

International
Conference of
Indonesia Forestry and
Environment Researchers
Greener Future:
Environment, Disaster
Resilience, and
Climate Change



Stream 2

Managing Forest and Natural Resources,
Meeting Sustainable and Friendly Use:

Sustainable Use of Forest for Livelihood, Biodiversity Conservation and Climate Resilience

Jakarta  **7-8**
September
2021



Background

Forests provide vital roles for conserving biodiversity, protecting environment, reducing vulnerability to floods, droughts and other weather-induced disasters, and supporting the socio-economic needs of the communities. Forest resources have also been playing a significant role in driving Indonesia's economic development since more than five decades. Despite the decline in its contribution to the national economy, the Government has consistently increased its commitment to sustainable management of forests and ensures that all elements of the nation can get benefits from these resources.

Science and technology are critical in the sustainable management and wise use of forest resources. Thus, in a rapidly changing world, the forestry sector need to be much more innovative to provide optimal contribution to the national development. Improvements in science and technology are crucial to fulfil the growing demand for the range of goods and services that forests can provide, including environmental and social benefits. Innovative technologies are needed to address multiple-use management, that ensure the balance of ecosystem function and socio-economic benefit.

Indonesia has more than 17,000 islands located between two continents, Asia and Australia, and between two oceans, the Pacific and the Indian Oceans.

This outstanding geo-strategic location provides both potentials and challenges to improve the role of forests in protecting environmental life-support systems by regulating water supply, preventing flood, controlling erosion, preventing sea water intrusion, and maintaining soil fertility, as well as providing adequate food supply, energy supply for human life, germplasm for future use and resilience to the climate. Standing as a mega-biodiversity country, invention and innovation of science and technology in sustainable management and wise use of forest resources are extremely a must in balancing and optimizing the benefits of forests to the community livelihood, biodiversity conservation and climate resilience. This is to ensure that forests and the biodiversity therein are managed, protected and utilized sustainably and wisely to increase the economic and social welfare of all elements of the nation, and to enhance the resilience of human life in Indonesia.

The 6th INAFOR of the year 2021 is an essential meeting for researchers, scientists, academics, forest practitioners, and government staff all over the world to share and collaborate the current development of technologies and knowledge of innovative forest management and policy, enhance the global commitment for forest sustainability, and redesign the role of forests for people and planet.

The Stream 2 will focus on how forests should be managed sustainably to meet its benefits for biodiversity conservation, livelihoods, and climate resilience. This include actions for reducing deforestation and forest degradation, landscape management and restoration (including peatlands and mangroves), post-mining reclamation, modern nursery, watershed management, preventing biodiversity loss and ecosystem degradation, restoring habitat and enhancing population of endangered species, biodiversity of flagship species, forest fire control, economic and environment services, and prioritized ecotourism destinations. Enhancement of multistakeholder partnerships and cooperation to

improve management and utilization of forest resources will also be covered.

The Stream 2 will also focus on how the forest products should be utilized to provide economic and environmental benefits for communities. Forest products, both timber and non-timber forest products need to be utilized properly in order to provide high added values, sustainable benefits as well as more environmentally sustainable forest resources. To support this, the role of innovation and technology in processing forest products is very strategic. The processing of forest products also provides benefits to the community as an alternative income and source of livelihood.

Objective

To deliver actions, policy evidences and solutions to transform how nature and forests are managed and used in a sustainable and wise manner in conserving biodiversity, restoring forests including peatlands and mangroves, responding to the climate resilience, supporting livelihood, health and poverty

alleviation across stakeholders from local, national and international perspectives.

It would be held as an international forum to bring researchers, scientists, practitioners, policy makers and other relevant stakeholders to exchange information and experiences and to strengthen

networking and collaborative work in Sustainable Management and Use of Forests for Livelihood, Biodiversity Conservation and Climate Resilience.

Output

1. Science, technology and innovation are delivered as an action, policy and solution for the Government and others stakeholders at the national and international levels.
2. Enhanced science and technology, and collaborative research and action.
3. Recommendation for future integrated research and commitment on research collaboration among stakeholders to increase the role of science in the management of tropical forests and biodiversity.
4. Shared and formulated new ideas for the advancement of forest and environmental management in Indonesia and supported the global agenda.

