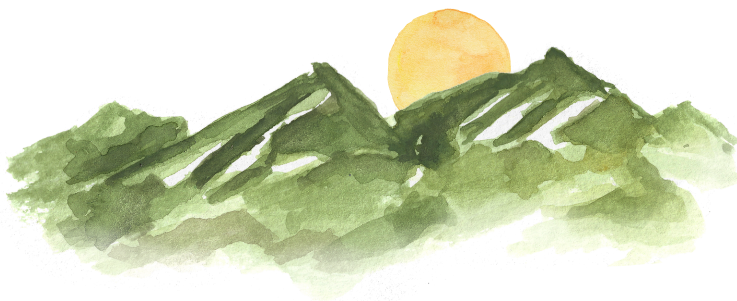




INTERNATIONAL SYMPOSIUM

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

20 MAY 2025 | LANSIGAN AUDITORIUM |
COLLEGE OF FORESTRY AND NATURAL RESOURCES
UNIVERSITY OF THE PHILIPPINES LOS BAÑOS



PROGRAM OF ACTIVITIES

8:30 – 9:00 AM	REGISTRATION
9.00-9.30 AM	Opening and welcome remarks Dr. Jose V. Camacho Jr. (Chancellor, UPLB) Assoc. Prof. Marlo D. Mendoza (Dean, CFNR)
9.30-10.00 AM	Keynote 1: Dr. Rekha R. Warriar (ICFRE-Institute of Forest Genetics and Tree Breeding, India)
10.00-10.30 AM	Health Break and Poster Session
10.30-12.00 PM	Parallel Sessions 1 Session 1A: Documenting diversity: Genetic diversity (<i>Lansigan Auditorium</i>) Session 1B: Documenting diversity: Species and ecosystems (<i>Manza Room</i>)
12.00-13.30 PM	Lunch Break
13.30-14.00 PM	Keynote 2: Prof. Emeritus Edwino S. Fernando (CFNR, University of the Philippines Los Baños)
14.00-15.30 PM	Parallel Sessions 2 Session 2A: Conserving diversity (<i>Lansigan Auditorium</i>) Session 2B: Building resilience, enhancing productivity (<i>Manza Room</i>)
15.30-16.00 PM	Health Break and Poster Session
16.00-16.30 PM	Keynote 3: Dr. Riina Jalonen (Alliance of Bioversity International and CIAT)
16.30-17.00 PM	Closing remarks Prof. Dr. Zheng Yongqi (Research Institute of Forestry, Chinese Academy of Forestry)
Master of Ceremonies: Dr. Alona C. Linatoc (CFNR,UPLB)	

Parallel Session 1A. Documenting Diversity (Genetic Diversity)

Session Chairs: Dr. Crusty E. Tinio and Dr. Zheng Yongqi

Zoom Credentials:

<https://up-edu.zoom.us/j/93553362536?pwd=xXoXq0JbbILKk9bboUHkKZfBm7wvYD.1>

Meeting ID: 935 5336 2536 Passcode: 15263670

10.30-10.45	Genetic Diversity Restoration Strategies for the Endangered Subalpine Conifer <i>Taxus cuspidata</i> in the Republic of Korea Hyoin Lim, Forest Bioinformation Division, National Institute of Forest Science, Republic of Korea
10.45-11.00	Unlocking Nature's Code: Genetic Signatures of DNA Barcodes and Fingerprints for Conserving the Philippines' Threatened Forest Trees Lerma S.J. Mardia, University of the Philippines Los Baños, Philippines
11.00-11.15	Advancing Forest Conservation Through Genetic Research and DNA Technologies Ng K.K.S., Tnah L.H., Lee C.T., Ng C.H., Nurul-Farhanah Z., Nur-Nabilah A. & Lee S.L., Forest Research Institute Malaysia
11.15-11.30	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. 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 Gomerling, Ronald; Kettle, Chris J. Alliance of Bioversity International and CIAT
11.30-11.45	Morphological and Molecular Variability Studies in <i>Canarium strictum</i> Roxb. Shanthi Arunachalam, ICFRE-Institute of Forest Genetics and Tree Breeding, India
11.45-11.50	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 Stalin Juan Vasquez Guizado, National University of San Agustín de Arequipa, Peru
11.50-12.00	Discussion

Parallel Session 1B. Documenting Biodiversity (Species and Ecosystem)

Session Chairs: Dr. Analyn L. Codilan and Dr. Chaloun Bounithiphonh

Zoom Credentials:

<https://up-edu.zoom.us/j/96421251656?pwd=amu0AMww7yObhzY0mXpGH20M797eVF.1>

Meeting ID: 964 2125 1656 Passcode: 13412784

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 Zaskar 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

Parallel Session 2A. Conserving Diversity

Session Chairs: Dr. Lerma S.J. Maldia and Dr. Rekha Warriar

Zoom Credentials:

<https://up-edu.zoom.us/j/93553362536?pwd=xXoXq0JbbILKk9bboUHkKZfBm7wvYD.1>

Meeting ID: 935 5336 2536 Passcode: 15263670

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

Parallel Session 2B. Building Resilience, Enhancing Productivity

Session Chairs: Dr. Enrique L. Tolentino Jr. and Dr. Pin Kar Yong

Zoom Credentials:

