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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

architectural leadina journal in research practice and matters. Through a rrigorous 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 the profession, rather to multidisciplinary research 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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ii www.nia.ng June 2023. Vol. 1

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From the Chair, Library and Publications Committee

It is my pleasure to introduce the new digital format of the Journal of The Nigerian Institute of Architects, NIAJ, which brings with it several advantages. First and foremost, it allows us to reach a wider audience beyond the confines of traditional print distribution. Architects. researchers, and enthusiasts from across Nigeria and around the world can now access our journal with ease, fosterina a alobal exchange of ideas and perspectives. Additionally, the digital platform enables us to incorporate multimedia elements such as videos, interactive graphics, and hyperlinks, enriching reading experience and providing deeper insights into the topics at hand.

We must also acknowledge the challenges that come with this transition. Not everyone has equal access to the internet or digital devices, and we are committed to addressing this disparity. While we celebrate the digital edition, we remain dedicated to ensuring that printed copies are available to those who prefer or require them. Our aim is to strike a balance that

embraces the future while also respecting the diverse needs of our readership.

As we embark on this new chapter in the NIAJ's history, we 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 edition possible. Your contributions are invaluable, and we are honoured to showcase your work.

We invite all readers to explore the pages of this digital edition with curiosity, open-mindedness, and a desire to learn and engage. We hope that this maiden digital issue of the NIAJ will serve as a catalyst for new conversations, research, and transformative ideas within the Nigerian architectural community and beyond.

Together, let us embrace the digital era and embark on a journey of knowledge, innovation, and progress in the field of architecture.

Arc Fitzgerald Umah, MNIA

Chair, Library and Publications Committee

Editorial: Embracing the Digital Era: A New Chapter for the Journal of the Nigerian Institute of Architects

Welcome to the long-awaited digital edition of the Journal of the Nigerian Institute of Architects (NIAJ). After an eight-year hiatus, we are thrilled to present this maiden digital issue, marking a significant milestone in our commitment to advancing architectural knowledge and discourse in Nigeria.

The decision to transition from print to digital format was not taken lightly. We understand that this change may be met with mixed feelings, as some readers hold a sentimental attachment to the tangible pages of a traditional journal. However, we firmly believe that embracing the digital era is a necessary step forward to enhance accessibility, reach, and interactivity our esteemed for readership.

In this edition, we have curated a diverse range of papers showcase the rich tapestry of architecture, Nigerian both We traditional modern. and recognise the importance of preserving architectural our heritage, and hence, we have dedicated a significant portion of this issue to explore the historical and theoretical aspects of Nigerian traditional architecture. These papers delve into the intricacies of indiaenous design principles, materials, and construction techniques, shedding light on the

profound influence they have had on our built environment. Furthermore, we recognise the pressing need to address contemporary challenges facing the field of architecture.

Our commitment to sustainability has led us to feature papers on two critical topics: indoor air quality and sustainable development The former delves into the impact of indoor air pollution on occupant health in pharmaceutical factories, while the latter highlights the role of architecture in promoting sustainable practices. We believe these contributions will inspire architects to integrate healthier and more sustainable design strategies into their projects.

In addition to these topics, we also shine a spotlight on the oftennealected aspect of entrepreneurship in architectural practice. We explore the skills, mindset, and tools needed to thrive in today's competitive landscape, empowering architects to not only create exceptional designs but also successfully navigate the business side of the profession. By addressing these critical aspects, we aim to foster a vibrant community of entrepreneurial architects who can shape the future of our built environment.

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 practice research and matters. Through a rigorous review relevant literature of and evaluation valid of 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 doubleblind peer-reviewed. NIAJ is a unique open access publication provides free full that 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 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 considered for publication: Original research papers, Reviews.

Please ensure that you select the appropriate article type from the list of options when making your submission. Authors contributing to special issues should ensure that they select the special issue article type from this list.

Submission checklist

You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

Ensure that the following items are present:

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- All references mentioned in the References are cited in the text, and vice versa

vii

- 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 а minimum of sent to two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision reaardina acceptance or rejection of articles. The Editor's decision is 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→ **Fditor** original and/or reviewers evaluate to decide further revisions needed or reject or accept \rightarrow Inform author

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Table of Contents

Articles Visual Quality Assessment of Selected Public Buildings in Lagos State Adedoyin Waheedat Elegbede, Oluwadamilola Ajoke Alabi and Adewale Segun Alabi	1-5
Evaluation of facades of palaces in Abeokuta, Ogun State Khaleedah B. Jolaoso, Adewale Segun Alabi and Oluwadamilola A. Alabi	6-13
Review of the Literature on the Evaluation of Indoor Environmental Quality in Pharmaceutical Factory Building Agmada John Bawa	14-26
Foreign Influences and Actors of Change: Heritage Architecture in Nigeria's Niger Delta (1860 – 1960) Warebi Gabriel Brisibe	27-45
Entrepreneurship and viability in Nigerian Architectural firms Erekpitan Omoikhefe Ola-Adisa and Yakubu Aminu Dodo	46-53
Desegregated Categorisation of Architectural Heritage in Selected Cultural Landscapes of North-West Nigeria Markus Bala Ryal-Net, Yohana Chanle Sati and Erekpitan Omoikhefe Ola-Adisa	54-68