

FINAL REPORT FISAED 2025

Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation

18-19 December 2025

https://dkasra.ipb.ac.id dkasra_ipb dkasra_ipb 0811-1183-7330

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BACKGROUND

Climate change, environmental degradation, and pressure on natural resources have urged 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 challenges and opportunities in developing an integrated approach that combines technological innovation, local wisdom, and science-based policy. Efforts toward sustainable agromaritime transformation cannot be carried out in isolation; interdisciplinary and cross-sectoral collaboration is essential to create 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 players, and communities in building a collaborative innovation ecosystem. This conference plays a crucial role in strengthening the synergy between scientific research, public policy, and real-world implementation to accelerate the transition toward a resilient and adaptive agromaritime system in the face of global change.

FiSAED 2025 carries the theme “Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation,” emphasizing the importance of joint innovation in realizing sustainable agromaritime transformation. The conference highlights that transformative solutions for agriculture, aquaculture, fisheries, and environmental management can only be achieved through collective innovation that connects science, technology, and local wisdom. Through an integrative approach that combines digital transformation, climate-smart practices, circular economy principles, and community empowerment, FiSAED strives to build a resilient green–blue system.

BACKGROUND

As a continuation of FiSAED 2023 and 2024, the 2025 conference reinforces its commitment to global collaboration and scientific sustainability. FiSAED 2023, with the theme "Frontier Agromaritime Contribution to Sustainable Development Goals," produced 145 Scopus-indexed papers published in the IOP Conference Series: Earth and Environmental Science, while FiSAED 2024, themed "Frontier Agromaritime at the Cross-Road for Addressing Complex Issues," successfully published 74 papers in the BIO Web of Conferences. These achievements reaffirm FiSAED's role as an international academic platform that consistently promotes high-quality scientific publications and cross-country collaboration.

THEME

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

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

THEME

"Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation."

Science and technology for sustainable agromaritime :

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

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

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

Environmental health and ecosystems

- Veterinary Medicine
- Human Medicine
- Biomedical Sciences
- Nutrition Sciences
- One Health

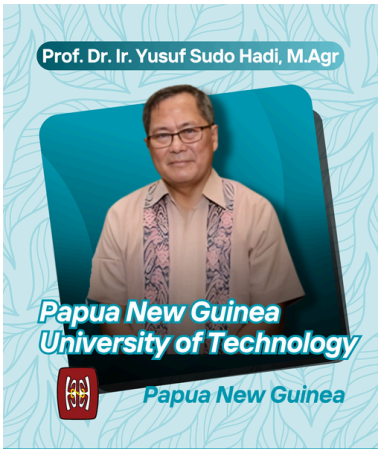
SPEAKERS

Opening Speech



Keynote Speakers





Invited Speakers

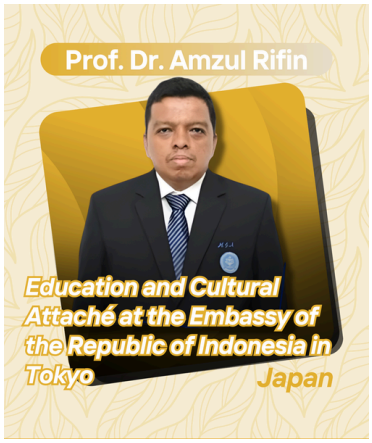
Science and Technology for Sustainable Agromaritime



