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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 Iamtrakul, Ph.D.

Editor-in-Chief

# Contents

- 1 Review Article: Significant Parameters in Building Energy Simulation  
ตัวแปรสำคัญสำหรับการจำลองพลังงานในอาคาร  
*Daranee Jareemit and Natthaumporn Inprom*
- 15 การออกแบบพื้นที่สำหรับการเรียนรู้ด้วยตัวเองในมหาวิทยาลัย  
Design for Self – Directed Learning Spaces in University Case Study at Thammasat University, Rangsit, Thailand  
*Busakorn Romyanond*
- 29 การจัดองค์ประกอบเพื่อการใช้สอยและการเชื่อมต่อที่ว่างในสถาปัตยกรรมไทยสมัยใหม่  
Architectural Composition for Utilities and Spatial Connection in Modern Thai Architecture  
*Santirak Prasertsuk*
- 49 Integrated Tensile Fabric Curved-Ceiling with Lightshelf for Daylight Performance in Office  
การออกแบบฝ้าเพดานผ้าใบที่ใช้งานร่วมกับหิ้งสะท้อนแสงเพื่อเพิ่มประสิทธิภาพการใช้ประโยชน์จากแสงธรรมชาติสำหรับอาคารสำนักงาน  
*Tippawan Limsatjanapit and Pimonmart Wankanapon*
- 59 การศึกษาลักษณะการใช้พลังงานไฟฟ้าเพื่อการอนุรักษ์พลังงานสำหรับโรงแรมพักตากอากาศริมทะเลจังหวัดชลบุรี  
A Study of Electricity Utilization in Beach Resort Hotel, Chonburi Province for Energy Conservation  
*Nattabhas Rasmimanonda and Suphawadee Ratanamart*
- 79 Reflection of Modernity: Re-exploring the Role of Modern Architecture in Chiang Mai (1884-1975)  
ภาพสะท้อนความทันสมัย: ทบทวนบทบาทสถาปัตยกรรมสมัยใหม่เมืองเชียงใหม่ ระหว่างปี พ.ศ. 2427 – 2518  
*Sant Suwacharapinun*
- 103 Bridging the Horizon: A Collaborative and Cooperative Approach for Cross-cultural Learning on the Artistic and Architectural Heritages of Central and Northern Thailand.  
การเชื่อมโยงองค์ความรู้: ความร่วมมือในการเรียนรู้ข้ามวัฒนธรรมจากมรดกทางศิลปะและสถาปัตยกรรมในภาคกลางและภาคเหนือของประเทศไทย  
*Koompong Noobanjong and Chaturong Louhapensang*
- 123 Development of Support System Tools for Protect Cultural Heritage Sites from Flood Risk (PCH) Plug-in Tools  
การพัฒนาเครื่องมือที่ใช้ระบบการสนับสนุนสำหรับการป้องกันความเสี่ยงจากน้ำท่วมของพื้นที่มรดกทางวัฒนธรรม  
*Wittaya Daungthima and Kazunori Hokao*
- 135 Public Real Estate Performance Measurement: A case study of a Bangkok Government Complex  
การประเมินประสิทธิภาพของอาคารราชการ: กรณีศึกษาอาคารศูนย์ราชการ กรุงเทพฯ  
*Chaiwat Riratanaphong and Theo J.M. van der Voordt*

## Book Review

- 149 Urban Sprawl: A Comprehensive Reference Guide  
*Siwaporn Klinmalai, Ph.D.*