The 47th Annual Meeting of IRG

Poster abstracts

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IRG Secretariat
Box 5609
SE-114 86 Stockholm
Sweden
www.irg-wp.com
in order to make a prospective study of this industrial sector. It is a market dominated by the use of CCA, with few exceptions. However, 50% of companies consider necessary the introduction to market of products or processes alternative to CCA with verified effectiveness, provided the change will not exceed the currently managed costs.


Marie-France Thévenon, Daniel Guibal, Patrick Langbour, Sébastien Paradis, Isabelle Chalon, Jean Gérard
Research Unit BioWooEB, CIRAD, TA B 114/16, 73 rue Jean François Breton, 34395 Montpellier Cedex 5, France
marie-france.thevenon@cirad.fr

This poster presents a new data base, the Atlas of tropical timber species. This Atlas aims to disseminate technological characteristics and uses of 273 tropical timbers from Africa, South America and South-East Asia, as well as the properties of 17 temperate timbers.

The data published in this atlas are up-dates of the 3 formers atlases published by ATIBT & CTFT (former forestry department of CIRAD), combined with the new version of TROPIX (version 8) (CIRAD software). To the usual characteristics, such as natural durability, physical and mechanical properties, new properties (thermal conductivity, higher heating value,…) are described

This Atlas is a common project between CIRAD, ATIBT and OIBT

Keywords: technological characteristics, uses, 273 tropical timbers, 17 temperate timbers
## Programme

The 47th Annual meeting of the International Research Group on Wood Protection (IRG47)
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2016-05-12
Atlas of tropical timber species
Edition of a new data-bank on 283 Tropical timbers

Marie-France Thévenon, D. Guibal, P. Langbour, S. Paradis, K. Candelier, R. Marchal, I. Chalon, Jean Gérard

Tropical timbers represent a wide range of durability, physical and mechanical performances, as well as various aesthetic appeals

When transformed, tropical timbers lead to large and various groups of products

A reliable, accurate and up-to-date knowledge of tropical timbers will allow a better use and is a contribution to the sustainability of tropical timber chains.

Up dates of 3 atlases

Atlas of Tropical Timber Species - 1st Edition
Technological Characteristics and Uses of 283 Tropical Timber Species (and 17 Temperate Species)

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Release Autumn 2016
In English & in French

Funding agencies: OIBT - CIRAD
Executing agency: CIRAD
Project duration: 3 years (2013-2016)
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Research Unit BioWooEB, CIRAD, Montpellier, France

CIRAD has a very large data base on tropical timbers

PROJECT
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