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We are pleased to present the inaugural issue of the Indonesian Journal of Agriculture and Environmental Analytics (IJAEA), a publication devoted to the integration of data-driven approaches in addressing the pressing challenges of agriculture and environmental sustainability. As global concerns around food security, climate change, land use, and resource management continue to grow, the need for accurate, evidence-based insights has never been more urgent.

IJAEA was founded with the vision of becoming a leading platform for research and innovation at the intersection of agriculture, environment, and analytics. By emphasizing analytical tools, statistical modeling, geospatial techniques, big data, and digital technologies, this journal seeks to bridge the gap between empirical research and actionable solutions in agricultural and environmental systems.

This first issue features a diverse selection of peer-reviewed articles that reflect the journal's commitment to academic rigor and practical relevance. Topics include precision agriculture, environmental monitoring, sustainable land management, climate impact assessments, and policy analytics. Each contribution represents a valuable step forward in our collective understanding of how data and technology can inform more sustainable and resilient practices.

We would like to express our heartfelt appreciation to the authors, reviewers, and editorial team whose hard work and dedication have made this publication possible. Their contributions have helped shape IJAEA into a trusted source of knowledge and a catalyst for interdisciplinary collaboration.

We invite researchers, practitioners, and policy-makers to explore the insights presented in this issue and to consider IJAEA as a platform for sharing future innovations. Together, we can advance sustainable development through the power of analytics and informed decision-making.

Happy reading

Professor Jen Peng Huang, Ph.D,  
Editor in Chief