Forests Food Finance

Food and Agriculture Organization of the United Nations

CGIAR

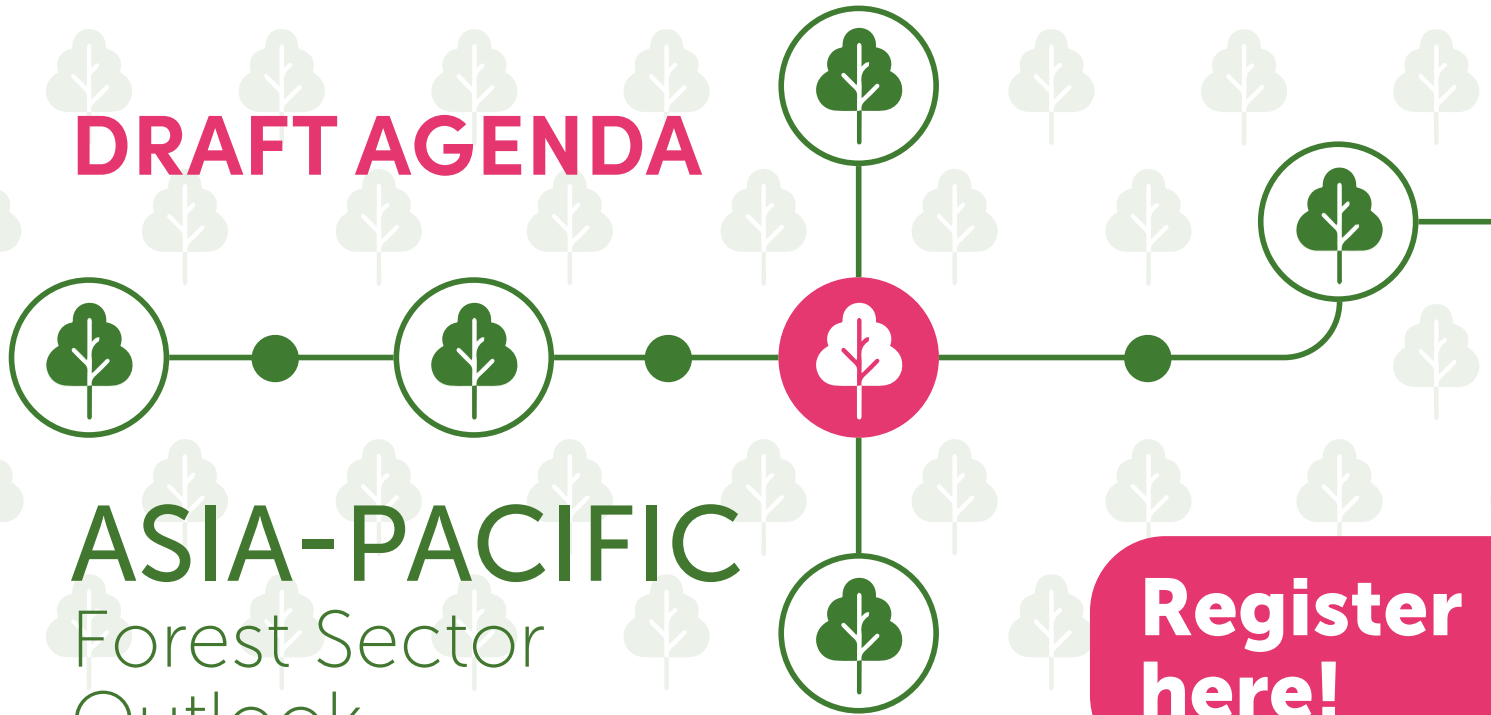RESEARCH PROGRAM ON Forests, Trees and Agroforestry

DRAFT AGENDA

ASIA-PACIFIC
Forest Sector Outlook

Register here!

