



Final Plenary Meeting COST E21

*Contribution of Forest and Forestry to the
Mitigation of Greenhouse Effects*

7-9th October 2004

University College Dublin

Tentative Programme

26th July 2004

CONTACT DETAILS

Working Group 1

Denis Loustau

INRA-Recherches Forestieres
69 route d'Arcachon
F-33612 Gazinet cedex

Tel: + 335 57122851

Fax: +335 56680546

Email: loustau@pierroton.inra.fr

Working Group 2

Marcus Lindner

European Forest Institute (EFI)
Torikatu 34
FIN-80100 Joensuu, Finland

Tel: + 358 13 2520240

Fax: + 358 13 124393

Email: Marcus.Lindner@efi.fi

Local Hosts

Carly Green

Forest Ecosystem Research Group
University College Dublin
Belfield, D4 Ireland

Tel: +353 1 716 7673

Fax: +353 1 716 1102

Email: carly.green@ucd.ie

Brian Tobin

Department of Crop Science, Horticulture and Forestry
University College Dublin
Belfield, D4 Ireland

SCIENTIFIC ADVISORY GROUP

Ken Byrne, University College Cork

Ted Farrell, University College Dublin

Carly Green, University College Dublin

Maarten Nieuwenhuis, University College Dublin

Fergal Mulloy, University College Dublin

Brian Tobin, University College Dublin

Timo Karjalainen, Finnish Forest Research Institute, Finland

Eric Laitat, Chair of COST Action E21, Belgium

Marcus Lindner, European Forest Institute, Finland

Denis Loustau, INRA-Recherches Forestieres, France

VENUE

The meeting will be held on campus at University College Dublin. (www.ucd.ie)

ACCOMMODATION

Accommodation for conference participants has been reserved at the Montrose Hotel, opposite the University campus. Prices are €96 for single and €102 for double or twin per night inclusive of VAT. Further information can be obtained from the hotel webpage

(www.jurys.com/dublin_montrose_hotel.htm) (tel: +353 1 2693311, fax: +353 1 2961164).

Participants should make their own reservations until 18th August 2004 using the attached booking form or by calling the hotel direct and quoting 'COST E21', to obtain our special rates. Availability is not guaranteed after the 31st August.

TRANSPORTATION TO DUBLIN

A number of airlines across Europe fly direct to Dublin. The national airline, Aer Lingus (www.aerlingus.com) also provides direct flights to most European countries. Ryanair (www.ryanair.com) fly from Dublin to many European destinations direct or connecting through London Stanstead. Generally booking in advance can secure cheap fares.

TRANSPORTATION TO THE MONTROSE HOTEL

From the airport, take the AirCoach (www.aircoach.ie) to the Montrose Hotel. This blue coach is located directly outside the terminal building and travel time to the Hotel is approximately 45mins. Leaving every 15 mins from the airport the trip costs €7 one way or €12 return. Make sure to let the driver know you are going to the Montrose Hotel on the Sandyford route and he will drop you at the hotel. Tickets are purchased from the driver. Highly recommended and personally tested.

Dublin bus route 747 (www.dublinbus.ie) also stops at the Montrose hotel. The bus departs the terminal building approximately every 20 mins and the fare is €5 one way. Journey time is estimated at 1 hour. Always check with the driver that they stop at the Montrose Hotel.

Alternatively a taxi will cost on average €40 and take approximately 30mins depending on time of arrival.

TRANSPORTATION TO THE CONFERENCE VENUE

The conference venue is located 10 mins walk from the Montrose Hotel. Access is through the University Campus. Please refer to the map provided and signage will be in place to direct you there.

REGISTRATION

Participants who expect to be reimbursed from COST will need to preregister with the organizers by 2nd of July (email to carly.green@ucd.ie). The registration fee of €160 (inclusive of book of abstracts, coffee breaks, lunches, drinks, reception and conference dinner) and the cost of the field trip (€50) are due to be paid in advance by bank transfer by 31st August 2004. The completed registration form (attached) will be accepted only if accompanied by receipt of full payment of fees to the account details provided.

FIELD TRIP

A field trip will be held on Saturday 9th October to the monastic site of Glendalough in the Wicklow Mountains and then onto Avondale, the home of forestry in Ireland, celebrating its centenary this year, for a picnic lunch and tour of the property. The day will finish with dinner in the Wicklow mountains with some traditional Irish food and music. Numbers are restricted to 50 for this day trip so please register your interest early on the registration form.

PAYMENT OF REGISTRATION

Bank Name: Bank of Ireland

Branch Address: University Branch Montrose

Account Name: COST E21

IBAN: IE84BOFI90135119882330

BIC/Swift Code: BOFIE2D

A copy of the bank transfer/receipt must be sent with the registration form.

