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NOTE TO CONTRIBUTORS

The *Journal of Geomatics and Environmental Research (JOGER)* is a peer-reviewed biannual journal published by the Department of Surveying and Geoinformatics, Faculty of Environmental Sciences, University of Ilorin. The journal is dedicated to disseminating high-quality scholarly research in geomatics, geospatial science, environmental studies, remote sensing, GIS, surveying, spatial data science, and related disciplines.

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The title should be concise, informative, bold, centered, and written in title case. The title page should include:

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- Problem statement
- Methodology
- Major findings
- Conclusions

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EDITORIAL

It is with great pleasure that I welcome our esteemed readers, researchers, practitioners and members of the academic community to this issue of the journal - **Volume 9, Number 1** of the *Journal of Geomatics and Environmental Research (JOGER)*—a peer-reviewed publication of the Department of Surveying and Geoinformatics, University of Ilorin, Nigeria.

This edition presents a diverse collection of scholarly contributions reflecting the growing relevance of interdisciplinary research in geospatial sciences, environmental management, architecture, planning, construction and the broader built environment.

The articles featured in this issue address a wide range of contemporary challenges and opportunities. They cover geospatial machine learning, spatial analysis, fire weather risk, Geospatial Artificial Intelligence (GeoAI), cloud-based construction management, agricultural productivity, crime mapping, hydrological modelling, sustainable building design, landslide detection, soil nutrient assessment, GNSS applications, land administration, urban growth, healthcare planning and flood risk management.

A major strength of this issue is the prominence of geospatial science and technology as tools for understanding and addressing complex environmental and societal challenges. The applications of Geographic Information Systems (GIS), Remote Sensing (RS), Global Navigation Satellite Systems (GNSS), machine learning, geostatistics and spatial modelling demonstrate the growing importance of spatial information in research, planning and decision-making. From predicting soil moisture and assessing fire weather risk to modelling urban growth, mapping flood risk and supporting sustainable agricultural production, these studies highlight the transformative potential of geospatial technologies.

The issue also demonstrates the importance of integrating technological innovation with environmental, social and institutional considerations. Contributions on sanitation, land administration, housing, healthcare accessibility and agricultural productivity show that sustainable development challenges require interdisciplinary approaches that recognise the relationships between people, places, technology and the environment.

Similarly, studies on passive design, energy efficiency, net-zero buildings, biophilic design and sustainable construction underscore the increasing responsibility of built environment professionals in addressing climate and environmental challenges.

On behalf of the Editorial Board, I sincerely appreciate all the authors whose valuable contributions have made this issue possible. I also acknowledge the reviewers for their expertise and constructive assessments, as well as the editorial and production teams for their dedication.

We hope that the articles published in this issue will stimulate further research, inform policy and professional practice, encourage innovation and contribute meaningfully to sustainable development. We invite our readers to engage critically with the diverse ideas and methodologies presented.

Thank you for your continued support of the journal. We remain committed to promoting rigorous, innovative and impactful scholarship in the service of knowledge and society.

Prof. J. B. Olaleye

Editor-in-Chief

On behalf of the Editorial Board, Journal of Geomatics and Environmental Research (JGER)

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