

About this Special Issue

This special issue of the Mindanao Journal of Science and Technology (MJST) is the result of a collaborative effort involving the authors, the University of Science and Technology of Southern Philippines (USTP), Bukidnon State University, Universitas Negeri Padang, and Universitas Negeri Yogyakarta. It features carefully selected papers in the fields of science, technology, and engineering, presented at the International Conference on Research, Innovation, and Investment (ICRII) held on September 16-17, 2024.

From the 84 papers submitted to MJST following the conference, only 15 successfully passed the rigorous double-blind peer-review and editorial processes, earning their place in this special issue.

The studies included in this issue, contributed by researchers from local and international academic institutions and relevant organizations, highlight the depth and ingenuity of research across diverse disciplines. These works delve into advancements in structural engineering through experimental and computational methods, the application of machine learning to address educational challenges such as identifying at-risk out-of-school youths, and environmental sustainability through the assessment of agricultural pollution and its effects on local governance and eutrophication management, among many others. Collectively, these studies demonstrate a steadfast commitment to tackling both global and local challenges through research and innovation.

On behalf of the MJST Editorial Board and the Publisher (USTP), I wish to recognize the Guest Editor of this Special Issue, Mr. Reymark P. Malinda; the Assistant Editors of MJST, Mr. Archemedes A. Lague, Engr. Christine Marie J. Madrid, Engr. Kristine Mae P. Dunque, and Mr. Arnel L. Edo; as well as the Technical Staff, Ms. Luvelle Jane T. Alo, for their meticulous efforts in reviewing the papers. I also extend my gratitude to the organizers of ICRII, led by the Conference Chair, Dr. Ismail N. Talili, for forging this partnership with MJST, the authors for selecting MJST as the publication venue for their work, and the esteemed reviewers for dedicating their time and expertise to ensuring the quality of the published papers.

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