<https://up-edu.zoom.us/j/91944069750?pwd=koxWJlTvbLh7DprvBp8bxgVlJGclrb.1>

Meeting ID: 919 4406 9750 Passcode: 72699280

14.00-14.15	The Identification of Sustainable Intensification Options in Silvopastoral Farming Systems in Northern Laos Simone Vongkhamho, Forest Research Centre, National Agriculture and Forestry Research Institute
14.15-14.30	Integrating Calliandra Cultivation into Secondary Forests for Sustainable Wood Pellet and Livestock Feed Production in East Kalimantan Titiek Setyawati, National Research and Innovation Agency, Indonesia
14.30-14.45	A Blockchain-based Tracking of Origin and Managing Variety Rights in the Seeds/seedlings Supply Chain Zheng Yongqi, National Center for Forestry and Grassland Genetic Resources, Chinese Academy of Forestry, China
14.45-15.00	MyFarmTrees: Digital Innovation for Empowering Community-Led Forest Landscape Restoration 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
15.00-15.15	Integrating Participatory Mangrove Rehabilitation to Strengthen Socio-Ecological Resilience in Teluk Lengung's Degraded and Polluted Coastal Areas, Indonesia Alawy Fauzan, Serindit Philosophy Centre, Indonesia
15.15-15.20	Flash Talk: Genomic Selection for Fast-growing Teak Genotypes with Enhanced Heartwood Content Maheswari Patturaj, ICFRE-Institute of Forest Genetics and Tree Breeding, India
15.20-15.25	Flash Talk: Woody Species diversity, management and socioeconomic importance of Agroforestry practices Achamyelah Anteneh Kassahun, University of Gondar, Ethiopia

Poster Presentations

1	Castillo, Leilani A.	The Makiling Botanic Gardens: A sanctuary and repository of threatened Philippine plants
2	De Galicia, Danica A.	Assessment of Phenotypic Plasticity of <i>Drynaria quercifolia</i> (L.) J.Sm. in Urban and Natural Environments Based on Functional Leaf Traits
3	Manarin, Faith Anne A.	Flora Assessment of the Loboc-Bilar Mahogany (<i>Swietenia macrophylla</i> King.) Plantation and a Secondary Forest in Raja Sikatuna, Bohol, Philippines
4	Almazan, Veronica, L	Effects of Forest Disturbance on Soil and Litter Arthropod Assemblages
5	Mendoza, Elisha Immanuel L.	Forest Tree Health Assessment and Tree Disease Incidences along the Main Trails in Makiling Botanic Gardens, Los Baños, Laguna
6	Santiago, Janella T.	Investigating Root-Associated Fungi in <i>Brackenridgea foxworthyi</i> for Biodiversity Conservation and Ecosystem Resilience
7	Gudao, Kasandra Ortezze B.	Susceptibility of Endangered Philippine Native Ebenaceae Species in an Ex-Situ Collection to Black Leaf Spot Disease
8	D. Thangamani, P. Devamanikandan, S. Lalitha & Rekha R. Warriar	Modeling Potential Distribution of <i>D. sissooides</i> wight & arn. in Tamil Nadu and Kerala –A Vulnerable Tree Species
9	D. Thangamani, S. Lalitha & Rekha R. Warriar	Evaluation of Genetic Variation Among <i>Madhuca longifolia</i> (j. koenig ex l.) j.f.macbr. trees (madhuca) from Tamil Nadu, India
10	D. Thangamani, S. Lalitha & R. Anandalakshmi	Genetic Variation in <i>Myristica malabarica</i> Population Using SSR Markers and its Conservation
11	Andal, Marinel B.	Assessment of Carbon Stock and Sequestration Dynamics in the Pantabangan-Carranglan Watershed Forest Reserve
12	Anzia, John Mark	Quantification of Sediment Retention Services Under Different Forest Cover Conditions Provided by Pantabangan-Carranglan Watershed Forest Reserve
13	Lobite, Neil Jun S.	Ensemble Ecological Niche Models Demonstrate Distributional Shift and Range Contraction of the Endemic and Vulnerable Philippine Dawn Bat (<i>Eonycteris robusta</i>) Under Changing Climate

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| 14 | Ostria, Lhea Joy H. & De Castro, Ma. Ellenita G. | Morpho- Anatomical Characterization of the Ordinary and Modified Leaf of <i>Nepenthes philippinensis</i> Macfarl. (Nepenthaceae) |
| 15 | Olivar, Cary Maynard R. | Flora and Wellness: Uncovering Forest Bathing Opportunities in Mount Makiling |

CFNR Guide Map

INTERNATIONAL DAY FOR BIODIVERSITY 2025 SYMPOSIUM

Asia's unique forests and trees: Conserving diversity, building resilience, enhancing productivity



Legend:

- CFNR
- Non-UP Unit
- Residence Hall

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| <ul style="list-style-type: none"> 1 CFNR Arch 2 Forest Products Research and Development Institute 3 CFNR Department of Forest Products and Paper Science 4 Makiling Botanical Garden (MBG Pavilion) 5 Museum of Natural History 6 Ecosystems Research and Development Bureau 7 Arbor Square | <ul style="list-style-type: none"> 8 CFNR Admin Bldg. and Lansigan Auditorium 9 Forest Science Building 10 Institute of Renewable Natural Resources Building 11 CFNR Lib. and Dept. of Social Forestry and Forest Governance 12 Student Plaza 13 Forestry Residence Hall 14 Makiling Residence Hall | <ul style="list-style-type: none"> 15 New Forestry Residence 16 CFNR Covered Court 17 Makiling Center for Mt. Ecosystems (MCME) & Training Center for Tropical Resources and Ecosystems Sustainability (TREES Hostel) |
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Mapped by:



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UNIVERSITY OF THE PHILIPPINES LOS BAÑOS