



RESEARCH  
PROGRAM ON  
Forests, Trees and  
Agroforestry



# Forests, trees and agroforestry for diverse sustainable landscapes

International Conference  
22-24 June 2021

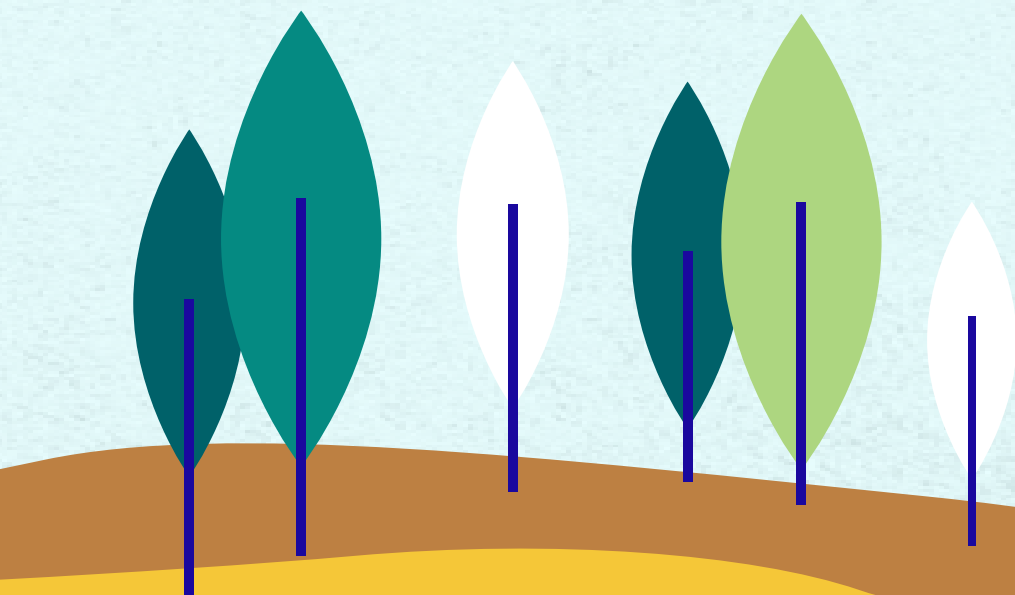
Kunming, China

Co-organized by  
the CGIAR Research program on Forests, Trees and Agroforestry  
and the Kunming Institute of Botany, Chinese Academy of Sciences  
and the Research Institute on Resource Insects of the Chinese  
Academy of Forestry

**Timezone: UTC+8 (Beijing Time)**

Draft Agenda

REGISTER TO THE  
CONFERENCE HERE



# DAY 1 22 June

**14:00 – 15:30 UTC+8 (BEIJING TIME)**

## **OPENING PLENARY SESSION: SETTING THE SCENE**

Facilitators: Vincent Gitz & Xu Jianchu + (TBC)

**FOR POSTER SESSIONS  
SEE ANNEX  
(ON-SITE ONLY)**

### **OPENING REMARKS**

Prof. **SU Jianrong**, Director, Research Institute of Resource Insects, Chinese Academy of Forestry

Prof. **SUN Hang**, Director, Kunming Institute of Botany, Chinese Academy of Sciences

Prof. **HAO Weiping**, Deputy Director, Department of International Cooperation, Chinese Academy of Agricultural Sciences

### **CONFERENCE OVERVIEW** – Vincent Gitz, FTA Director

### **KEYNOTES**

Prof. **LU Yuanchang**, Chinese Academy of Forestry – *Tree species diversity pattern in tropical mountain forests and its implications for close to nature management*

**FAO Representative** (TBC)

**Razan Al Mubarak**, Managing Director, Mohamed bin Zayed Species Conservation Fund – *Rebuilding the status of plants as a focal point for the conservation agenda*

**Robert Nasi**, CIFOR Director-General – *Collapse or resilience of civilization: a role for forests and trees?*

**15:30 – 16:00 UTC+8 (BEIJING TIME)**

## **COFFEE/TEA BREAK**



# DAY 1 22 June

16:00 – 17:30 UTC+8 (BEIJING TIME)

## PARALLEL SESSIONS I

FOR POSTER SESSIONS  
SEE ANNEX  
(ON-SITE ONLY)

### THEME 1

#### Trees for agroecology and circular agriculture

(Fergus Sinclair + Eduardo Somarriba + Dossa Gbadamassi)

