

23-29 June 2024, Stockholm, Sweden

PARTNER EVENT

UNDER THEME 2 : TOWARDS A RESPONSIBLE FOREST BIO-ECONOMY

SESSION T2.29

“ *Strengthening Teak Forest
Management for Sustainable
Teakwood Supply Chains
and Trade* ”

FRIDAY
28
JUNE 2024

08:30 - 10:30 AM (CEST) Room : K21

Organizers





Background

Teak's (*Tectona grandis* L.f.) exceptional quality and global demand have positioned it as an important species for planting across 70 tropical countries, with plantations covering 4.4 to 6.9 million ha. The global trade of teak roundwood, averaging 1.02 million cu.m per year, and the demand is predicted to increase in the coming years. Despite declining natural supply, plantation-grown teak holds promising long-term prospects, although controversies arise from exaggerated investment projections. The absence of common international log grading rules and varying measurement units further complicates matters. However, the quality of teakwood from well-managed planted forests has improved with superior planting material and silvicultural practices.

Forest management certification and legality enforcement are increasingly crucial for plantation-grown teak trade, necessitating strict control over legal sourcing and supply chains. Establishing transparent and traceable timber supply chains can offer teak growers more global market opportunities. In many tropical countries, smallholders and farmers own teak forests, requiring innovative simplified certification systems to alleviate high transaction costs. Additionally, teak plantations play a significant role in carbon sequestration and Forest Landscape Restoration, particularly on degraded lands. The session will delve into the current international scenario regarding the supply of quality plantation teakwood from sustainable sources.

Objectives

- ▶ Strategies for enhancing productivity of commercial and smallholder teak plantations while conserving genetic resources in natural forests.
- ▶ Expanding teak trade from legally harvested and sustainably managed sources.
- ▶ Establishing international log grading rules with uniform log dimensions and measuring units.
- ▶ Developing R&D innovations in processing technologies and design for quality teak products from short rotation plantations.
- ▶ Assessing opportunities and challenges of smallholder teak production systems.

Programme Schedule

Friday, 28 June 2024 | 08:30 - 10:30 AM (CEST) | Room : K21

Session Chairs : Dr. PK. Thulasidas, Dy. Coordinator, IUFRO Teakwood Working Party & Former TEAKNET Coordinator, India
: Prof. Mário Tommasiello Filho, University of São Paulo, Brazil

Time	Title
08:30 - 08:40	Introduction Opening Remarks : Dr. Michael Kleine, Dy. Executive Director, IUFRO HQ, Vienna, Austria
08:40 - 08:50	Global Teak Resources and Market Assessment 2023 <i>Sandeep S, TEAKNET Coordinator, Kerala Forest Research Institute, Peechi, Kerala, India</i>
08:50 - 09:00	Promoting Legal and Sustainable Supply Chains for Sustainable Global Teak Markets <i>Hwan –Ok MA, Former ITTO Senior Project Manager, and Resource person, ITTO-BMEL Teak Project</i>
09:00 - 09:10	Development of Smallholder Teak Plantations in Vietnam <i>Dong Lam Tran, Deputy Director – General, Vietnamese Academy of Forest Sciences, Hanoi, Vietnam</i>

Friday, 28 June 2024 | 08:30-10:30 AM (CEST) | Room : K21

<p>09:10 - 09:20</p>	<p>Effect of Topographic Conditions on Teak Heartwood Quality in Mountainous Area <i>Simone Vongkhamho, Forestry Research Center, National Agriculture and Forestry Research Institute, Vientiane 01170, Lao PDR</i></p>
<p>09:20 - 09:30</p>	<p>Trends of trade and market access of tropical timber and timber products <i>Tetra Yanuariadi, International Tropical Timber Organization (ITTO), Yokohama, Japan</i></p>
<p>09:30 - 09:40</p>	<p>The future is genomic: rapid clone selection for teak productivity and value <i>Andrew Callister, Treehouse Forest Research, Check, Virginia, USA</i></p>
<p>09:40 - 09:50</p>	<p>Strengthening Smallholder Community-based Teak Plantations In Thailand <i>Yongyut Trisurat, Faculty of Forestry, Kasetsart University, Bangkok, Thailand</i></p> <p>09:50 - 10:00</p> <p>Heartwood production and density of 22-year-old teakwood from fast-growth plantations: a comparative study across three locations in Brazil <i>Mario Tomasiello Filho, Luiz de Queiroz College of Agriculture, University of São Paulo, Brazil</i></p>
<p>10:00 - 10:10</p>	<p>Intensely Managed Teak Plantations – Quality of Teakwood & Common Grading Rules for Teak Logs <i>Praveen Angusamy, Forest Development Corporation of Maharashtra (FDCM) Ltd., India</i></p>
<p>10:10 - 10:20</p>	<p>Reducing Initial Stocking Rates in Smallholder Teak Woodlots: Results of a Nelder Wheel Experiment in Northern Lao PDR after 15 Growing Seasons <i>Outhai Soukky, Northern Agriculture and Forestry College, Ministry of Agriculture and Forestry, Luang Prabang Province, Lao PDR</i></p>
<p>10:20 - 10:30</p>	<p>Discussion</p>
<p>Wrap up and Closing Remarks / Group Photo</p>	

POSTER SESSION (1)



Programme Schedule

Friday, 28 June 2024 | 12:30 - 13:15 PM (CEST) | 📍 Poster 21

Session Chair : Dr. S. Sandeep, TEAKNET, KFRI, India
Co-chair : Dr. P.K. Thulasidas, Dy. Coordinator, IUFRO Teakwood Working Party, India

Time	Title
12:30 - 12:35	X-ray Densitometry and Tree-Rings Applied in Growth Reconstruction of <i>Tectona grandis</i> <i>Mário Tomasiello Filho, Luiz de Queiroz College of Agriculture, University of São Paulo, Brazil</i>
12:35 - 12:40	On-farm Thinning Trials in Smallholder Woodlots of Teak: Intensive Early Thinning Improves Productivity <i>Outthai Soukhy, Northern Agriculture and Forestry College, Ministry of Agriculture and Forestry, Luang Prabang Province, Lao PDR</i>
12:40 - 12:45	Teak Plantations in Mixture with Native Species in Tropical Latin America: Growth, Management, Economics and Carbon Sequestration <i>Rasoul Yousefpour, Institute of Forestry and Conservation, John Daniels Faculty of Architecture, Landscape and Design, University of Toronto, Canada</i>
12:45 - 12:50	Sustainable Development of the Global Teak Sector: Adapting to Future Markets and Environments <i>Sreelakshmy, M. P., TEAKNET Secretariat, Kerala Forest Research Institute, Peechi, Kerala, India</i>
12:50 - 12:55	Sustainable Teak Harvesting and Regeneration Practices: Pivotal in Attaining the Economic, Social and Environmental Gains <i>Chandrasekaran Bala, Deputy Conservator of Forests, Amravati Forest Division, Forest Department, Maharashtra, India</i>

Friday, 28 June 2024 | 12:30 - 13:15 PM (CEST) | Poster 21

12:55 - 13:00	Thinning of Teak Forests - A Key to a Productive, Sustainable and Profitable Forest <i>Praveen Angusamy, Forest Development Corporation of Maharashtra (FDCM) Ltd., India</i>
13:00 - 13:15	Discussion
Wrap up and Closing Remarks	



ABOUT IUFRO WORLD CONGRESSES

IUFRO World Congresses are among the largest global forest-related events. They attract more than 3000 participants, including representatives from academia, governments, industry, NGOs and civil society, from all world regions.



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