

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.