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About NIAJ

Journal of the Nigerian Institute of Architects (NIAJ) is an academic journal, which is coordinated by the Library and Publications Committee of the Nigerian Institute of Architects. The first issue of NIAJ was published in 1981. Before 2023 all copies of the journal were printed with ISSN 2315-8913, however since 2023, the journal is printed digitally.

The Journal of the Nigerian Institute of Architects, NIAJ publishes peer-reviewed, original research and review articles on architecture and the built environment in an open access format. NIAJ is a comprehensive journal, accepting articles that span the full extent of the social, behavioural and environmental sciences as well as the humanities. NIAJ aims to be the

leading journal in architectural research and practice matters. Through a rigorous review of relevant literature and evaluation of valid research methods in articles, the journal aims to be a publishing reference in the architecture field. While this journal is the flagship publication for The Nigerian Institute of Architects, papers are not restricted to the profession, rather multidisciplinary research is encouraged in line with global best practices.

NIAJ is calling for papers! All the manuscripts in architecture and civil engineering are welcome and appreciated. NIAJ publishes original research papers with high quality, and the submitted manuscript will go through peer-review process.

Editor-in Chief

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From the Chair, Library and Publications Committee

I am pleased to present the concluding issue of the 2023 BGM two-volume series on the critical theme of Transition, Transformation, and Sustainable Futures. This collection of cutting-edge research and analysis could not be timelier, as the world continues to grapple with the profound social, economic, and environmental changes unfolding around us.

The papers in this volume offer invaluable insights and frameworks for understanding the complex dynamics of transition and transformation toward more sustainable ways of living and organizing our societies. From examining the technological disruptions reshaping entire industries, to exploring new models of ecological economics and the shift to renewable energy systems, the authors tackle some of the most pressing challenges of our era.

What shines through is a deep commitment to not just describing the problems we face, but identifying pathways for positive, systemic change. Whether it's rethinking urban design, developing regenerative landscape practices, or envisioning new governance structures, these papers provide a hopeful - yet clear-eyed - vision for

how we can build a more resilient and equitable future.

It is my belief that the ideas contained in these pages will be essential reading for policymakers, business leaders, activists, and all those invested in creating a more sustainable world. As we grapple with the enormity of the transitions ahead, this work offers a vital roadmap - grounded in rigorous research and a diversity of perspectives - to help guide us through these transformative times.

We again extend our deepest gratitude to the authors, reviewers, and Editorial board of the Library and Publications Committee who have dedicated their time and expertise to make this digital two volume edition possible. Your contributions are invaluable, and we are honoured to showcase your work.

Arc Fitzgerald Umah, FNIA

Chair, Library and Publications Committee

Editorial: Transition, Transformation, and Sustainable Futures

I am honoured to introduce the concluding issue of the special BGM 2023 two-volume series exploring the critical themes of transition, transformation, and sustainable futures. The papers contained within these pages, like the first volume, represent some of the most innovative and insightful scholarship on the profound changes unfolding across our social, economic, and environmental landscapes.

In an era of accelerating disruption and uncertainty, this volume could not be more timely or essential reading. The contributors to this collection have risen to the challenge of not only mapping the complex dynamics of transition, but also charting pathways toward more sustainable and equitable futures.

From reimagining urban systems and rethinking vegetative practices, to grappling with the technological forces reshaping entire industries, the authors tackle some of the most pressing challenges of our time. What is particularly impressive is the breadth and depth of the analysis on display - drawing on diverse disciplinary perspectives to offer holistic, systems-level understandings of the transformations at hand.

Importantly, this work is not simply an academic exercise. Woven throughout these papers is a

palpable sense of urgency and a commitment to identifying practical, implementable solutions. The ideas presented here are eminently actionable.

It is our belief that the NIA Journal readership - comprising architects, professionals in the built environment, policymakers, and engaged citizens from around the world - will find immense value in grappling with the insights contained in this volume. As we collectively navigate the challenges of the 21st century, this publication stands out as an essential resource for those seeking to build a more resilient and equitable future.

The Journal of The Nigerian Institute of Architects is proud to amplify this vital research and commends the editors and contributors for their outstanding work, and I'm confident that this groundbreaking series will make an indelible mark on the critical discourse surrounding sustainability and societal transformation.

Arc Prof E.O. Ola-Adisa, PhD MNIA
Editor-in - Chief

Guide for Authors

NIAJ is a comprehensive journal, accepting articles that span the full extent of the social, behavioural and environmental sciences as well as the humanities. NIAJ aims to be the leading journal in architectural research and practice matters. Through a rigorous review of relevant literature and evaluation of valid research methods in articles, the journal aims to be a publishing reference in the architecture field. While this journal is the flagship publication for The Nigerian Institute of Architects, papers are not restricted to the profession, rather multidisciplinary research is encouraged in line with global best practices. The articles must be original and should not have been published previously, and the manuscript will be double-blind peer-reviewed. NIAJ is a unique open access publication that provides free full text download of all articles published in the journal through the platform (<https://niaj.org>) without any page charges or subscription requirements. Authors are invited to submit papers through the submission system. Once your article is accepted, you will receive an email from the submission system. The email contains a link to check the status of your article. Before you contribute to NIAJ, you should read the following contents

Types of paper

Contributions falling into the following categories will be

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- Permission has been obtained for use of copyrighted material from other sources (including the Internet) and checked for plagiarism as NIAJ will not accept more than 25% similar materials.
- Journal policies detailed in this guide have been reviewed

Publishing ethics

This journal operates a double-blind review process. All contributions will be initially assessed by the editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. The peer review process is following: Author submits paper to journal → Editor's initial evaluation of paper (go to next step if it meets the requirements of journal, otherwise reject and inform author) → Invite experts for peer review → Experts send comments to editor → Editor decides to accept (or reject and inform authors) → Editor asks author to revise → Author revises and submits revised paper → Editor and/or original reviewers re-evaluate to decide further revisions needed or reject or accept → Inform author

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