



# INTERNATIONAL DAY FOR BIODIVERSITY 2025

Harmony with nature and sustainable development

## **Asia's unique forests and trees:** Conserving diversity, building resilience, enhancing productivity *International Symposium*

Lansigan Auditorium, College of Forestry and Natural Resources,  
University of the Philippines Los Baños, and online

20 May 2025



# Programme overview

<b>9.00-9.30</b>	Opening and welcome remarks
<b>9.30-10.00</b>	Keynote 1: Dr. Rekha R. Warriar, ICFRE-Institute of Forest Genetics and Tree Breeding, India
<b>10.00-10.30</b>	Refreshments and poster session
<b>10.30-12.00</b>	Parallel sessions 1
	Session 1A: Documenting diversity: Genetic diversity
	Session 1B: Documenting diversity: Species and ecosystems
<b>12.00-13.30</b>	Lunch
<b>13.30-14.00</b>	Keynote 2: Prof. Emeritus Edwino S. Fernando, University of the Philippines
<b>14.00-15.30</b>	Parallel Sessions 2
	Session 2A: Conserving diversity
	Session 2B: Building resilience, enhancing productivity
<b>15.30-16.00</b>	Refreshments and poster session
<b>16.00-16.30</b>	Keynote 3: Dr. Riina Jalonen, Alliance of Bioversity International and CIAT
<b>16.30-17.00</b>	Closing

Join us online (plenary sessions): <https://up-edu.zoom.us/j/93553362536?pwd=xXoXq0JbbILKk9bboUHkKZfBm7wvYD.1>

Meeting ID: 935 5336 2536 Passcode: 15263670

# Session 1A: Documenting diversity: Genetic diversity

<b>10.30-10.45</b>	Genetic Diversity Restoration Strategies for the Endangered Subalpine Conifer <i>Taxus cuspidata</i> in the Republic of Korea <i>Hyoin Lim, Forest Bioinformation Division, National Institute of Forest Science, Republic of Korea</i>
<b>10.45-11.00</b>	Unlocking Nature's Code: Genetic Signatures of DNA Barcodes and Fingerprints for Conserving the Philippines' Threatened Forest Trees <i>Lerma S.J. Maldia, University of the Philippines Los Baños, Philippines</i>
<b>11.00-11.15</b>	Advancing Forest Conservation Through Genetic Research and DNA Technologies <i>Ng K.K.S., Tnah L.H., Lee C.T., Ng C.H., Nurul-Farhanah Z., Nur-Nabilah A. &amp; Lee S.L., Forest Research Institute Malaysia</i>
<b>11.15-11.30</b>	An Amazon giant losing its habitat: Genetic and performance patterns of the Brazil nut tree in Peru, a socio-economically valuable keystone species with restoration potential living under threat. <i>Chiriboga-Arroyo, Fidel; Jansen, Merel; Bardales-Lozano, Ricardo; Guariguata, Manuel R., Blomberg, Maxime; Miedema, Jolijn ; Schaaf, Jiska; Zuidema, Pieter A.; Velásquez Ramírez, Manuel Gabriel; Atapaucar Sánchez, Nils; Martins, Karina; Brouwer, Rens; Corvera Gomringer, Ronald; Kettle, Chris J. Alliance of Bioversity International and CIAT</i>
<b>11.30-11.45</b>	Morphological and Molecular Variability Studies in <i>Canarium strictum</i> Roxb. <i>Shanthi Arunachalam, ICFRE-Institute of Forest Genetics and Tree Breeding, India</i>
<b>11.45-11.50</b>	Flash Talk: Development and Application of Microsatellite Markers for Genetic Diversity Assessment and Construction of a Core Collection of <i>Myrciaria dubia</i> (Kunth) McVaugh Germplasm from the Peruvian Amazon <i>Stalin Juan Vasquez Guizado, National University of San Agustín de Arequipa, Peru</i>
<b>11.50-12.00</b>	<i>Discussion</i>

Join us online (session 1A): <https://up-edu.zoom.us/j/93553362536?pwd=xXoXq0JbbILKk9bboUHkKZfBm7wvYD.1>

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## Session 1B: Documenting diversity: Species and Ecosystems

