

## Welcoming Remarks from the Chairman

The honorable Rector of IPB University,  
Honorable members of the Scientific Committee,  
Distinguished speakers,  
Esteemed guests, and  
All participants of FiSAED 2025,

On behalf of the organizing committee, it is my great honor and pleasure to welcome all of you to this prestigious international conference hosted by IPB University. We are truly delighted to see such an inspiring gathering of researchers, academics, practitioners, and policymakers from across the globe, united by a shared commitment to advancing sustainable agromaritime and environmental development.

This year's theme, "Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation," embodies the spirit of partnership and innovation that lies at the heart of FiSAED. The global challenges we face today—ranging from climate change and food insecurity to marine ecosystem degradation—require not only scientific solutions but also the collective will to act together. Through this conference, we aim to create a space where ideas can converge, collaborations can flourish, and real-world impacts can emerge.

Since its inception, FiSAED has served as one of IPB University's flagship international platforms for promoting interdisciplinary dialogue and global cooperation. The conference brings together experts from agriculture, aquaculture, marine sciences, forestry, environmental management, and related fields to share knowledge, research, and experiences that support the transformation of agromaritime systems toward sustainability and resilience.

This year, we are proud to host distinguished speakers and participants representing universities, research institutions, government agencies, industries, and NGOs. We believe that their insights and experiences will not only enrich the scientific discussions but also inspire practical actions toward a sustainable future.

I would like to express my deepest appreciation to our Rector, Vice Rectors, and all supporting units of IPB University for their strong guidance and encouragement. My sincere gratitude also goes to the scientific committee, organizing teams, partner institutions, sponsors, and volunteers who have worked tirelessly to make this event possible. We also gratefully acknowledge the support of the Indonesian Endowment Fund for Education (LPDP), on behalf of the Indonesian Ministry of Higher Education, Science and Technology, managed under the EQUITY Program, Contract Number 4297/B3/DT.03.08/2025 and Number 42011/IT3/HK.07.00-4/P/B/2025, for its valuable support in making this conference possible. Finally, I thank all participants for your trust, enthusiasm, and contribution to this year's conference.

Thank you, and I wish you all a productive and inspiring conference.

Bogor, 18 December 2025  
Chairman of The Organizing Committee,  
**drh. Mokamad Fakhrol Ulum, M.Si., Ph.D**

## Welcoming Remarks from the Head of Scientific Committee

The honorable Rector of IPB University,  
Distinguished speakers,  
Esteemed guests, and  
All participants of FiSAED 2025,

It is my great pleasure, on behalf of the Scientific Committee, to welcome all of you to this remarkable international forum organized by IPB University. We are truly honored to have participants from various institutions, disciplines, and countries who share the same vision of advancing research and innovation for a sustainable agromaritime future.

The theme of this year's conference, "Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation," reflects the core mission of FiSAED—to promote interdisciplinary collaboration and knowledge exchange that drive real-world impact. The challenges we face in achieving food security, sustainable aquaculture, environmental resilience, and blue economy transformation are complex and interconnected. Therefore, scientific innovation must go hand in hand with strong collaboration across academia, industry, government, and communities.

As the Head of the Scientific Committee, I am delighted to share that this year's conference has attracted a diverse range of research contributions spanning agricultural sciences, marine and fisheries innovation, environmental management, circular economy, and climate-smart technology. Each paper and presentation in this conference represents a valuable effort toward building a more sustainable and inclusive future.

Our committee has worked diligently to ensure the scientific quality and integrity of all accepted papers. We are proud to collaborate with international publishing partners to ensure that selected papers will be disseminated through reputable indexed proceedings, allowing the knowledge shared here to reach a broader global audience. Beyond publication, we hope that FiSAED 2025 will inspire new collaborations, innovative research ideas, and long-term partnerships that continue beyond this event.

I would like to express my heartfelt gratitude to all reviewers, editorial teams, and co-organizers for their dedication in maintaining academic excellence. My special thanks also go to all authors and presenters—your research and insights are the heart of this conference.

Once again, welcome to FiSAED 2025. I wish you all engaging discussions, inspiring exchanges, and a successful conference ahead. Thank you very much.

Bogor, 18 December 2025  
Head of Scientific Committee,  
**Prof. Dr. Anuraga Jayanegara, S.Pt., M.Sc.**

## Welcoming Remarks from the Rector of IPB University

Distinguished speakers,  
Esteemed guests, and  
All participants of FiSAED 2025,

It is my great pleasure and privilege to extend a very warm welcome to all participants joining us here—both onsite and virtually. On behalf of IPB University, I would like to express our sincere appreciation for your presence and active participation in this significant academic gathering.

This year's theme, "Innovating Together: Collaborative Pathways for Sustainable Agromaritime Transformation," reflects the urgency and collective responsibility we share in addressing global challenges across agriculture, fisheries, and environmental sectors. The agromaritime domain, being central to food security, climate resilience, and economic sustainability, requires not only scientific innovation but also strong multi-stakeholder collaboration. Through this conference, we hope to strengthen the bridges between academia, policymakers, industries, and local communities in co-developing knowledge and technologies that foster sustainable transformation.

IPB University remains deeply committed to advancing sustainability science and inclusive innovation. Guided by our vision to become a leading research university in tropical agriculture, marine, and biosciences, IPB continuously drives initiatives that integrate education, research, and community empowerment to achieve the Sustainable Development Goals. FiSAED serves as one of our flagship platforms to translate science into practice and to connect researchers globally for impactful collaborations.

would like to express my deepest gratitude to all organizing committees, partner institutions, and contributors who have made this conference possible. I also extend my special appreciation to our distinguished speakers for sharing their valuable insights and to all participants for contributing your ideas, research, and experiences.

Let us take this opportunity to learn from one another, to strengthen partnerships, and to co-create innovative pathways toward a more sustainable agromaritime future. I wish you all fruitful discussions and a successful conference.

Thank you very much. Welcome to FiSAED 2025, and welcome to IPB University.

Bogor, 18 December 2025  
Rector of IPB University,  
**Dr. Alim Setiawan Slamet, S.T.P., M.Si.**