SPEAKERS

Socio-Economic Transformation for Sustainable Agromaritime





Sustainable Natural Resources and Environmental Management

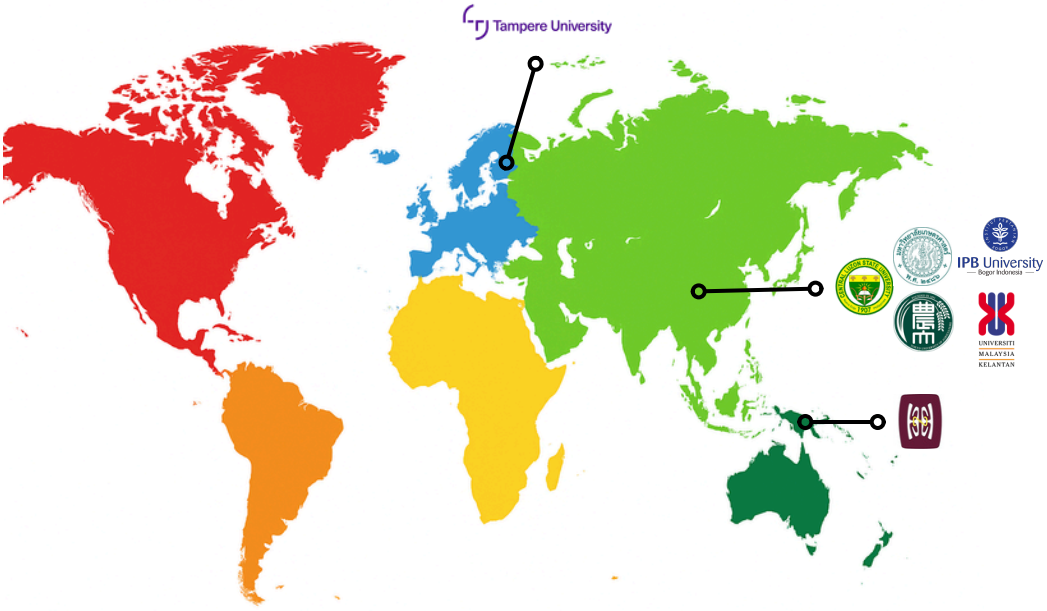


Environmental Health and Ecosystems



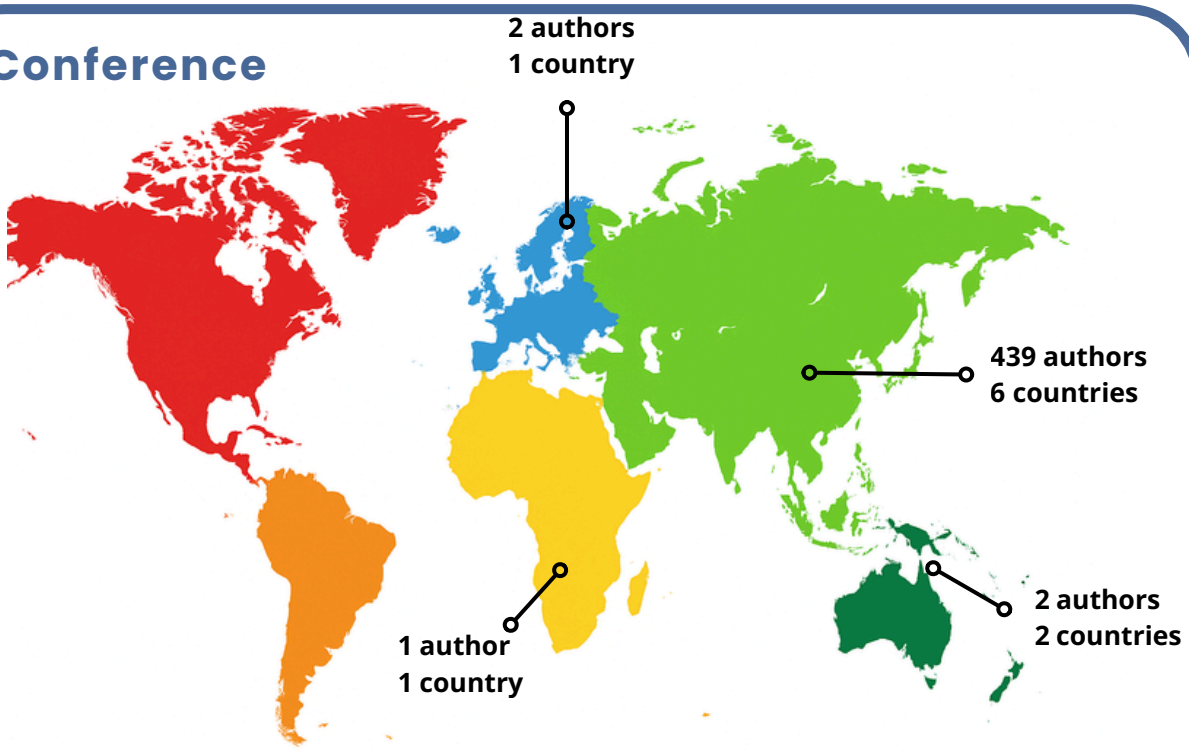


SPEAKERS DISTRIBUTION



AUTHORS DISTRIBUTION

Conference



a. Total Participant : 444 authors

b. By Continent

- Asia : 439 authors
- Europe : 2 authors
- Africa : 1 author
- Oceania : 2 authors

c. By Country

- Australia : 1 author
- Germany : 2 authors
- India : 1 author
- Indonesia : 421 authors
- Japan : 4 authors
- Malaysia : 11 authors
- Papua New Guinea : 1 author
- Philippines : 1 author
- Tanzania : 1 author
- Thailand : 1 author

