

Editorial - Volume 4, 2025

It is with great pleasure that I present Volume 4 (2025) of the *Technoscience Journal for Community Development in Africa (TJCDA)*. This issue features twenty-five (25) carefully reviewed articles, reflecting the journal's sustained commitment to publishing high-quality, problem-oriented research that advances science, technology, and community development across Africa.

The papers in this volume span the journal's core thematic areas—Agriculture, Engineering and Technology, Pure and Applied Sciences, and Computer and Information Sciences. As reflected in the Table of Contents, contributions address contemporary issues such as agricultural productivity and sustainability, soil and animal science, post-harvest technology, materials and mechanical engineering, environmental and public health concerns, geoscience applications, as well as emerging trends in computing, artificial intelligence, machine learning, and digital systems development. Collectively, these studies underscore the interdisciplinary nature of technoscientific research and its relevance to Africa's developmental priorities.

As I assume the role of Editor-in-Chief, I wish to specially acknowledge the immediate past Editor-in-Chief, Prof. O. M. Aliyu, whose visionary leadership and dedication laid a very solid foundation for the journal. His efforts significantly strengthened the journal's academic standards, visibility, and credibility, upon which the new editorial team is proud to build. I also appreciate the unwavering support of the Director, Research and Development – Prof. Solihu Abdulkabir, towards the successful release of this issue.

Similarly, I express my sincere appreciation to the core editorial team for their

unwavering commitment and support, which were instrumental to the successful production of this issue. Our profound gratitude equally goes to the reviewers, whose rigorous, timely, and constructive assessments ensured the scholarly quality of the published articles. Finally, we thank our authors for choosing TJCDA as a platform to disseminate their research and for contributing meaningfully to the advancement of knowledge.

We trust that readers will find this volume intellectually stimulating and valuable, and we look forward to continued engagement from the research community as the journal advances its mission.

Olayinka Jelili Yusuf

Editor

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