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DYNAMIC SYNERGY OF SUSTAINABLE FUTURE
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About the Journal

IJEAS is a full refereed journal and is regularly published in two issues (February and August) in a year in English. IJEAS is open to articles and book reviews about Environment, Architecture, and Societies related to the substance in design, planning, building technology and construction, urban and settlement, history and arts, research, and education.

AIM: This journal aims to disseminate research findings, ideas, and reviews on the subject of Environment, Architecture, and Societies. IJEAS is also aiming to contribute to scientific research, practice, and education by publishing national and international studies.

CONTRIBUTORS: Academicians/practitioners/professionals, researchers, educators, designers, and planners will respect the audience and the contributors to the journal.

CONTENT: IJEAS has three sections. The Research section provides a current or expected contemporary subject in the national or international area. The articles that are not related to the research's subject section will be published in the theory section. Peer-review activities in a regular period for Referees to accept submitted articles in both sections before publication. The book review section covers the book critics in related subjects.

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Message from Editor

We are pleased to present the latest edition of the International Journal of Environment, Architecture, and Societies (IJEAS), Volume 4, Issue 1 for the year 2024. Within the pages of this journal, we explore topics encompassing the fields of environment, architecture, and societies. Our focus spans from design, planning, and building technology to urban and settlement studies, history, arts, research, and education.

The Volume 4 Issue 1 addresses a theme: **Dynamic Synergy of Sustainable Future for Environment, Architecture, and Societies**. For this issue, a selection of five titles has been made with thoughtful consideration. They are: *Quantifying Fire Risks in Pontianak for Future Planning and Development*; *Assessing Thermal Comfort Parameters in Public School Buildings for Tropical Areas: A Study of Teacher's Lounge of SDN 27 in North Pontianak*; *Blue Urbanism: An Insight of Navigating Climate Change in Humid Tropical Cities in Brunei Darussalam*; *Pedestrian Priorities: Unraveling Walkability Challenges in Shah Alam's Neighborhoods*; *Privatization and Social Relations: Meanings of Women's Land in the Modern Indigenous Society, Taiwan*. The papers were submitted by authors from Brunei Darussalam, Indonesia, Malaysia, dan Taiwan.

The first article investigates the quantification of fire risks in Pontianak, aiming to develop strategies for future planning and development. The research emphasizes the importance of proactive measures, such as equipping homes with fire extinguishers and enhancing accessibility, to mitigate risks and bolster urban resilience. The second article focuses on assessing thermal comfort parameters in public school buildings in North Pontianak. Through computational fluid dynamics (CFD) simulation and observation, the study formulates indicators to improve thermal conditions, such as adding heat loads and optimizing ventilation. In the third article, the concept of "Blue Urbanism" is explored as a response to climate change challenges in humid tropical cities like Brunei Darussalam. The study proposes adaptive strategies, inspired by Brunei's historical urban planning over water, to mitigate the impacts of rising sea levels and increased precipitation. The fourth article investigates walkability challenges in Shah Alam's neighborhoods, particularly focusing on Persiaran Bestari. The findings highlight the importance of pedestrian-friendly infrastructure in fostering walkable neighborhoods and reducing reliance on vehicular transport. Lastly, the fifth article delves into the privatization of land ownership among the Truku people in Taiwan and its implications on gender relations. It examines the conflicting perspectives between traditional customs and modern legal frameworks, shedding light on the social dynamics and land reclamation movements within Truku society.

We extend our sincere gratitude to the authors for their unwavering dedication and scholarly contributions, which have enriched our understanding of these critical fields. As you peruse through these abstracts, we hope you will find inspiration and insight that propel further exploration and discourse. It is our aspiration that this compilation serves as a catalyst for new discoveries, innovative solutions, and collaborative endeavors in our shared quest for knowledge and understanding.

Thank you for joining us on this journey of discovery, and we look forward to the fruitful discussions and advancements that will undoubtedly ensue.

Enjoy reading!

Zairin Zain

Editor in Chief



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