If you have any queries or special requests please do not hesitate to contact;

Ms. Carly Green

Ph: + 353 1 716 7673

Fax: + 353 1 716 1102

carly.green@ucd.ie

MEETING SCHEDULE
6th Plenary and Final Meeting of COST E21

The Contribution of Forests and Forestry to Mitigate Greenhouse Effects

WEDNESDAY 6TH OCTOBER

- 17.30** Registration, Montrose Hotel
19.30 Management Committee Meeting
20.30 Welcome Reception

THURSDAY 7TH OCTOBER

- 8.30** Welcome Address, Student Centre, University College Dublin

Session 1: Progress through the COST E21 Action

Chairperson: Ted Farrell

- 9.00 – 9.20** General objectives of the Action (Eric Laitat)
9.20 – 9.40 Harmonisation of methods for calculating carbon balances of european forests (Georgio Matteuci)
9.40 – 10.00 National research progress - Finland (Jari Liski)
10.00 – 10.20 National research progress - Ireland (Ken Byrne)

10.20 – 11.00 Coffee Break

Session 2: WG1 –Inventory of C pools and pool changes

Chairperson: Denis Loustau

- 11.00 – 11.20** Guidance on the definition and use of conversion and expansion factors, as well as biomass functions to estimate biomass (Zoltan Somogyi)
11.20 – 11.40 Allometric relationships for tree species in Greece (Dimitri Zianis)
11.40 – 12.00 The use of BEFs for Sitka spruce in Ireland (Brian Tobin)
12.00 – 12.20 Estimation of biomass stock of trees in Sweden (Raisa Mäkipää)

12.20 – 14.00 Lunch and Poster Session

Session 3: WG1 cont.

Chairperson: Raisa Mäkipää

- 14.00 – 14.20** Estimating foliage biomass for Scots pine (*Pinus sylvestris* L.) and Norway spruce (*Picea abies* (L.) Karst.) plots (Aleksi Lehtonen)
14.20 – 14.40 Regional estimation of carbon stock change in managed forests aided by regression, matrix and process models (Emil Cienciala)
14.40 – 15.00 An intercomparison of inventory and micrometeorological estimates of carbon exchange in a Sitka spruce forest ecosystem (Kevin Black)
15.00 – 15.20 Finding decay rates for European tree species wood – problems and possibilities (Joachim Rock)

15.20 – 15.40 Coffee break

Session 4: WG1 cont.

Chairperson: Eric Laitat

15.40 – 16.00 Soil C stocks in EU forest soils (Rainer Baritz)

16.00 – 16.20 Spatial variation and partitioning of soil respiration in Sitka spruce plantations in Ireland (Gustavo Saiz)

16.20 – 16.40 Soil and biomass organic carbon fluxes for Belgian forest since 1960 (Suzanna Lettens)

16.40 – 17.00 Estimation of forest carbon balance based on computationally updated forest resource data (Tuula Nuutinen)

17.00 – 17.30 Summary of WG1 and future direction (Denis Loustau)

19.30 **Conference Dinner**

FRIDAY 8TH OCTOBER

Session 5: WG2 – Management practices of forests to sequester C as new added value for multipurpose forestry

Chairperson: Ken Byrne

- 9.00 – 9.20** Forest management and carbon sequestration - relevance of soils (Robert Jandl)
9.20 – 9.40 How to manage a forest to serve various functions under the aspect of changing climate (Franz Badeck)
9.40 – 10.00 Changing rotation length in actual forests - effects on the development of age-class structure, carbon stocks and fellings (T. Kaipainen)
10.20 – 10.40 The role of wood for substitution in reducing net GHG emissions (Leif Gustavsson)
10.40 – 11.00 Carbon sequestration in wood products under different socio-economic conditions – an example of roof and wooden house construction and in two different regions of Germany (Susanne Kloehn)

11.00 – 11.20 Coffee break

Session 6: WG2 cont. and Uncertainty Analysis

Chairperson: Timo Karjalainen

- 11.20 – 11.40** Carbon accounting in harvested wood products in Portugal: approaches and uncertainty analysis (A. Dias)
11.40 – 12.00 Identifying and quantifying uncertainties associated with estimates of carbon stocks in Belgian forest biomass, necromass and harvested wood products (D. Perrin)
12.00 – 12.20 Role of forest carbon stock changes in the uncertainty of greenhouse gas inventory in Finland (Mikko Peltoniemi)
12.20 – 12.40 Summary of WG2 and future direction (Marcus Lindner)

12.40 – 14.20 Lunch

Session 7: Projects Linked to COST E21

Chairperson: Georgio Matteucci

- 14.20 – 14.40** CarboInvent (Wojtek Galinski)
14.40 – 15.00 SilviStrat (Manfred Lexer)
15.00 – 15.20 CarboAge (John Grace)
15.20 – 15.40 Afforestation management in northwestern Europe – influence on carbon sequestration, groundwater recharge and nitrate leaching: a synthesis (Bart Muys)

15.40 – 16.00 Coffee

Session 8: Perspectives for Further Activities

Chairperson: Marcus Lindner

- 16.00 – 16.20** CarboEurope IP
16.20 – 16.40 COST Action E43 - Harmonisation of National Forest Inventories in Europe: Techniques for Common Reporting
16.40 – 17.00 Options for including LULUCF activities in an international climate agreement after 2012 (Bernhard Schlamadinger)
17.00 – 17.30 Concluding remarks and discussion