AUTHORS DISTRIBUTION

Conference

d. By Subtheme

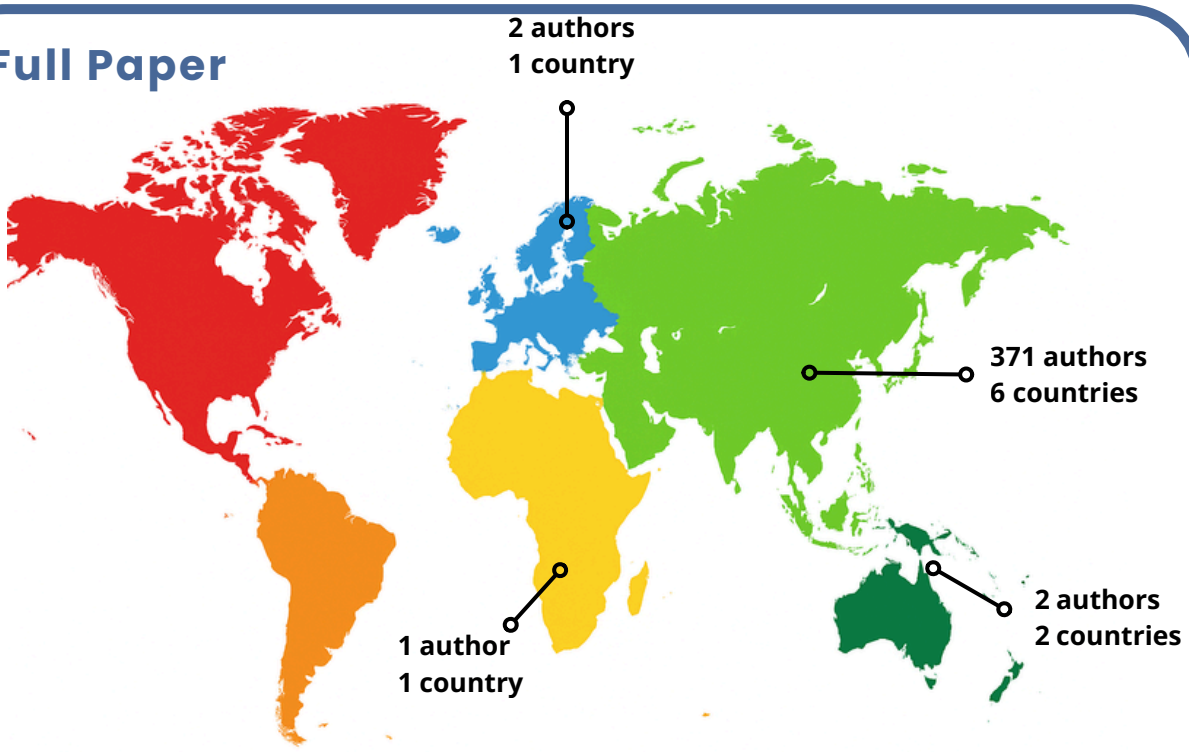
- Science and Technology for Sustainable Agromaritime
  : 103 authors
- Socio-Economic Transformation for Sustainable Agromaritime
  : 114 authors
- Sustainable Natural Resources and Environmental Management
  : 194 authors
- Environmental Health and Ecosystems
  : 32 authors

e. By Affiliation

- IPB : 293 authors
- Non-IPB : 151 authors

AUTHORS DISTRIBUTION

Full Paper



a. Total Participant : 376 authors

b. By Continent

- Asia : 371 authors
- Europe : 2 authors
- Africa : 1 author
- Oceania : 2 authors

c. By Country

- Australia : 1 author
- Germany : 2 authors
- India : 1 author
- Indonesia : 354 authors
- Japan : 3 authors
- Malaysia : 11 authors
- Papua New Guinea : 1 author
- Philippines : 1 author
- Tanzania : 1 author
- Thailand : 1 author

