

Preface

The 2024 International Conference of Biological, Environment, Agriculture, and Food (ICoBEAF) is an esteemed international forum that brings together researchers, scholars, and professionals from across the globe. This conference provides a platform to share and discuss cutting-edge advancements and innovative research in the fields of Biological Sciences, Environmental Studies, Agriculture, and Food Technology. With a strong emphasis on sustainable development, ICoBEAF aims to contribute to improving quality of life and fostering a more sustainable future.

ICoBEAF'24 focuses on four main areas of interest. The Biological Sciences track covers topics such as Biotechnology, Ethnobiology, Ethnzoology, Biodiversity, Molecular Biology, Ecology, and Genetics. These subjects are critical for advancing our understanding of life processes and ecosystems, as well as developing new technologies to support biological sustainability.

The Environmental Studies track addresses key global challenges related to Environmental Management, Pollution Mitigation, Nature Conservation, Toxicology, Climate Change, and the Sustainable Use of Natural Resources. This focus highlights innovative strategies for protecting the environment and ensuring the sustainability of essential resources.

In the Agricultural Sciences track, the conference emphasizes areas such as Plant Breeding, Agro-industry, Organic Farming, Agrochemistry, and Plant Protection. These discussions aim to improve the efficiency and sustainability of agricultural systems while addressing environmental challenges in farming and food production.

The final track, Food Technology, explores topics such as Food Science, Smart Packaging, Safe Food Products, and Food Processing Innovations. This area underlines the importance of ensuring food security, safety, and sustainability in modern food industries.

ICoBEAF 2024 is privileged to feature distinguished speakers, including Prof. Takuya Sugahara from Ehime University, Japan, Prof. Parisa Ziarati from Islamic Azad University, Iran, and Prof. Dr. Sri Rahayu Lestari, M.Si. from Universitas Negeri Malang, Indonesia. Their expertise and contributions will enrich the discussions and inspire future research collaborations.

This proceeding reflects the collective commitment of the academic and professional community to fostering interdisciplinary collaboration and innovation for sustainable development. We hope that the insights and knowledge shared during ICoBEAF 2024 will serve as a catalyst for transformative solutions to global challenges.

Yogyakarta, July 16, 2024

ICoBEAF 2024 Committee