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Editorial for the Journal of Technological Sciences Volume 2

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Volume 2 of the edition of the Journal of Technological Sciences comes at a time of renewed growth and enthusiasm within the green production systems scientific discipline area. This is steered by the developments in increased interest in climate change research, Artificial Intelligence, and the promotion of utilization of data science in decision-making. These aspects are gradually shaping the research pathways within our local, regional, and institutional institutions. Collectively, these research foci are at the forefront of generating innovations, goods, and services that improve the standards of living in many societies through positive impacts on human health, food security, and better livelihoods income.

This issue covers research topics on green technologies spanning from energy, to animal health and the application of mathematical modeling to support sustainable regional development programs. Articles that evaluated and monitored air pollution through advanced technological systems and the thermal performance of solar-designed systems give this issue a very good inclination towards research advancements on the aspects of green energy and the sustainable utilization of renewable energy resources. We are quite excited that our readers will find these articles as great stepping stones towards the development of innovations and further interrogation of these subjects in the renewable energy domain.

The issue also covers a critical review of poultry health in Southern Africa. This is quite an enriched peace of study that consolidates scientific evidence in this economically important area. Food security is globally regarded as a human right for any citizen, and thus the importance of research in small livestock production systems cannot be overemphasized.

Overall, this issue provides a well-balanced set of topics that span from addressing environmental pollution and optimizing renewable energy resources as well as the application of science-based approaches to enhancing policy and decision-making processes for multinational organizations.

I looking forward to our next and upcoming issue.

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