XV WORLD FORESTRY CONGRESS

Building a Green, Healthy and Resilient Future with Forests

2–6 May 2022 | Coex, Seoul, Republic of Korea

Can bioenergy from degraded peatlands provide a potential alternative to meet growing energy demands? Lesson learned from Indonesia

Wednesday, 4 May 2022 | 12:30 - 14:00 PM (KST) | Hall E3

Pongamia pinnata
(syn. *Millettia pinnata*)

Calophyllum inophyllum

Illustration by Karyono/CIFOR

Bioenergy plants grown on degraded peatlands can serve the double function of restoration and providing a sustainable source of energy. With demand for sustainable energy growing significantly across the world, including in the global South and tropical peatland regions, there is an urgent need to rebuild resilient landscapes with multiple functions.

Knowing which bioenergy crops are suitable for cultivation on degraded lands is vital. Other crucial considerations include how such crops can enhance incomes for communities, and support biodiversity and sustainable development. The use of agroforestry systems can be a win-win solution offering agricultural production with fewer damaging environmental consequences.

About ITPC

The International Tropical Peatlands Center (ITPC) is a multi-stakeholder and multi-donor South-South cooperation involving Indonesia, Democratic Republic of Congo, Republic of Congo and Peru with coordinating partners the Center for International Forestry Research (CIFOR), the United Nations Environment Programme, the Food and Agriculture Organization of the United Nations and the Global Peatlands Initiative.

ITPC is organizing a session at the World Forest Congress to share lessons learned and present the latest research on how renewable biomass can provide an alternative to meet growing energy demands.

The session will highlight:

- challenges and opportunities for renewable bioenergy from plant sources to provide a potential alternative to meet growing energy demands
- how agroforestry can be a win-win solution for degraded peatland utilization
- which aspects of should be emphasized to maximize impact from renewable bioenergy from plant sources.

This session is aligned with the ITPC mandate to facilitate interdisciplinary dialogues to advance the conservation and sustainable management of peatlands globally.

Speaker and Moderator

Moderator

Haruni Krisnawati
ITPC Lead Coordinator

Opening Remarks

Ary Sudijanto
Director General, Agency for Standardization of Environment and Forestry Instruments, Ministry of Environment and Forestry, Indonesia

Panellists

Indroyono Soesilo
Chairman, Association of Indonesia Forest Concession Holder (APHI)

Budi Leksono
Senior Scientist, National Research and Innovation Agency (BRIN), Indonesia

Mi Hyun Seol
Scientist, CIFOR-ICRAF

Sungho Choi
Program Officer for Implementation and Management Cooperation & Project Division AFOCO

Himlal Baral
Senior Scientist, CIFOR-ICRAF

Programme

Time	Topic	Speakers
5 min, 12:30 – 12:35	Introduction and review of the agenda	Haruni Krisnawati, Moderator
10 min, 12:35 – 12:45	Opening remarks	Ary Sudijanto
10 min, 12:45 – 12.55	Enabling microfinancing for bioenergy trees in peatland	Indroyono Soesilo
10 min, 12:55 – 13:05	Prospect of bioenergy plantation on degraded peatland to support restoration effort	Budi Leksono
10 min, 13:05 – 13:15	Environmental benefits of bioenergy trees production in degraded peatland	Mi Hyun Seol
10 min, 13:15 – 13:25	Restoration and management of peatlands to fulfil bioenergy demand	Sungho Choi
10 min, 13:25 – 13:35	Climate smart agrosilvofishery for food, energy, and entertainment	Himlal Baral
20 min, 13:35 – 13:55	Discussion Questions, comments, and views from participant	Moderator
5 min, 13:55 – 14:00	Closing summary and photo session	Moderator

Contact: **Haruni Krisnawati, itpcsecretariat@cgiar.org**

Secretariat Office
Jalan CIFOR Situ Gede, Sindang Barang, Bogor Barat, Indonesia
Postal code: 16115, Phone: +62-251-8622-622, Fax: +62-251-8622-100

Photo by Axel Fassio/CIFOR