



ICEED 2022

# The 6<sup>th</sup> International Conference on Eco Engineering Development 2022

Jakarta, 16-17 November 2022 (Virtual Conference)

**TOWARDS ECO FUTURE ENGINEERING: RESEARCH, ANALYSIS AND RESOLUTION ON ENVIRONMENTAL DEVELOPMENT THROUGH INNOVATIVE TECHNOLOGY, GREEN INFRASTRUCTURE, PLANNING AND DESIGN**

## KEYNOTE SPEAKERS



**Prof. Dr. Chin-Kun Wang**  
Chung Shan Medical University, Taiwan



**Prof. Dr. Eng. Made Suangga**  
Department of Civil Engineering,  
BINUS University



**Assoc. Prof. Dr. Agus Pulung Sasmito**  
Mining Engineering, McGill University,  
Canada



**Assoc. Prof. SMN Aroscha Senanayake, PhD**  
Founder & Leader of IntelliHealth Solutions,  
Universiti Brunei Darussalam



**Ardian Nengkoda, PhD.**  
Development Specialist / GFD, P&FDD  
Exploration & Petroleum Engineering, Saudi  
Aramco, Saudi Arabia.



[Further information  
engineering.binus.ac.id/iceed/](http://engineering.binus.ac.id/iceed/)

## SECRETARIAT

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## CALL FOR PAPER

The 6th ICEED 2022 is an international forum to provide an environment that encourages interplay between scientific and technological issues for academicians, researchers, practitioners, and students from various related fields of civil engineering, architecture, food technology, industrial engineering, and computer engineering to gain current knowledge and technology, and to form a broad network that in turn can facilitate any possible collaboration. Full-papers describing original work on the indicated conference topics of interest are cordially invited.

## IMPORTANT DATES

Full paper submission	<del>15 September 2022</del> 30 September 2022
Notification of acceptance	<del>15 October 2022</del> 25 October 2022
Payment deadline	8 November 2022
Camera ready paper submission	10 November 2022
Conference date	16-17 November 2022

## PUBLICATION

All accepted and presented papers will be submitted for publication in Scopus-indexed proceeding, namely the IOP Conference Series: Earth and Environmental Science or Springer Book Series: Lecture Notes in Electrical Engineering (LNEE).

## REGISTRATION INFORMATION

Participants	Categories		
	Professional	Student	2nd paper
Local Presenter	IDR 3,000,000	IDR 1,800,000	IDR 1,800,000
Local Non Presenter	IDR 1,800,000	IDR 1,800,000	-
Inter-national Presenter	USD 250	USD 150	USD 100
Inter-national Non Presenter	USD 100	USD 150	-

\*Student ID is required for verification

## CALL FOR SUBMISSION

Prospective authors with an interest in the indicated conference topics are cordially invited to submit their full paper(s) electronically. All full paper submissions will be selected through a double-blind peer review process based on technical, quality, and presentation criteria. Only accepted and presented papers will be submitted for publication in the IOP Conference Series: Earth and Environment Science (EES) for Topic of Interest 1 and in the Springer Book series: Lecture Notes in Electrical Engineering (LNEE) for Topic of Interest 2.

## CONFERENCE TOPICS

### TOPIC OF INTEREST 1

All accepted and presented papers will be **submitted** for publication in the **IOP Conference Series: EES.**

#### Sustainable Infrastructure Management and Technology.

- Sustainable infrastructure management and, Virtual Environmental Planning and Management System
- Eco hydraulic, sustainable water management, and water supply
- The ecological treatment system for wastewater
- Sustainable transportation management
- Sustainable structural engineering
- Environmental Sustainability in Digital Transformation
- Sustainable Geotechnical engineering
- Integrated coastal zones management
- Water energy and sustainable water resources management
- Energy efficiency and management in Industry 4.0
- Sustainable energy and environment
- Green infrastructure economic framework
- Policy in sustainable infrastructure
- Health, safety, and environmental management in construction project

#### Eco-Architecture Planning and Design

- Building material and construction.
- Digital architecture (relate to Earth and Environment aspects).
- Eco-architecture design.
- Green architecture and environment.
- Innovative architectural design (relate to Earth and Environment aspects).

#### Innovative Food Technology.

- Food Innovation
- Food biotechnology and bio-processing
- Eco-friendly food packaging
- Green technologies in food production and processing
- Food Security and Functional Foods

### TOPIC OF INTEREST 2

All accepted and presented papers will be **submitted** for publication in the **SPRINGER.**

- Internet of things.
- Edge computing.
- Cloud computing.
- Smart devices.
- Wearable devices.
- Wireless system.
- Cyber security.
- Computer network.
- Mobile application technology
- Mobile robotics.
- Industrial automation.
- Artificial intelligence.
- Computer vision.
- Natural language processing.
- Digital farming.
- Renewable energy.
- Application of computer science and engineering.
- Smart City,
- Smart Building,
- Virtual and Augmented Reality
- Usability Engineering
- Industrial digital transformation
- Industrial metaverse
- Industrial data science and engineering
- Advanced manufacturing systems
- Smart manufacturing
- Sustainable and renewable energy

All accepted and presented papers of Topic of Interest-1 and Topic of Interest-2 will be submitted for publication in the IOP Conference Series: EES and Springer Book Series: LNEE, respectively.