



Biodiversity and Conservation Biology in Plantation Forests

**Bordeaux, France
26-29 April 2005**

SECOND ANNOUNCEMENT

Organization:

The Conference will be organized by

IEFC (Institut Européen de la Forêt Cultivée), Bordeaux, France and
INRA (Institut National de la Recherche Agronomique), Bordeaux and Paris, France
under auspice of
IUFRO (International Union of Forest Research Organizations), Division 8;
WWF (World Wildlife Fund), Forests for Life Programme;
EFI (European Forest Institute), Joensuu, Finland

Location:

CNRS, Centre de recherche Paul Pascal, Talence-Bordeaux, France
[Tramway](#) station : Doyen ruy
(Under the D of Doyen on the Map)

Objectives:

During the past decades natural forests have continued to decline globally while the area of forest plantations has dramatically increased, to nearly 200 million hectares in 2000. In the meantime, biodiversity conservation and the relationship between biodiversity and ecosystem stability arose as major issues in both ecological sciences and public concern. Because the impact of plantation forests on biodiversity conservation is controversial, their ongoing expansion raises several questions: What threats and benefits to biodiversity can we expect from plantation forests? What is the functional significance of biodiversity in plantation forests? How could new practices help plantation forest to meet different objectives, including biodiversity conservation? The main objective of the conference will be to provide new scientific insights into this debate.

During the conference, biodiversity issues will be considered at the species, community and ecosystem levels. They will focus on three main types of plantation forests: short-rotation pulp

and fuelwood systems, long rotation timber plantations and planted forests established for the protection of watersheds, mountain slopes or other fragile lands.

Conference format:

The expected attendance is 100 participants. Concurrent sessions will not be organized. The Conference will be organized as a series of 4 sessions. A session lasts half a day (3 working hours). It consists in

- A keynote talk
- a series of scientific presentations, no longer than 20' each, including discussions
- a series of posters

Sessions

The following sessions are planned:

1. Stand management and biodiversity in plantation forest

Keynote speaker : Chris Quine (Forest research - UK)

- single-species management stands and biodiversity
- even-aged structure and biodiversity
- silvicultural practices (fertilizing, weeding, thinning, harvesting etc.) and biodiversity
- short term rotation and biodiversity

2. Plantation forests and biodiversity conservation at the landscape level

Keynote speaker : Ekehard Brockerhoff (Forest research - New Zealand)

- the effects of plantation forests on habitat fragmentation or connectivity at the landscape level
- contribution of plantation forest to biodiversity conservation or restoration (restoration of degraded lands, the buffer, nurse or edge beneficial effects to forest species) at the landscape level

3. Role of biodiversity on plantation forest functioning and resistance to perturbations

Keynote speaker : John Parrotta (USDA and IUFRO Division 1) *to be confirmed*

- the effects of biodiversity changes in plantation forest on ecosystem functioning (e.g. biomass production, C sequestration, nutrient cycling etc.)
- the effects of biodiversity changes in plantation forest on ecosystem response to disturbances (e.g. windthrow, pest outbreaks, fire etc.)

4. Towards best practices for plantations: Biodiversity and Sustainable Management

Keynote speaker : Jeff Sayer (WWF)

- monitoring and indicators of biodiversity in plantation forests
- the design and planning of multi-functional plantation forests
- socio-economics issues for biodiversity in plantation forests (social acceptance, economical trade-offs, eco-certification...)

Key dates:

- 15th of October 2004 : Call for papers
- 1st of february 2005 : Opening registration
- 15th of January 2005 : Abstract submission closure
- 1st of March 2005 : Third announcement with detailed programme
- 15th of March 2005 : Early registration deadline
- 15th of April 2005 : Registration closure
- 26th of April 2005 : Welcome address and registration in Bordeaux "Hotel des 4 soeurs"

Registration

Registrations online will start from February 1, 2004 on www.iefc.net

The registration fee is 250 € before March 15th, and 300 € after this date.

Discount price 200 € for students

Accompanying persons will be charge 50€ when coming to the field trip (the registration fee includes the field trip).

You will get an invoice as soon as you register.

Desk registration will start on Tuesday evening April 26th with an ice breaker in Bordeaux city at "hotel des 4 soeurs" close from the Opera House (tramway station "Grand théâtre") and the [tourist office](#) .

Field Trip:

The field trip will be organized on the 28th of April. We will leave by bus from Bordeaux city centre will have several stops within the largest plantation orest in Europe (1 million hectares of Maritime Pine) . insight will be given into the standard plantation forest management, experiments about biodiversity restoration and functional biodiversity at the landscape level, and conservation zones in old growth forests on sand dunes.

- Experimental site of biodiversity
- Standard forest management
- Old growth forest on sand dune

Conference Dinner:

A conference dinner will be organized On April 28th.

Language:

The official language of the conference will be English

Organizing Committee:

- Hervé Jactel IUFRO / INRA
- Christophe Orazio IEFC
- Jean-Michel Carnus, IEFC / INRA
- Alain Franc IUFRO Division 8

Scientific Committee:

- Alain Franc IUFRO Division 8
- John Parrotta IUFRO Division 1
- Hervé Jactel IUFRO Division 8/ INRA
- Eckehard Brockerhoff IUFRO Division 8/ Forest Research Institute of New Zealand
- Jeff Sayer WWF
- Chris Quine Forest Research / UK
- Alex Mosseler IUFRO Division 8/ Canadian Forest Research Service

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