1. *Conducive policy and regulatory regimes are key to the success of agroforestry in India*  
**A. K. Srivastava** – Network for Certification and Conservation of Forests, Noida, India
2. *Modelling Moringa oleifera distribution in support of agroforestry applications*  
**Sailesh Ranjitkar** – Faculty of Agroforestry, Lumbini Buddhist University, Lumbini, Nepal
3. *Harnessing sericulture in agroforestry systems*  
**Phoebe Kirigo Mwaniki** – World Agroforestry
4. *Can rubber agroforestry improve nutrients cycling?*  
**Dossa Gbadamassi** – Xishuangbanna Botanical Garden, CAS
5. *Amla (Phyllanthus emblica) fresh tree fruit as new feed source for sustainable dairy Production: Effect on milk production, and fatty acid profiles in lactating dairy cows*  
**Mekonnen Tilahun** – Institute of Animal Science, Chinese Academy of Agricultural Science
6. *Agroforestry Practices in the Lowland Terai Region of Nepal: A Case Study from Rautahat District*  
**Shankar Adhikari** – Ministry of Forests and Environment, Kathmandu

### THEME 2

#### Tree diversity: realizing economic and ecological value from tree genetic resources to bridge production gaps and promoter resilience

(Ramni Jamnadass + Chris Kettle + Bu Dengpan)

1. *Are seed supply systems for forest landscape restoration fit for purpose? An analysis of four Asian countries*  
**Ennia Bosshard**  
ETH
2. *Certification of Nurseries and Quality Planting Material to Accelerate Agroforestry in India*  
**Abhijit Ghose** – Network for Certification and Conservation of Forests
3. *The Measuring of Carbon Density, Distributing and Storage of Chinese Bamboo Forest*  
**GUO Qirong** – Co-Innovation Center for Sustainable Forestry in Southern China, Nanjing Forestry University, China
4. *Development of a highly efficient callus induction and plant regeneration system for Dendrocalamus sinicus using hypocotyls as explants*  
**CUI Kai** – Research Institute of Resources Insects, CAF
5. *Genetic diversity and patterns of variation of threatened Dalbergia cultrata in China revealed by SSR markers and a strategy for restoration and conservation*  
**ZHENG Yongqi** – Research Institute of Forestry, Chinese Academy of Forestry
6. *Setting site-specific conservation and restoration priorities for valued tree species across South and Southeast Asia*  
**Hannes Gaisberger** – The Alliance of Bioversity International and CIAT



# DAY 2 23 June

14:45 – 16:15 UTC+8 (BEIJING TIME)

## PARALLEL SESSIONS II

FOR POSTER SESSIONS  
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### THEME 3

#### Trees in the framework of the CBD

(Anja Gassner + Yves Laumonier + Zhou Mi)

- Environmental stratification for understanding climate change impacts on biodiversity and protected areas, and the potential role for agroforestry in conservation*  
**Robert Zomer** – KIB
- Climate, soil, and water benefits versus biodiversity: allies or adversaries in reforestation?*  
**HUA Fangyuan** – Peking University
- Estimation of tree diversity trajectories in primary and production tropical forests in Costa Rica*  
**Elliot Maurent** – CIRAD
- Trade Agreement's Impact on Biodiversification – An example in the North America*  
**ZHOU Mi** – Deputy Director of the Institute of American and Oceania Study, Chinese Academy of International Trade and Economic Cooperation, Ministry of Commerce
- Peat Land Ecosystem Biodiversity and Carbon Content in the Pulang Pisau District, Central Kalimantan*  
**Vivi Yuskianti** – Forest Research and Development Center (FRDC)
- The Role of High Conservation Value Forest in Conserving Tree Species in the Oil Palm Plantation Landscape*  
**Rozza Tri Kwatrina** – Forestry Research and Development Center

### THEME 4

#### Mountain ecosystems and food security

(Himlal Baral + Hua Fangyuan)

- Indigenous Crops and their Roles in Food and Nutritional Security in the Eastern Himalayas*  
**Jyoti Prakash Tamang** – ICIMOD
- Variations in soil nutrient dynamics and bacterial communities in long-term tea monoculture production systems*  
**GUI Heng** – KIB
- Fungal endophytes: a potent biocontrol agent*  
**Saowaluck Tibpromma** – KIB
- Livelihood improvement and landscape restoration through fruit sector development in North-Western Vietnam*  
**Pascal Lienhard** – CIRAD
- Global Land Grabbing: A Critical Review of Case Studies across the World*  
**YANG Bin** – Yunnan University
- The Potential Role of Forestry Interventions in Landslide Prone Areas of Cherangany Escarpment, Kenya*  
**Ernest Kiplangat Ronoh** – Kenya Forestry Research Institute