AUTHORS DISTRIBUTION

Full Paper

d. By Subtheme
- Science and Technology for Sustainable Agromaritime : 99 authors
- Socio-Economic Transformation for Sustainable Agromaritime : 114 authors
- Sustainable Natural Resources and Environmental Management : 130 authors
- Environmental Health and Ecosystems : 32 authors

e. By Affiliation
- IPB : 248 authors
- Non-IPB : 128 authors

PAPERS DISTRIBUTION

Conference

a. Total Paper: 83 papers
b. By Sub-theme
- Science and Technology for Sustainable Agromaritime
  : 19 papers
- Socio-Economic Transformation for Sustainable Agromaritime
  : 24 papers
- Sustainable Natural Resources and Environmental Management
  : 33 papers
- Environmental Health and Ecosystems
  : 7 papers

Full Paper

a. Total Paper: 75 papers
b. By Sub-theme
- Science and Technology for Sustainable Agromaritime
  : 18 papers
- Socio-Economic Transformation for Sustainable Agromaritime
  : 24 papers
- Sustainable Natural Resources and Environmental Management
  : 26 papers
- Environmental Health and Ecosystems
  : 7 papers

MAIN EVENT TIMETABLE

Time (GMT +7)	Duration	Agenda			
Thursday, 18th December 2025					
08.30-09.00	30 minutes	Opening Registration			
09.00-09.05	5 minutes	Opening Ceremony by MC			
09.05-09.10	5 minutes	Pray			
09.10-09.15	5 minutes	Singing Indonesia Raya and IPB Hymn			
09.15-09.25	10 minutes	Welcoming Speech by Rector of IPB University			
09.25-09.30	5 minutes	Introduction of Moderator			
Plenary Session					
09.30-09.35	5 minutes	Introduction of 1st Keynote Speaker			
09.35-10.05	30 minutes	1st Keynote Speaker			
10.05-10.10	5 minutes	Introduction of 2nd Keynote Speaker			
10.10-10.40	30 minutes	2nd Keynote Speaker			
10.40-11.35	55 minutes	Change to Parallel Session (*Different Link Zoom*)			
Parallel Session					
	Video presentation + presenter attend	*Science and technology for sustainable agromaritime*	*Sustainable natural resources and environmental management*	*Socio-economic transformation for sustainable agromaritime*	*Environmental Health and Ecosystems*
11.40-12.20	40 minutes	1st session 4 papers	1st session 4 papers	1st session 4 papers	1st session 4 papers
Break					

MAIN EVENT TIMETABLE

Time (GMT +7)	Duration	Agenda			
Thursday, 18th December 2025					
13.30-13.40	15 minutes	1st invited speaker	1st invited speaker	1st invited speaker	1st invited speaker
13.45-14.45	60 minutes	2nd session 4 papers	2nd session 6 papers	2nd session 5 papers	2nd session 4 papers
Friday, 19th December 2025					
Parallel Session					
	Video presentation + presenter attend	*Science and technology for sustainable agromaritime*	*Sustainable natural resources and environmental management*	*Socio-economic transformation for sustainable agromaritime*	*Environmental Health and Ecosystems*
09.05-10.25	80 minutes	3rd session 6 papers	3rd session 8 papers	3rd session 7 papers	3rd session 7 papers
Break					
13.35-13.50	15 minutes		2nd invited speaker		2nd invited speaker
13.50-14.40	60 minutes	4th session 5 papers	4th session 5 papers	4th session 5 papers	4th session 5 papers
Break					
13.50-14.40	60 minutes	Opening MC			
13.50-14.40	60 minutes	Closing Remarks			

DATE & VENUE

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

Thursday-Friday, 18-19 December 2025

08.30 am - 05.00 pm

All Participants : Online
Committees : Whiz Prime Hotel, Bogor

Abstract Submission :
https://conference.ipb.ac.id/fisaed/index

Proceeding Publish :
https://www.bio-conferences.org/articles/bioconf/abs/2026/27/contents/contents.html

IMPORTANT DATES

Agenda	Date
Abstract submission	17 Oct - 14 Nov 2025
Abstract Acceptance Notification	18 Nov 2025
Registration and Full Payment	18 Nov - 05 Dec 2025
Multimedia Submission	18 Nov - 05 Dec 2025
Writing Workshop	28 Nov 2025 and 05 Dec 2025
Online Conference	18 - 19 Dec 2025
Full Paper Submission	22 Dec 2025 - 22 Jan 2026
Scopus Proceeding Submission	15 April 2026

