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THE COMMITTEE MEMBER, PEER REVIEWERS, AND PREFACE OF THE 9TH
ASIAN ACADEMIC SOCIETY INTERNATIONAL CONFERENCE

The 9th Asian Academic Society International Conference
“Community Climate Resilience and Transboundary Resource Management”

November 22, 2021
Bangkok, Thailand

Organized by:
Overseas Indonesian Student Association in Thailand chapter Chulalongkorn University
(PERMITHA simpul Chulalongkorn University)
2021

The 9th Asian Academic Society International Conference
“*Community Climate Resilience and Transboundary Resource Management*”

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PROLOGUE

Asian Academic Society International Conference (AASIC) is an annual event conducted by Indonesia Student Association in Thailand (PERMITHA) and Embassy of The Republic of Indonesia (KBRI) for The Kingdom of Thailand, Education and Culture Attaché. which we would like to send our immense gratitude for all the kind assistance to support AASIC IX conference in 2021.

Since 2012, Asian Academic Society International Conference (AASIC) has provided media for academicians, researchers, and professionals all over Asia to meet and to build pleasant environment for knowledge exchange to nurture the development of science and technology in the world. The ultimate goals of this conference are to strengthen the research innovation atmosphere through a diplomatic relationship in the region, build synergy in the solidarity to fight recent issues, and facilitate an opportunity to share experiences and knowledge among participants in Asian countries. In this year AASIC IX has been passed on to Overseas Indonesian Student Association in Thailand chapter Chulalongkorn University, the 9th AASIC chose "**Community Climate Resilience and Transboundary Resource Management**" as the main theme which will concern on the rehabilitation, recovery activities, community resilient and the Sustainable Development Goals 2030 achievement after the COVID-19 pandemic. There are 4 keynote speakers who will also give a profound speech regarding the topic based on their field of expertise, and 26 papers will be presented in parallel presentations as well as 13 posters that can be seen on our website and social medias.

We are deeply thankful for all the kind assistance and support to the honourable partner such as Asian Disaster Preparedness Centre (ADPC), Environment Research Chulalongkorn University (ERIC), Risk Disaster Management (RDM) and Environment, Development, and sustainability (EDS) of Chulalongkorn University.

We are also very grateful to all participants coming from various institutions and various countries consist of researchers, lecturers, postgraduate and undergraduate students. High appreciation is addressed to whom who have supported and encouraged this conference being success. However, we do apologize for any mistakes generated during managing the conference since preparation up to finish. Hopefully this event will bring out a great output from all the participants to make the most benefit out of it.

Ms. Intan Pransischa

The Chairperson of 9th Asian Academic Society International Conference
Bangkok, Thailand

PREFACE FROM THE AMBASSADOR OF THE REPUBLIC OF INDONESIA TO THE KINGDOM OF THAILAND



Dr. Kallaya Suntonrvongsagul of Chulalongkorn University
Dr. Bichit Rattakul, President Thai Network for Disaster Resilience,
Prof. Neera Agnimitra Ph.D, Professor Department of Social Work, Delhi University,
Dr. Niladri Gupta, Senior Water Resources Management Specialist of ADPC,
Ir. Achmad Wichaksono, M.Eng., Ph.D. IPU, Attaché of Education and Culture,
Indonesian Embassy in Bangkok
Distinguished participants, ladies, and gentlemen.

It is indeed a great pleasure and honor for me to welcome you and deliver remarks at the 9th Asian Academic Society International Conference (AASIC): Community Climate Resilience and Transboundary Resources Management. At this outset, I would also like to appreciate and congratulate PERMITHA for the initiative of hosting this annual event which I believe has served as an important platform for students, academicians, and related stakeholders to discuss and share information and experiences in issues of our common interests.

The theme of this year's AASIC is very timely and relevant particularly for countries, like Indonesia and Thailand, that are situated in the prone disaster areas. Climate resilience community is a cross-sectoral issue in nature. It includes many aspects such as human capital development, social protection, pandemic response, humanitarian assistance, green jobs, and circular economy. There is no a single country can tackle this issue alone. It needs cooperation and collaboration of many stakeholders and supported by policies and enabling environment. It is very fortunate that in the region, ASEAN has taken this issue into its consideration and is committed to build a resilient community with enhanced capacity and capability to adapt and respond to social and economic vulnerabilities, disasters, climate change, and other new challenges.

In light of this, ASEAN Socio-Cultural Community Blueprint 2025 has elaborated the need of having an integrated, comprehensive, and inclusive approaches to build a resilient community. While in the global context, there have been many platforms and avenues to discuss this issue, including sharing best practices and experiences among affected countries provided by the United Nations Agencies. It is believed that prioritizing the knowledge, the talents, and the needs of the communities in the climate disaster areas are essential in formulating policy recommendation.

Providing intervention program to provide live-saving assistance to thousands of people in the climate disaster areas is an important matter but monitoring and evaluating the program also become another critical issue.

I wish you all a fruitful discussion and a very successful conference. I thank you.

H.E. Mr. Rachmat Budiman
Indonesian Ambassador for the Kingdom of Thailand

PREFACE FROM THE PRESIDENT OF PERMITHA 2021–2022



Dear colleagues, professors, lecturers, researchers, ladies, and gentlemen.

On behalf of PERMITHA, I would like to express my sincere gratitude and welcome you to the 9th ASIAN Academic Society International Conference: Community Climate Resilience and Transboundary Resources Management.

Moreover, I honorably welcome our keynote and invited speaker Dr. Bhichit Rattakul, President of Thai Network for Disaster Resilience (TNDR), Thailand, Prof. Neera Agnimitra, Ph.D, Department of Social Work, Delhi University, India, Mr. Hans Guttman - Executive Director, Asian Disaster Preparedness Center (ADPC), Ir. Achmad Wicaksono, M.Eng., Ph.D, Education and Cultural Attache of The Embassy of The Republic of Indonesia to The Kingdom of Thailand in Bangkok.

This year is the 9th annual conference since 2012 that was successfully held by Indonesian student association in Thailand (PERMITHA) and Embassy of The Republic Indonesia for The Kingdom of Thailand. In the situation of travel restrictions due to the COVID-19 pandemic, the virtual implementation of AASIC 9th is the best choice at this time.

Recently, adapted and integrated a Covid-19 response into our health system strengthening work has become something important. Creating a web of interlinked efforts, creating networks also with the private sector, showing flexibility and adaptivity. The fact that the Emergency Response Capacity Building Network will continue to play an important humanitarian role on a national and international level.

AASIC 9th is a relatively advanced approach for discussion and strengthening the research innovation atmosphere by integrating and mainstreaming disaster management, climate change adaptation into community development planning through a Climate Resilience Strategy (CRS) and for building the capacity of the community to plan and implement climate change resilience strategies. Adaptation and mitigation of multi-hazards, disaster risk reduction and communication, business continuity management, transboundary disaster management, and disaster health risk management are all connected.

Last but not least, it is my hope that the AASIC 9th would be able to achieve its objective in providing an effective forum for academicians, researchers, and practitioners to advance knowledge, research, and innovation for humanity. My deepest gratitude goes to the Advisory Board, Organizing Committee, International Scientific Committee, institutions and volunteer who have directly and indirectly supported the success of this seminar.

I wish you all a very fruitful conference and may God bless us all with good health to make this event a successful and enjoyable one!

Mr. Syahril Rahmat

The President of PERMITHA 2021-2022

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