

A special issue on Physical and Technical Geography Issues in Urbanism

2020 International Conference on Urban Sustainability, Environment, and

Engineering (CUSME 2020)

Bali, Indonesia, 20-21 January 2020

The development of sustainable urban is a necessity where megatrends 2030 triggered by the Industrial Revolution 4.0 estimates urbanization will increase sharply, especially in Asia. City authorities must make appropriate policy choices to protect the provision of equitable housing, health, and transportation services in the future. If the authorities fail to provide services on the policy and regulations, it would clearly endanger the long-term environmental and could threaten economic productivity.

To address various issues faced by urban phenomena, man-made activities, and the political will run by the authorities along with the major role of scientist to contribute to the urban sustainable development, Universitas Pembangunan Jaya (UPJ) and Naresuan University Thailand, Universiti Teknologi MARA (UiTM) Perak Branch, Malaysia, and Udayana University Bali, Indonesia have hosted and organized the meeting which focused on the theme '*Urban Life and Technology*'. The meeting was named The 2020 International Conference on Urban Sustainability, Environment, and Engineering (CUSME 2020) which was held on January 20-21, 2020 at Prime Plaza Hotel Sanur, Denpasar, Bali, Indonesia.

In this meeting, we want to give solution like, what is the current information on urban studies that drive digital transformation and efficiencies. How can we respond to the effects of climate change in our environment, urbanization, and other related areas? Can we encourage various sectors to participate in urban sustainability management? And the most important question is, what can we do to harmonize our lifestyle with the consequences of enabling technology? This is still big questions. We hope to find out the solution.

Two big key topics in the area of urban sustainability, environment, engineering has been discussed during the conference: (1) track on Environment Science and Engineering, and (2) track on Management and Tourism. For the first track, it covers such as climate change and mitigation, green energy, infrastructure and ecology, development and planning, pollutions and reduction strategies, urbanization of rural areas, remote sensing and geospatial analysis, sustainable transport and mobility, urban environment and management. For the second track, it covers such as urban economics, urban policy and government, urban lifestyle and quality life, finance and accounting, and tourism in the Digital Era. These broad topics will bring together experts and researchers in related fields, making it fertile ground to share and discuss ideas, knowledge, perspectives, methods, research results, and policy ideas in urban contexts. For the second track, only selected paper that related to the journal theme is proposed for the special issue.

The format of the meeting consisted of opening remarks, invited talks by five keynote speakers from a different background that covers various urban sustainability, environment and engineering. The talks delivered and papers presented in four brain-storming technical sessions were categorized into the four sessions. For the first time, we received and presented 127 papers from eight different countries. For the academic efforts, we only consider proposing research articles with high quality of 18 articles for publication in the Special issue

and 10 articles in the regular's issues of *Geographia Technica*, an International Journal of Technical Geography.

It is an honour to present this volume to *Geographia Technica* and we are very grateful to the authors for their enthusiasm for attending and sharing knowledge at the conference. We express our sincere gratitude to committee members and all those who have helped us to organize the conference successfully and develop a very interesting program. Finally, we would like to extend our sincere gratitude for making CUSME 2020 a tremendous success: Keynote Speakers, Reviewers, Collaborators, Sponsors, and Participants.

Guest Editor
Wayan Suparta (Chief)
Johannes H. Siregar
David Pangaribuan
Hendy Tannady
Aries Yulianto
Nur Uddin

LIST OF REVIEWERS FOR THE SPECIAL ISSUE

No	NAME	INSTITUTION
1	Ahmad Asmalia Che	Universiti Teknologi MARA
2	Dewiyanti Dhini	Universitas Komputer Indonesia
3	Gomez Jose Edgardo Jr	University of the Philippines
4	Hamzah Baharuddin	Universitas Hasanuddin
5	Koerniawan Mochamad Donny	Institut Teknologi Bandung
6	Mochtar Sahid	Universitas Pembangunan Jaya
7	Navapan Nattika	Naresuan University
8	Pratoomchai Weerayuth	Naresuan University
9	Rahman Ari	Universitas Pertamina
10	Siregar Johannes H	Universitas Pembangunan Jaya
11	Subsomboon Kumpon	Naresuan University
12	Suparta Wayan	Universitas Pembangunan Jaya
13	Tanratanawong Sirichai	Naresuan University
14	Tantanee Sarintip	Naresuan University
15	Uddin Nur	Universitas Pembangunan Jaya
16	Ukaew Ananchai	Naresuan University
17	Wahyuni Yuni Sri	Universitas Muhammadiyah Sukabumi