SATURDAY 9TH OCTOBER

8.30 –21.00 Field Trip to Avondale Forest Park and Glendalough, Co. Wicklow.
(Including Dinner)

POSTER SESSION LIST

1. Temporal changes in allometric relationships during the first years of tree growth: Case- study for birch, maple, poplar and willow (Zwijnaarde - Belgium)
Van Camp N., Vande Walle I., Lust N. & Lemeur R.
2. Global identifiability as a prerequisite for model parameterisation – the case of the soil carbon model Yasso
Palosuo, T., Sievänen, R., Saccomani, M.P. and Liski, J.
3. Single tree biomass- and stem volume functions for eleven tree species used in Icelandic Forestry
Snorrason, A, Freyr Einarsson, S
4. The Dutch national system for greenhouse reporting of the LULUCF sector
Nabuurs, GJ
5. Net ecosystem exchange of the mountain spruce stand. Analysis of eddy-covariance data.
Urban, O., Dalibor, J., Havránková, K., and Marek, M.V.
6. Kyoto Protocol policy support using satellite remote sensing technology: A challenge for inventory-based methods?
Verstraeten, W
7. Effect of forest management on carbon pools and fluxes: comparison of a process and an empirically based model
Thürig, E
8. Environment and community based design of CDM AR projects: Some policy & technical aspects
Garcia Quijano, J



Final Plenary Meeting COST E21

Contribution of Forest and Forestry to the Mitigation of Greenhouse Effects

7-9th October 2004

University College Dublin, Ireland, on 7-9 October 2004

Registration Form

Registration and payment deadline: 31 August 2004

Forest Ecosystem Research Group (attn Ms. Carly Green)
University College Dublin, Ireland
Phone: +353 1 716 7673, Fax: +353 1 716
E-mail: carly.green@ucd.ie

Please return this form by email or fax as soon as possible or before the 31th August 2004.

-
- I will attend the conference €160
- I will attend the conference and the field trip €210
-

Name:

.....

Field of work:

.....

Institution:

.....

Address:

.....

Country:

.....

Telephone:

.....

Fax:

.....

E-mail:

.....

Total Paid:

.....



UCD COST E21 Conference 7-9th October 2004
Department of Environmental Resource Management

ACCOMMODATION BOOKING FORM

Please **FAX** or **EMAIL** this booking to The Jurys Montrose Hotel.

The Jurys Montrose Hotel -In House Reservations Ph + 353 1 2153631 Fax +353 1 2693376
noleen_conlon@jurysdoyle.com

Guest Name: _____ **Title:** _____ **Initials:** _____

Address: _____

Telephone: _____ **Fax:** _____

Company Name: _____ **Expected Time of Arrival:** _____

Telephone: _____ **Fax:** _____

Date of Arrival: ___ / ___ / ___ **No. Of Nights:** _____ **Type of Room:** _____

	Std. Single	Std. Twin	Std. Double	Executive Supplement
The Jurys Montrose - Rates	€92.00	€102.00	€102.00	€20.00

The rates are per room, per night and are inclusive of full Irish breakfast, service charge at 15% and VAT at 12.5% (which is subject to change without notice).

Payment Details:

Card Type: Visa / Amex / Diners / Master / Other _____

Card No.: _____ **Expiry Date:** ___ / ___

***** PLEASE NOTE *****

THE FINAL CUT-OFF DATE FOR BOOKING IS THE 31th AUGUST 2004
 FOLLOWING THIS DATE ALL BOOKINGS WILL BE SUBJECT TO AVAILABILITY

In the event of cancellation and avoiding cancellation charges

Please cancel accommodation directly with hotel and acquire a cancellation number. If room is cancelled within seven days of arrival date, the hotel will endeavor to resell the space, if unable to resell the space a charge equal to the amount of the first night stay will apply.

Special Requests: _____

Signed: _____ **Date:** ___ / ___ / ___

TRAVEL INFORMATION

Climate

The Irish weather can be changeable and is often very localised. This means that you may well have a morning of rain and an afternoon of sunshine.

Early October temperatures generally range between 8 - 15°C and rainfall averages 100mm for the month. It is a good idea to take layers of clothing with you and a general rule, always take rain gear. For daily weather information go to;

www.met.ie

On Line City Map

www.visitdublin.com/maps/

Dublin Airport

www.dublin-airport.ie

Airport Transfers

www.aircoach.ie

www.dublinbus.ie

Hotel Information

www.jurys.com/dublin_montrose_hotel.htm

Ireland Information

www.tourismireland.com

Dublin Information

www.visitdublin.com

University College Dublin

www.ucd.ie

Campus Map can be downloaded from the bottom of this page

www.ucd.ie/trans.htm

On Campus Facilities

There is a bank on campus and also one situated beside the hotel.

A post office and pharmacy can also be found on campus.