Innovative forestry for a sustainable future

YOUTH CONTRIBUTIONS

GLF Climate 2021

5 NOVEMBER 2021 9:00–10:30 UTC

Introduction of the event

09:00 Opening and welcome by Rao Matta (FAO/RAP) and Vincent Gitz (CIFOR-ICRAF/FTA)

Session 1: How can innovative technologies improve and facilitate monitoring?

09:10 **Youth presentations** 3min. each
1. **Shahrukh Kamran**, Pakistan: *Project DroNet: Development and testing of insect catching drones.*
2. **Kyuho Lee**, Republic of Korea: *UAV-derived forest degradation assessments for planning and monitoring forest ecosystem restoration: towards a forest degradation index.*
3. **Angga Saputra**, Indonesia: *Estimating tree height, canopy cover and tree diameter using Unmanned Aerial Vehicle technology.*
4. **Cecille de Jesus**, the Philippines: *Follow the water: advanced technologies for demonstrating forest-water-community relationships.*
5. **Thuan Sarzynski**, Vietnam: *Watching oil palm driven deforestation from space.*
6. **Marie Jessica Gabriel**, the Philippines: *Getting SMARTer in forest law enforcement.*

09:30 Polling

Session 2: How can innovative technologies facilitate the engagement of civil society, local communities, smallholders and youth?

09:33 **Youth presentations** 3min. each
1. **Sony Lama**, Nepal: *Forest Watcher application: employing citizen science in forest management of Nepal.*
2. **Nur Bahar**, Malaysia: *How to effectively engage youth in satellite-based tropical forest monitoring?*
3. **June Mandawali**, Papua New Guinea: *Community Based Tree Nurseries in Ramu/Markham Valley of Papua New Guinea.*

09:42 Polling

Session 3: How can innovative technologies support optimization of processes and products for sustainable forest management?

09:45 **Youth presentations** 3min. each
1. **Sanjayaraj Tamang**, Nepal: *Invasive species management in Nepal: a pathway to sustainable forest management.*
2. **Clarence Gio S. Almoite**, the Philippines: *Building back Philippine biodiversity through geotagging mother tree species for modernized and mechanized forest nurseries.*
3. **Prachi Gupta**, India: *Advances in the wood anatomical studies with innovations in microscopy.*
4. **Deasy Ramatia**, Indonesia: *Binderless particleboard: production process and self- bonding mechanisms.*

10:00 Polling

Session 4: What relevance of these youth presentations for the roadmap?

10:05 Plenary discussion - Q&A

10:25 Wrap-up by (FAO/RAP) and CIFOR-ICRAF/FTA

10:30 End of event

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ASIA-PACIFIC FOREST SECTOR OUTLOOK
INNOVATIVE FORESTRY FOR A SUSTAINABLE FUTURE

5 NOVEMBER 2021 9:00–10:30 UTC

YOUTH CONTRIBUTIONS

FAO and CIFOR, lead center of the Forests, Trees and Agroforestry research program (FTA) are giving the floor to young people to present their contributions on the use of innovative technologies for sustainable forestry!

This event is part of the preparation by FAO and FTA of a roadmap on innovative technologies for sustainable forestry. According to the Third Asia-Pacific Forest Sector Outlook Study (FAO, 2019)[1], the uptake and scaling-up of innovative forest technologies in the Asia-Pacific region has been slow and uneven. Young people have a key role to play in amending this condition. As technology enthusiasts and forest managers of the future, they are the individuals and cohorts to take leadership and generate momentum through collaboration and social media, transform rigid institutions from within, and participate in the uptake and upscaling of innovative technologies in the forest sector of the region. This is why FAO and FTA organized a call for youth contributions. The event will show case the results of this call and present a collection of papers that illustrate, in various contexts, the potential of innovative technologies to advance sustainable forestry and sustainable forest management.

Join us at GLF!

1 FAO. 2019. Forest futures – Sustainable pathways for forests, landscapes and people in the Asia Pacific region. Asia-Pacific Forest Sector Outlook Study III. Bangkok. 352 pp.
http://www.fao.org/3/ca4627en/ca4627en.pdf