

The 3rd International Conference on Green Civil and Environmental Engineering



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CALL FOR PAPER
Virtual CONFERENCE
12 August 2021



Keynote Speakers

Dr. Mohd Syahrul Hisyam Mohd Sani
Universiti Teknologi MARA, Malaysia



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National Taiwan University, Taiwan



Important Dates

Announcement of Call of Paper	31 January 2021
Paper Submission Deadline	5 June 2021
Announcement of Accepted Paper	4 July 2021
Early Bird Registration Deadline	9 July 2021
Normal Registration Deadline	31 July 2021
Video Conference Submission Deadline	5 August 2021

Conference Fee

Presenter	
Domestic	
Early Bird	1.500.000 IDR
Normal	1.750.000 IDR
Additional paper (per title)	1.000.000 IDR
International	
Early Bird	125 USD
Normal	150 USD
Additional paper (per title)	100 USD
Participant	
Domestic	
	250.000 IDR
International	
	50 USD



All accepted papers will be published in Scopus indexed proceedings

Topics

- Sustainable transport challenge

- Sustainable construction and building materials

- Sustainable technology in building and infrastructure

- Forensic process in structures and infrastructure: assessment, repair, and rehabilitation

- Disaster-resistant structures designs

- Technologies for safety and health management in construction

- Supply chain management

- Green building and materials

- Sustainable cities and architecture

- Renewable energy for built environment

- Waste treatment and management

- Energy and nutrient recovery from waste and wastewater

- Sustainable technology for water and wastewater treatment

- Resilience of Water Resources Management in A Global Challenge

- Challenges of Integrated Water Resources Management

- GIS application in civil engineering

GCEE 2021 Secretariat

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Publisher

IOP Publishing Scopus[®]

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GCEE 2021

Nowadays, the level of global awareness about the quality of environment and its impacting changes to the society has increased sharply. Various kinds of activities in anticipating intense global warming throughout the world, methods in attaining efficiency and energy use, are some efforts in minimizing environmental damage. Construction industry plays a major contribution on campaigns to anticipate global warming. Stakeholders related to the construction industry, including building owners, planner, builder, operator, and residents, as well as academia and researchers play their roles as construction service agent to minimize the negative impacts on environment.

The concept known as Green Construction demands all actors in the industry to pay high attention to environment aspects. All parties should have to follow the sustainable and green principles, codes, and regulations, starting from the planning stage, use of materials, development stage, operation, to the maintenance periods. The 3rd International Conference on Green Construction and Environmental Engineering will be held to be a sharing forum. All academia, researchers, and students are invited to share their experiences in answering the challenges. The conference, as continuation of previous conference, will cover the following topics: green materials, green construction methods and technologies, sustainable techniques in buildings and infrastructures, geopolymer and its application, infrastructure maintenance and repair, sanitation system and technology options, sustainable technology for water and wastewater treatment, green building, water resources management, and solid-hazardous waste management. Civil Engineering Department was established in 1965 as part of Faculty of Technical Teacher Training (Fakultas Keguruan Teknik or FKT), Institute of Teacher Training and Education (IKIP), Malang. When FKT was converted into the Faculty of Technology and Vocational Education (Fakultas Pendidikan Teknologi dan Kejuruan of FPTK) in 1981, the Civil Engineering Department then became Department of Building Engineering Education. In 1997, IKIP Malang was given wider mandate to become a full university and it was followed by some changes in all faculties and schools. FPTK then changed to become Faculty of Engineering (Fakultas Teknik or

FT) which consists of four departments: Mechanical Engineering, Civil Engineering, Electrical Engineering, and Industrial Technology. Since 2011, the Civil Engineering Department has three undergraduate study programs (civil engineering, building engineering education, and diploma for civil engineering) and one master program in civil engineering at graduate school. As one of global partnerships approach, since 2013 the Civil Engineering Department FT-UM develop a long-term cooperation with Indonesia-Malaysia Geo-polymer Society, University of Malaysia Perlis, Sepuluh Nopember Institute of Technology, Petra Christian University, and KORIGI (Konsorsium Riset Geo-polymer Indonesia). Under this cooperation, some research activities, joint seminars, and international conferences had been held regularly.