

Background

The Frontier in Sustainable Agromaritime and Environmental Development Conference (FiSAED) 2024 is inspired by the emergence of Agromaritime 4.0, which integrates advanced technologies into agriculture and maritime practices to enhance sustainability and efficiency. This new paradigm focuses on leveraging digital innovations, such as the Internet of Things (IoT), artificial intelligence (AI), big data, and automation, to optimize resource management and production processes.

As the global population continues to grow, there is an urgent need to address challenges related to food security, climate change, and environmental degradation. Agromaritime 4.0 presents opportunities to create smarter, more resilient systems that can respond effectively to these challenges. The integration of technology in agromaritime sectors allows for precise monitoring of crops and marine environments, improved logistics, and more sustainable fishing and farming practices.

FiSAED 2024 aims to explore how Agromaritime 4.0 can revolutionize the industry by promoting sustainable practices that benefit both the economy and the environment. The conference will serve as a platform for sharing innovative research, best practices, and collaborative solutions among stakeholders from diverse fields. Through discussions on topics such as digital transformation, sustainable resource management, and the role of technology in enhancing environmental health, FiSAED 2024 seeks to foster international cooperation and drive collective efforts toward achieving sustainable development goals in the agromaritime sector.