PREFACE

The 1st International Conference on Applied Sciences and Smart Technologies (InCASST 2023) has been organized by the Faculty of Science and Technology, Sanata Dharma University, Yogyakarta, Indonesia. This event was held on October 18–19, 2023, in Yogyakarta, Indonesia. As an effort to contribute in distributing research outcomes, especially in the search for renewable and clean energy, waste management, environmental management, and sustainable agriculture. InCASST 2023 presented four honorable international keynote speakers from representative countries: 1) Prof. Tokuro Matsuo, Advanced Institute of Industrial Technology - Japan; 2) Prof. Ir. Sudi Mungkasi, Ph.D., Sanata Dharma University-Indonesia; 3) Assoc. Prof. Dr. Peerapong Uthansakul, Suranaree University of Technology – Thailand, and 4) Assist. Prof. Dr. Eng. Rando Tungga Dewa, The Republic of Indonesia Defense University-Indonesia. This event selected local researchers and overseas fellows to share their best research works at this conference to reach a broader network of researchers. After a rigorous selection process, the Scientific & Editorial Board decided to publish 46 papers in E3S Web of Conferences, open-access proceedings in environment, energy, and earth sciences, managed by EDP Sciences, and indexed on Scopus, Scimago.

The published papers have passed all necessary improvement requirements following the Web of Conferences standard, reviewer’s comments, and similarity tests by the Turnitin program. We want to thank the official committee, scientific & editorial boards, and organizing partners. Thanks to our co-host partners, Universitas Katolik Widya Mandala Surabaya, Universitas Prasetya Mulya, and Institut Teknologi Nasional Yogyakarta, for trusting and supporting this conference. Finally, we would like to briefly thank all presenters and attendees for their participation in sharing wonderful ideas and making creative decisions to inspire further research and exchange scientific reasons. We hope this time, all papers can be compiled into scientific works as the first publication of the 2023 InCASST. Lastly, we hope this conference encourages further research collaboration and see you at the next conference.

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Science and Technology Disruption in the Post Pandemic Era with Sustainable Development for Better Life Quality

18th October, 2023

Keynote Speakers

Prof. Dr. Sudji Ningshi, Ph.D.
Sanata Dharma University
Indonesia

Assoc. Prof. Dr. Puangphong Uthamakul
Suan Sunandha Rajabhat University
Thailand

Prof. Ikutaro Nishikawa
Advance Institute of Industrial Technology
Japan

Asst. Prof. Dr. Randu Tengga Dewa
The Republic of Indonesia Defense University
Indonesia

Call For Paper

Selected papers will be publication to E3S Web of Conferences (Scopus Indexed).

Scopes

- Renewable energy technologies and systems.
- Climate change and global warming.
- Sustainable agriculture and land use practices.
- Environmental impact assessment and management.
- Energy policy and planning.
- Clean energy and green technologies.
- Waste management and recycling.
- Air and water pollution control.
- Environmental biotechnology and microbiology.
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Important Dates

- Extended New Submission: August 15, 2023
- Accepted Notification: August 22, 2023
- Early Bird payment: April 30, 2023
- Late payment: August 31, 2023
- Full Paper Submission of Accepted Abstract: September 18, 2023
- Conference Day: October 18, 2023

Registration:

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