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Mayla Raudhatul Ummah

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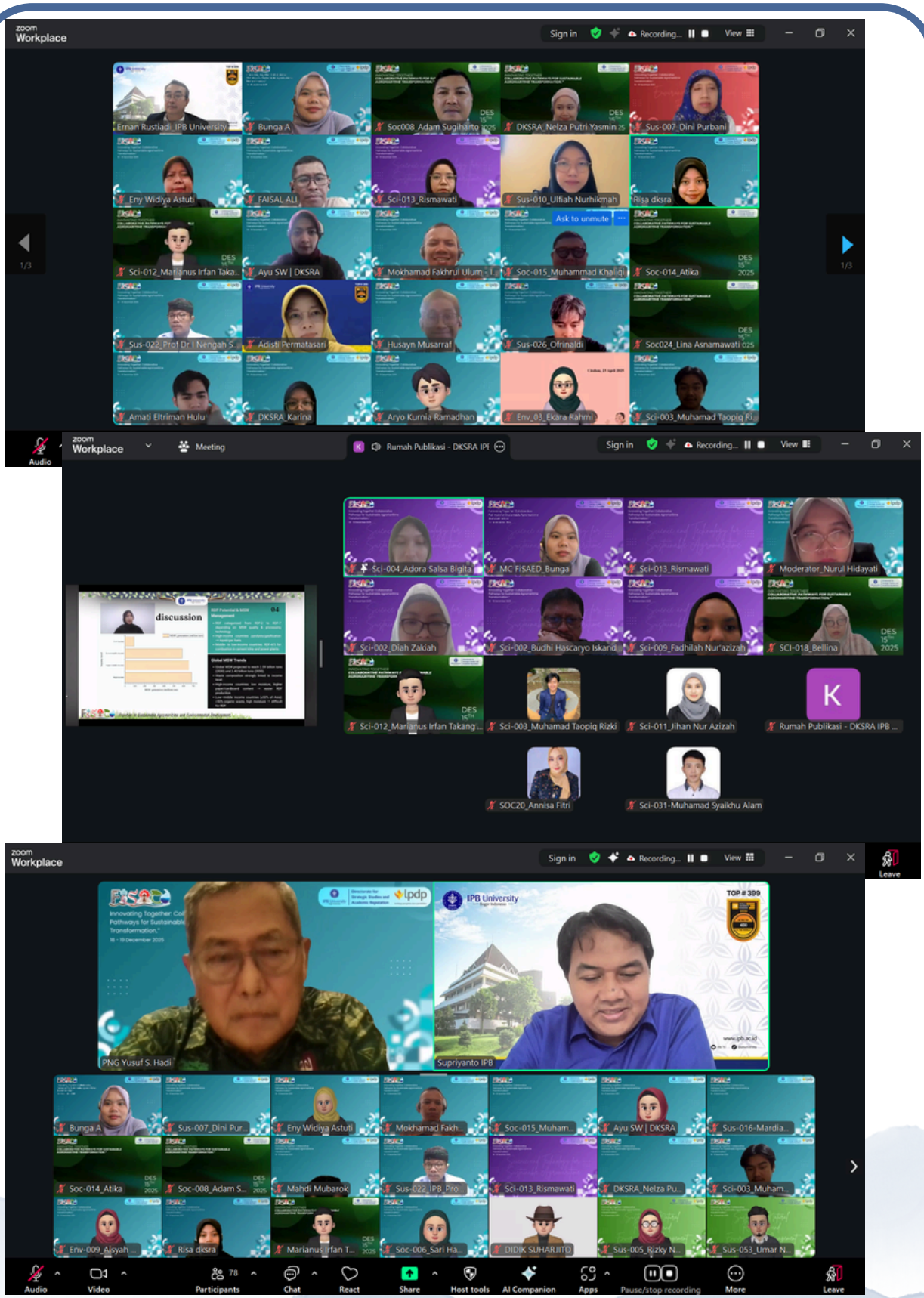
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Risa Nur Hidayah, S.E., M.Si

DOCUMENTATIONS



DOCUMENTATIONS





CLOSING

Throughout this international conference, we have embarked on a collective journey of discovery, learning, and the exchange of innovative ideas. Our shared commitment to fostering global cooperation, understanding, and progress has been abundantly evident.

Thank you for your attention and participation.

Bogor, September 2026
Chairman



drh. Mokhamad Fakhrul Ulum, M.Si., Ph.D