Participants

Researchers, experts, university academics, policy makers, forestry practitioners from public and private sectors, international organizations, and other stakeholders.

Conference Sub-Theme

The program will be organized along the following sub-themes:

1. Sustainable forest and environmental services for livelihood, biodiversity and climate resilience

The sub-theme Stream 2 will focus on how forests should be managed sustainably to meet its benefits for biodiversity conservation, livelihoods, and climate resilience. The topics include climate change, forest and landscape management (including peatlands and mangroves), biodiversity conservation, restoration, forest monitoring, forest fires, forest health, agroforestry and livelihoods, economic and environment services.

2. Forest products processing for sustainable and friendly use

The sub-theme Stream 2 will focus on how to utilize forest products to provide economic and environmental benefits for communities. The topics include forest products harvesting, biology and wood preservation, bioenergy, timber and non-timber forest products utilization and processing, forest products standardization.

Important Dates

Call for abstracts start	1 February 2021
Abstracts submission	February 2021 – 28 March 2021
Abstracts selection	1 March 2021 – 1 April 2021
Author 1st notification	15 April 2021
Full paper submission	15 April 2021 – 1 June 2021
Full paper selection	2 June 2021 – 15 July 2021
Author 2nd notification	31 July 2021
Revised full paper submission	1 Agustus 2021 – 15 Agustus 2021
Author 3rd notification	16 Agustus 2021
International conference	7 – 8 September 2021

More details including the terms and conditions for The 6th INAFOR 2021 is available at <http://inafor.fordamof.org> or corresponding email at inaforsecretariat@gmail.com

Invited Speakers

1. Mr. Lee, Sung-gil, Director of KIFC
2. Dr. Liubov Volkova (University of Melbourne)
3. Prof. (Ris) Chairil Anwar Siregar (Forest Research and Development Center/FRDC)
4. Prof. (Ris) Haruni Krisnawati (Forest Research and Development Center/FRDC)
5. International Research Fellow on Wood Technology
6. Prof. (Ris) Dulsalam (Forest Products Research and Development Center/FORPRO)



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1. Additional cost IDR 1,500,000 (one paper). The fee is non-refundable if the manuscript is rejected by IOP.

2. Review of papers published in the IOP Conference Series titles is undertaken through processes administered by the organizers and proceedings editors.

Language

The official language of the conference is English. The paper must be submitted and presented in English.

Conference Venue

The stream 2 of the 6th INAFOR 2021 will be convened virtually on 7-8 September 2021 with the following tentative agenda:

Tuesday, 7 September 2021 (Jakarta Time Zone/GMT+7)		PIC
08.00 – 12.30	Opening ceremony High level panel on environment, forest and standardization	Secretariat of BLI
12.30 – 13.00	Break	Secretariat of BLI
13.00 – 16.00	Forest and Forest Products Innovations, virtual tour, and paralel session	FRDC and FORPRO
Wednesday, 8 September 2021		PIC
08.00 – 08.30	Registration	
08.30 – 08.35	Opening by MC	
08.35 – 08.40	Prayer	
08.40 – 08.45	National Anthem Indonesia Raya	
08.45 – 08.55	Opening Speech by Director of Forest Research and Development Center	
08.55 – 09.00	Chairman	
09.00 – 09.20	Mr. Lee, Seung-gil (KIFC)	
09.20 – 09.40	Dr. Liubov Volkova (University of Melbourne)	
09.40 – 10.00	Prof. (Ris) Chairil Anwar Siregar (FRDC)	
10.00 – 10.20	Prof. (Ris) Haruni Krisnawati (FRDC)	
10.20 – 10.40	International Research Fellow on Wood Technology	
10.40 – 11.00	Prof. (Ris) Dulsalam (FORPRO)	
11.00 – 11.45	Q&A	
11.45 – 12.00	Wrapping Up & Closing Plenary	
12.00 – 13.00	Ishoma	
13.00 – 15.00	Parallel session	



CONTACT AND FURTHER INFORMATION FOR JOURNAL PUBLICATION

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