16:15 – 16:45  
COFFEE/TEA BREAK

# DAY 2 23 June

16:45 – 18:15 UTC+8 (BEIJING TIME)

## PARALLEL SESSIONS III

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### THEME 5

#### Assessing benefits of landscape restoration

(Peter Minang + Chris Kettle + Guo Yufu)

- Development of Pilot Sites for the Implementation of United Nations Forest Instrument in China*  
**GUO Yufu** – National Forestry and Grassland Administration, China
- The Economics of Ecosystem Restoration (TEER) initiative*  
**Nathanaël Pingault** – CIFOR/FTA
- Diversity Bears Fruit: Evaluating the Economic Potential of Undervalued Fruits for an Agroecological Restoration Approach in the Peruvian Amazon*  
**Elisabeth Lagneaux** – Plant Production Systems Group, Wageningen University
- Toward sustainable revegetation in the Loess Plateau using coupled water and carbon management*  
**ZHAO Fubo** (Department of Earth & Environmental Science, Xi'an Jiaotong University, China)
- Super power for Robinia pseudoacacia to well grow on the bare rock slope created by bacteria*  
**ZHUANG Jiayao** (Nanjing Forestry University)
- Leguminous shrub-based evergreen energy systems for carbon drawdown and biodiversity conservation*  
**Dennis Garrity** (Global EverGreening Alliance + ICRAF)

### THEME 6

#### Trees for a circular green economy

(Michael Brady + Yanxia Li + Peter Mortimer)

- Reviewing the worlds edible mushrooms*  
**Peter Mortimer** (KIB)
- Alleviating forest degradation in mountain landscapes: making use of mushroom cultivation for rural development*  
**Asanka Bandara** (KIB)
- Establishment of Rattan Plantations*  
**Rene Kaam** (INBAR)
- Tree and bamboo-based circular bioeconomy for alternative biomass energy. Charcoal briquettes as a cleaner biomass energy solution*  
**Mary Njenga** (ICRAF)
- Feed utilization and industrial development prospect of woody plants in China*  
**ZHANG Yanping** (Research Institute of Resources Insects, CAF)
- 6.5 Million Ha of Natural Forest In East Kalimantan, Indonesia for Nature Capital of Green Growth Development through Emission Reduction Program*  
**Wayan Susi Dharmawan** (Forest Research and Development Center, Ministry of Environment and Forestry, Indonesia)



# DAY 3 24 June

**14:45 – 15:45 UTC+8 (BEIJING TIME)**

## **CLOSING PLENARY: CONCLUSIONS AND RECOMMENDATIONS FROM THE CONFERENCE**

**FOR POSTER SESSIONS  
SEE ANNEX  
(ON-SITE ONLY)**

### **Introduction**

### **Main results and recommendations by theme leaders**

1. Trees for agroecology and circular agriculture
2. Tree diversity: realizing economic and ecological value from tree genetic resources to bridge production gaps and promote resilience
3. Trees in the framework of the CBD
4. Mountain ecosystems and food security
5. Assessing benefits of landscape restoration
6. Trees for a circular green economy

### **Results from the conference in the context of 2021 – From Science to Policy and Action: Recommendations and way forward**

**15:45 – 16:15 UTC+8 (BEIJING TIME)**

### **COFFEE/TEA BREAK**

**16:15 – 17:00 UTC+8 (BEIJING TIME)**

### **CLOSING REMARKS**

**Ranjit Barthakur** – Bali Para Foundation

**WANG Ren** – Director General, China National Gene Bank, Shenzhen

**Tony Simons** – ICRAF Director General



# POSTER SESSIONS

## DAY 2 23 June

9:30 – 12:00 UTC+8 (BEIJING TIME)

### Theme 1

**Trees for agroecology and circular agriculture** (Poster session facilitator: YANG Bin, Yunnan University)

### Theme 2

**Tree diversity: realizing economic and ecological value from tree genetic resources to bridge production gaps and promoter resilience** (Poster session facilitator: GUI Heng, KIB)

### Theme 3

**Trees in the framework of the CBD** (Poster session facilitator – Fiona Worthy, KIB)

## DAY 3 24 June

9:30 – 12:00 UTC+8 (BEIJING TIME)

### Theme 4

**Mountain ecosystems and food security** (Poster session facilitator – ZHAI Deli, KIB)

### Theme 5

**Evaluation on landscape restoration of benefit** (Poster session facilitator – CHEN Huafang, KIB)

### Theme 6

**Trees for a circular green economy** (Poster session facilitator – LI Huili, KIB)

