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Table of Contents

Vol. 4 No. 1 January 2025

Editorial Team
Content
Editorial

The Effect of Potassium Fertilizer and Eco-Enzyme on the Growth and Production of Shallots (Allium ascalonicum L.) 1-12
Meylin Kristina Saragih, Pantas Simanjuntak, Lince Romauli Panataria, Efbertias Sitorus

Integrated Economic and Land Evaluation of Cocoa Commodity in Pintu Rime Gayo District, Nanggroe Aceh Darussalam, Indonesia 13-24
Dani Lukman Hakim

Effect of Chicken Manure and Magnesium on the Growth of Arabica Coffee (Coffea arabica L.) Sigararutang 25-36
Lasminar Siahaan, Rolan Siregar, Theodora MV Nainggolan, Lastayati Oppusunggu

Growth and Production of Shallots (Allium cepa L. Aggregatum group) in Highlands with Organic Fertilizer Treatment 37-46
Lambok Simatupang, Rolan Siregar

Evaluation of Rangeland Forage Improvement through Bush Controlling Techniques in Lowland Areas of Borana Zone, Southern Ethiopia 47-66
Feyissa DesisoKebeto, Yonas Aseffa Minyilu

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Editorial

Vol. 4 No. 1 January 2025

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