

Welcoming Remarks from the Chairman

The honorable Rector of IPB University, Prof. Dr. Arif Satria, S.P., M.Si
Honorable members of the Scientific Committee,
Distinguished speakers,
Esteemed guests, and
All participants of FiSAED 2024,

On behalf of the organizing committee, I am delighted to welcome each of you to the Frontier in Sustainable Agriculture and Environmental Development (FiSAED) 2024. This year's theme, "Frontier Agromaritime at the Cross-Road for Addressing Complex Issues," reflects the increasing significance of agromaritime research and development as a crucial sector to address today's complex challenges. We are excited to gather experts, researchers, and students here to explore innovative solutions for the future of sustainable agriculture and environmental resilience.

Regarding the technical implementation of FiSAED, we are holding the conference in a hybrid format, allowing participants to join in virtually on December 19-20, 2024. This approach not only makes the conference accessible but also enables us to connect with a wider international audience.

We are thrilled to announce that this year, FiSAED has set an ambitious target to accept 250 research papers, reflecting our dedication to advancing knowledge and innovation in agromaritime fields. This conference provides a significant opportunity for contributors to share their findings and insights, pushing forward the boundaries of sustainable development research.

Our organizing team is made up of dedicated 56 members, working across various committees, including the Advisory, Scientific, Editorial Board, Chairman, Secretary and Treasure, Publications, Logistics, Public Relations, Sponsorship, and Technical Support. Their dedication has been invaluable, ensuring a well-prepared and engaging event.

Lastly, I would like to extend my heartfelt thanks to every member of the organizing committee for their incredible work and commitment. Your contributions, energy, and resilience have brought this event to life, making it possible for us to gather today in the spirit of collaboration and knowledge-sharing.

Thank you, and I wish everyone a productive and inspiring FiSAED 2024 conference.

Bogor, 19 December 2024
Chairman of The Organizing Committee,
Drh. Mokhamad Fakhrul Ulum, M.Si., Ph.D.

Welcoming Remarks from the Head of Scientific Committee

The honorable Rector of IPB University, Prof. Dr. Arif Satria, S.P., M.Si
Esteemed speakers,
Honorable guests, and
All participants of FiSAED 2024,

First of all, on behalf of the entire Scientific Committee, allow me to extend our gratitude and appreciation to all of you for joining us at the Frontier in Sustainable Agriculture and Environmental Development (FiSAED) 2024. This year's theme, "Frontier Agromaritime at the Cross-Road for Addressing Complex Issues," serves not only as our main focus to respond to critical issues in the agromaritime sector but also as an opportunity to strengthen the synergy across disciplines in addressing the increasing complexities within this field.

This theme is not just a series of words; it is a call for all of us to engage, share knowledge, and collaborate to find sustainable and innovative solutions. Agromaritime, as a strategic sector, stands at the intersection of various aspects – from food security and environmental conservation to climate change – and addressing its challenges requires a multidisciplinary approach and close collaboration. Through this conference, we aim to build a solid foundation to tackle these issues with evidence-based and forward-thinking approaches.

In supporting this theme, the active role of academics, especially the IPB academic community, becomes highly significant. The Scientific Committee hopes that, through this forum, we can support the increase in both the quantity and quality of scientific publications. Scientific publications are essential tools to disseminate research findings and innovations that can benefit not only the scientific community but also have broader national and international impacts.

We hope that IPB researchers and all participants make the most of this conference to enhance their scientific contributions, sharpen research skills, and foster broader collaborative networks.

In closing, I encourage all participants to actively engage in the various sessions we have prepared and to make the most of this opportunity. May FiSAED 2024 be the starting point for breakthrough advancements in the agromaritime field that we can achieve together.

Thank You.

Bogor, 19 December 2024
Head of Scientific Committee,
Prof. Dr. Anuraga Jayanegara, S.Pt., M.Sc.

Welcoming Remarks from the Rector of IPB University

Distinguished Guests,
Esteemed Colleagues,
and Honored Participants,

It is my great honor and pleasure to welcome all of you to this prestigious event, the FiSAED 2024 Conference, with the theme "Frontier Agromaritime at the Cross-Road for Addressing Complex Issues." I would like to begin by expressing my heartfelt gratitude to all the organizing committees, participants, and stakeholders who contributed their time and effort to the success of this event. As the Rector of IPB University, it brings me immense pride in how far we have come to promote sustainable agromaritime development.

Today, we stand at the crossroads of numerous global challenges, including climate change, food insecurity, biodiversity loss, and economic instability. These challenges not only threaten our ecosystems and agricultural systems but also call upon us to reimagine how we can utilize our maritime and agricultural resources for a better future.

The agromaritime sector holds immense potential for Indonesia, the world's largest archipelagic nation, to address critical issues such as food security and sustainable development. By integrating land and sea resources, we can leverage innovation and forward-thinking solutions to maximize this potential.

IPB University aims to be a leading institution in developing sustainable and competitive innovations in agriculture, marine, and tropical biosciences. The theme of FiSAED 2024, "Frontier Agromaritime at the Cross-Road for Addressing Complex Issues," aligns closely with IPB's vision.

This theme addresses multidimensional challenges in the agromaritime sector, which is a core focus of IPB. FiSAED 2024 seeks to promote collaboration, innovation, and interdisciplinary approaches in tackling complex issues such as climate change, food security, and sustainable marine resource management. It invites academics, researchers, practitioners, and stakeholders to explore sustainable solutions to these challenges in agromaritime—reflecting IPB's mission to contribute to the advancement of agriculture and marine sectors in Indonesia and globally.

In conclusion, as we gathered here at FiSAED 2024, let us remember the urgency of our mission. We are not just here to discuss theories and ideas; we are also here to find actionable solutions to some of our most pressing problems. The crossroads we face in agromaritime development are critical, and the choices we make today will determine the future of our planet, our economies, and the wellbeing of future generations. I hope that this conference serves as a source of inspiration and catalyst for meaningful collaboration. We will work together to create a sustainable, resilient, and inclusive future through frontier agromaritime solutions.

On behalf of IPB University, I wish all the participants to be fruitful and engaging in conferences. May we leave this event with new ideas, stronger partnerships, and a renewed commitment to addressing the complex issues we face today.

Thank you.

Bogor, 19 December 2024
Rector of IPB University
Prof. Dr. Arif Satria, S.P., M.Si.