

# JARS

**Journal of Architectural/Planning Research and Studies | Volume 12. Issue 1. 2015**

**12(1).2015**

วารสารวิจัยและสาระสถาปัตยกรรม/การผังเมือง ปีที่ 12 ฉบับที่ 1. 2558

**JOURNAL OF ARCHITECTURAL/PLANNING RESEARCH AND STUDIES | VOLUME 12. ISSUE 1. 2015**

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<http://www.tds.tu.ac.th/jars>

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JARS Published bi-annually:

JARS 12(1) September - October 2015

JARS 12(2) November - December 2015

ISSN 1905-2022

Printed and bound by

Thammasat Printing House, Pathumthani 12121, Thailand

Tel: 66-2-564-3111 Fax: 66-2-564-3119

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# Editorial

With the great pleasure, we would like to present the Volume 12, Issue 1 of peer-reviewed journal of the Journal of Architectural/Planning Research and Studies (JARS). Our journal has been ranked based on Thai Journal Impact Factors (T-JIF) is 0.143 for year 2014. In addition, we are privileged to announce that our journal was also nominated to ASEAN Citation Index (ACI) which is a central regional database. ACI was designed and set up to index all the bibliographic records and the citations of all quality ASEAN research outputs appeared in the ASEAN scholarly journals of 10 member countries; Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, the Philippines, Singapore, Thailand, and Vietnam. The quality of the research works presented in this issue reflected through the original high-quality papers in the realm of architecture, urban planning and real estate development of 8 papers which comprise of the following details:

- The first aimed to study essential design criteria for effective self-directed learning spaces in the university in compliance with a human-centered design concept;
- The second investigated modern Thai architectural identity with a focus on architectural composition for utilities and spatial connection, including aspects of inheritance, transformation and reinvention;
- The third presented the optimization of light shelf performance with curved ceiling geometries;
- The fourth examined the standard electricity utilization in beach resort hotels based on a survey of four 4-star beach resort hotels in Chonburi, Thailand;
- The fifth identified the important causes which influenced on the transformation of Chiang Mai as a modern city;
- The sixth explored the value and significance of cross-cultural study and exchange and demonstrated the value of collaborative and cooperative learning in architectural education;
- The seventh demonstrated the procedure for development of a support system to protect cultural heritage from flood risk (PCH) plug-in tools in SketchUp by the conceptual design integrated with urban management and local neighborhood;
- The last applied the concept of Public Real Estate Management (PREM) to a case of Bangkok Government Complex.

Furthermore, this journal includes a review article which summarized the significant parameters in building energy simulation for determining the potential of energy saving and improving the model accuracy in various building types including offices, single rooms, homes, multi-family buildings, and other commercial buildings. We are also very pleased to present our book reviews which provide an idea about the analysis of the causes, effects, and solution to urban sprawl situation in case of western context, including historical, legal, political and socio-economic from “Urban Sprawl: A Comprehensive Reference Guide” edited by David C. Soule.

It is our hope that this fine collection of papers will be a valuable resource for all readers who are both researchers and practitioners, presenting verifiable methods, findings, and solutions. Finally, this issue would not have been possible without the great support of our editorial board and reviewers, and we would like to express our sincere gratitude to all of them. We would also like to express our appreciation to our editorial staff who contributed throughout preparation of this volume.



Associate Professor Pawinee Lamtrakul, Ph.D.

Editor-in-Chief

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