



Research priorities in tropical silviculture: towards new paradigms?
IUFRO International conference
Montpellier, France
15-18 November 2011

Over the past 50 years, deforestation of tropical forests has increased at such an alarming rate that the long term sustainability of these valuable resources is in question. The loss of one of the richest and most ecologically important ecosystems in the world has become a major international concern. Uncontrolled harvesting, including over harvesting and poor practices, has now been recognized as an important cause of forest degradation and deforestation. However, sustainable forest management is recognized as a major tool to preserve continuous and large area of forests. Sustainability is indeed central to conservation efforts in “working” landscapes where natural resource management, biodiversity conservation, and maintenance of ecosystem goods and services are shared priorities. In tropical forests from which scattered trees of marketable species are harvested selectively for their timber, attainment of the goal of sustainable management should include maintenance of the full range of ecosystem goods and services and biodiversity as well as meeting the criterion of non-diminishing timber yields. After more than 50 years of tropical silviculture research carried out in the major forested regions of the world, and in the framework of the International Year of Forests, Cirad, CIFOR and Ecofor are organizing an international conference under the auspices of IUFRO (Division 1.02.00 Tropical and Subtropical Silviculture; Division 3.07.00 Forest operations in the tropics ; Division 8.02.00 Forest Biodiversity). The conference has the following objectives:

1. To examine the current state-of-art in tropical silviculture.
2. To refine our knowledge on the impact of silvicultural practices on forest dynamics and species diversity.
3. To explore how new, or locally developed, silvicultural approaches can complement those commonly applied for timber production.
4. To reflect on the adequacy of current silvicultural approaches to contribute to long-term sustainability—what modifications might be necessary, and how might these be implemented.
5. To define research priorities in forest ecology and silviculture for better conservation of tropical forests in the context of global policy instruments such as REDD and other investment funds for mitigating climate change.

Important information

Call for abstracts	15 February 2011
Deadline for abstract submission	30 April 2011
Notification of paper acceptance	31 July 2011
Early registration fee (includes lunches) until 9 September 2011	150 €
Late registration fee after 14 October 2011	200 €

Contacts: Plinio Sist, sist@cirad.fr

Website of the conference to be active very soon

Scientific Committee:

Sylvie Gourlet-Fleury Cirad (IUFRO division 1)
Manuel Guariguata CIFOR
Robert Nasi CIFOR (IUFRO Division 1)
John Parrotta, USFS (IUFRO division 8)
Jean-Luc Peyron Ecofor
Plinio Sist Cirad (IUFRO divisions 1 and 3)



PROGRAM

Research priorities in tropical silviculture: towards new paradigms? Montpellier, France, 15-18 November 2011

After more than 50 years of tropical silviculture research carried out in the major forested regions of the world, and in the framework of the International Year of Forests, Cirad, CIFOR and Ecofor are organizing an international conference in Montpellier under the auspices of IUFRO (Division 1.02.00 Tropical and Subtropical Silviculture; Division 3.07.00 Forest operations in the tropics) ; and Division 8.02.00 Forest Biodiversity).

Day 1. Plenary Session 1. Tropical Silviculture : State of the art

9h-10h. Presentations of the Conference and its objectives

10h-10h30. Coffee break

10h30-12h00. Silviculture of Timbers (6 oral presentations¹)

12h00-12h30. Discussion

12h30- 14h00. Lunch

14h00-15h30. Non Timber forest Products and other forest uses (6 oral presentations¹)

15h30-16h00. Discussion

16h30-17h00. Coffee break

17h00-17h30. Conclusions of Day 1

Day 2. Plenary Session 2. Assessing and minimizing the ecological and Socio-economical Impacts of Silviculture: lessons learned and ways forward²

8h30-10h30. Ecological Impacts²

8h30-10h00. Oral presentations (6)

10h00-10h30. Discussion

10h30-11h. Coffee Break

11h-13h00 Impact on carbon dynamics

11h00-12h30. Oral Presentations (6)

12h30-13h00. Discussion

13h00-14h00. Lunch

14h-16h00. Social Impacts

14h00-15h30. Oral Presentations (6)

15h30-16h00. Discussion

16h00-16h30. Coffee break

16h30-18h30. Economic Impacts

16h00-17h30. Oral Presentations (6)

17h30-18h00. Discussion

18h00-18h30. Conclusions

Day 3. Re-organization of IUFRO Research Group and Parallel Sessions

8h30-10h00. Re-organization of IUFRO's Research Group on tropical and subtropical silviculture

10h00-10h30. Coffee Break

10h30-12h30. Parallel sessions

12h30-14h00. Lunch

14h00-16h00. Parallel sessions

16h00-16h30. Coffee break

16h30-17h30. Organization of the working groups for day 4

Day 4. Research Priorities

09h00-12h30. Working Group sessions

12h30-14h00. Lunch

14h00-16h00. Restitution of the working groups

16h00-16h30. Coffee Break

16h30-17h30. Presentation of conclusions and conference closing

¹ Amazon, Congo Basin and SE Asia, 3 general presentations and 3 representative case study of each region (15 minutes)

² Stand dynamics, biodiversity and fauna ?

Proceedings of IUFRO International Conference on Research priorities in tropical silviculture: towards new paradigms? 24. France. English 207 KB. Ngomanda, A., Mavouroulou, Q.M., Obiang, N.L.E, Iponga, D.M, Mavoungou, J.F, L'Aépengué, N. Picard, N., Mbatchi, B. 2012 Derivation of diameter measurements for buttressed trees, an example from Gabon. *Journal of Tropical Ecology* 28: 299-302 doi:10.1017/S0266467412000144. English 357 KB. Rodney, K.P., Trevin, J. and Pinillos, C. 2011 Volume and decay data as a tool for tropical forest inventory and management. In: Sist, P. (ed.) *Proceedings of IUFRO International Conference on Research priorities in tropical silviculture: towards new paradigms?* 71. France. English 157 KB. IUFRO International Conference, Montpellier, France, 15-18 November 2011, Abstracts. Vienne : IUFRO, 127 p. IUFRO International Conference on Research Priorities in Tropical Silviculture, Montpellier, France, 15 Novembre 2011/18 Novembre 2011. <http://www.gip-ecofor.org/iufro-international-conference-research-priorities-in-tropical-silviculture-towards-new-paradigms/>. Actes de congrès. Version publiée - Anglais Accès réservé aux agents Cirad Utilisation soumise à autorisation de l'auteur ou du Cirad. document_564730.pdf Télécharger (1MB). Montpellier, France: IUFRO International Conference on Research Priorities in Tropical Silviculture: Towards New paradigms? 15-18 November 2011. *Banglapedia*, 2006. National Encyclopedia of Bangladesh. Dhaka, Bangladesh: Asiatic Society of Bangladesh. Champion, H.G., Seth, S.K. and Khattak, G.M. 1965. *Manual of Silviculture of Pakistan*. Pakistan: Govt. Press. CIRAD, UMR Eco&Sols, Montpellier, France Interests: tropical plantation; forest soil; nutrition; biogeochemistry; ecology; deep roots; silviculture; sustainability; Eucalyptus; mixed-species forest. Special Issue Information. Dear Colleagues (This article belongs to the Special Issue The 24th IUFRO World Congress: Session 64 What Future for Tropical Silviculture?) Show Figures. Graphical abstract.