritime



Dr. Muhamad Abduh*
Universiti Brunei Darussalam | Brunei Darussalam

Science and Technology for Sustainable Agromaritime



Dr. Kornson Srikulnath
Kasetsart University | Thailand



Prof. Dr. Ir. Yusuf Sudo Hadi, M.Agr
Papua New Guinea University of Technology | Papua New Guinea



Prof. Dr. Amzul Rifin, S.P., M.A
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University of New South Wales | Australia

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Abstract submission
Oct 17th - Nov 7th 2025
Nov 14th

Registration & Full payment
Nov 18th - 5th Dec 2025

Online conference
Dec 18th - 19th 2025

Scopus Proceeding submission
March 31st 2026

Abstract acceptance
Nov 18th 2025

Multimedia submission
Nov 18th - Dec 5th 2025

Full Paper submission
Dec 22th 2025 - Jan 22th 2026

SUB THEME

1. Science and Technology for Sustainable Agromaritime
2. Socio-economic Transformation for Sustainable Agromaritime
3. Sustainable Natural Resources and Environmental Management
4. Environmental Health and Ecosystems

*under confirmation

FEE DETAILS

- Registration fee for **presenter**: **350K | 35 USD**
- **Participant** only, with **e-certificate**: **100K | 10 USD**
- **Participant** only, without e-certificate: **50K | 5 USD**
- **Conference** (including **publication**) fee: **2.500K | 250 USD**



Registration & Abstract submission



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