- 10.30-10.45** Long Term Ecological Research Plots: Documenting Plant Diversity in Montane and Mossy Forests of Mount Makiling Forest Reserve ASEAN Heritage Park  
*Leilani A. Castillo, University of the Philippines Los Baños, Philippines*
- 10.45-11.00** Ecosystem Condition and Extent Analysis of the Pantabangan-Carranglan Watershed Forest Reserve  
*Jess Riel R. Terbio, University of the Philippines Los Baños, Philippines*
- 11.00-11.15** Beyond the Surface: Biodiversity and Carbon Stock Potential of Uacon Lake, Candelaria, Zambales, Philippines  
*Kyle Adrian B. Cancino, University of the Philippines Los Baños, Philippines*
- 11.15-11.30** Beyond the National Conservation Review (NCR) (1997) in Sri Lanka, Designing an optimum protected areas system for Sri Lanka's Natural Forests  
*Maddagama Arachchige Thulani Ruchika Kularatne, Department of Forest Conservation, Sri Lanka*
- 11.30-11.45** Biodiversity and Regeneration Dynamics in Dry Peninsular Sal Forests: An Ecological Assessment  
*Mishra Shambhu Nath, ICFRE-Institute of Forest Productivity, Ranchi, India*
- 11.45-11.50** Flash Talk: Quantitative Study of the Ethnobotanical Medicinal Plant Resources of Zanskar Valley, Ladakh, India  
*Ankush Moran, ICFRE-Himalayan Forest Research Institute, Shimla, India*
- 11.50-11.55** Flash Talk: High-Altitude Plant Diversity: A Comparative Study on Structure and Composition in Subalpine Zones of Kinnaur, Himachal Pradesh-NW Himalaya  
*Monika Chauhan, ICFRE-Himalayan Forest Research Institute, Shimla, India*
- 11.55-12.00** Flash Talk: Documentation of the Diversity, Endemism and Ecological Significance of Myrsinaceae Family in the Western Ghats of Kerala State, India  
*M. Bheemalingappa, KSCSTE-Kerala Forest Research Institute, India*

Join us online (session 1B): <https://up-edu.zoom.us/j/96421251656?pwd=amu0AMww7yObhzY0mXpGH20M797eVF.1>

Meeting ID: 964 2125 1656 Passcode: 13412784

## Session 2A: Conserving diversity

<b>14.00-14.15</b>	Ex-Situ Conservation of <i>Litsea glutinosa</i> : An Endangered Tree of North-West Himalayas <i>Gopal Ram , North Eastern Hill University, India</i>
<b>14.15-14.30</b>	Reintroducing the Critically Endangered <i>Polyspora dasanayakei</i> and Restoring the Associated Habitat <i>S. H. Bandumala, Department of Forest Conservation, Sri Lanka</i>
<b>14.30-14.45</b>	Conservation and Utilization of Forest Genetics in the Era of Restoration in Indonesia: Forest Tree Seed Supply System <i>Vivi Yuskianti, Dede Sudrajat, National Research and Innovation Agency, Indonesia</i>
<b>14.45-15.00</b>	Securing the Future of Forest Genetic Resources: Strategies for Documentation, Conservation, and Utilization <i>Vijay Manish Kumar, ICFRE-Tropical Forest Research Institute, Jabalpur, India</i>
<b>15.00-15.15</b>	Conservation and Restoration of the Critically Endangered <i>Madhuca insignis</i> in the Southwestern Ghats of India <i>Geeta Joshi, Anurag Dhyani, Arunkumar A.N., Indian Council of Forestry Research and Education, India</i>
<b>15.15-15.30</b>	<i>Discussion</i>

Join us online (session 2A): <https://up-edu.zoom.us/j/93553362536?pwd=xXoXq0JbbILKk9bboUHkKZfBm7wvYD.1>

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## Session 2B: Building resilience, enhancing productivity

<b>14.00-14.15</b>	The Identification of Sustainable Intensification Options in Silvopastoral Farming Systems in Northern Laos <i>Simone Vongkhamho, Forest Research Centre, National Agriculture and Forestry Research Institute</i>
<b>14.15-14.30</b>	Integrating Calliandra Cultivation into Secondary Forests for Sustainable Wood Pellet and Livestock Feed Production in East Kalimantan <i>Titiek Setyawati, National Research and Innovation Agency, Indonesia</i>
<b>14.30-14.45</b>	A Blockchain-based Tracking of Origin and Managing Variety Rights in the Seeds/seedlings Supply Chain <i>Zheng Yongqi, National Center for Forestry and Grassland Genetic Resources, Chinese Academy of Forestry, China</i>
<b>14.45-15.00</b>	MyFarmTrees: Digital Innovation for Empowering Community-Led Forest Landscape Restoration <i>Fidel Chiriboga-Arroyo, Anton Eitzinger, Marius Ekue, Francis Oduor, Christian Feil, Riina Jalonen, Nadia Guettou Djurfeldt, Barbara Vinceti, Francesca Grazioli, Smitha Krishnan, Florian Doeblner, Simeon Max, Chris Kettle, Alliance of Bioversity International and CIAT</i>
<b>15.00-15.15</b>	Integrating Participatory Mangrove Rehabilitation to Strengthen Socio-Ecological Resilience in Teluk Lengung's Degraded and Polluted Coastal Areas, Indonesia <i>Alawy Fauzan, Serindit Philosophy Centre, Indonesia</i>
<b>15.15-15.20</b>	Flash Talk: Genomic Selection for Fast-growing Teak Genotypes with Enhanced Heartwood Content <i>Maheswari Patturaj, ICFRE-Institute of Forest Genetics and Tree Breeding, India</i>
<b>15.20-15.25</b>	Flash Talk: Woody Species diversity, management and socioeconomic importance of Agroforestry practices <i>Achamyelch Anteneh Kassahun, University of Gondar, Ethiopia</i>

Join us online (session 2B): <https://up-edu.zoom.us/j/91944069750?pwd=koxWJITvbLh7DprvBp8bxgVlJGclrb.1>

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