

Wednesday, October 25, 2006 (Alte Mensa)

18:30 hrs: Registration and welcome party

Thursday, October 26, 2006 (Aula)

Registration: 07:30 - 08:15 hrs

08:30 - 08:45 **Opening of the symposium** (Eichhorn, J.)

08:45 - 09:30 **Address of welcome**

(Köhl, M. / Rautio, P.)

09:40 - 10:10 **1 General lecture**

- Trends in observed air pollution effects in the ECE region (Gregor, H.-D.)

Coffee: 10:10 - 10:35 hrs

2 Response of forest ecosystems to changing environmental conditions

10:35 - 10:55 Keynote (Dobbertin, M. / de Vries, W. / Sterba, H.)

10:55 hrs **2.1 Results of national surveys of ICP Forest Monitoring**

Chair: M. Lindgren

Lectures:

11:00 - 11:15 - Results of 20 years forests monitoring in Belarus (Chabrovskaya, O. / Krasowski, V.)

11:20 - 11:35 - Main results of monitoring of forest ecosystems in Slovakia (Pavlenda, P.)

Poster introductions:

11:40 - 11:43 - Significance of Forest Monitoring Programmes – The Finnish Perspective (Derome, J.)

11:45 - 11:48 - The Norwegian Forest Officers' Monitoring Plots: Vitality surveys 1988-2005 – An introduction to a 3rd level of forest condition monitoring in Norway (Timmermann, V.)

11:50 - 11:53 - Forest health condition at bioindication points in Serbia (Nevenic, R.)

11:55 - 12:10 **Discussion**

Lunch: 12:10 - 13:05 hrs (Alte Mensa)

13:05 hrs **2.2 Evaluation of indicators and methodological results**

Chair: S. Raspe

Lectures:

13:10 - 13:25 - Monitoring Forest Health by Remote Sensing of Leaf Area Index (Solberg, S.)

13:30 - 13:45 - Defoliation - key parameter or cue ball of variegated influences (Seidling, W.)

Poster introductions:

13:50 - 13:53 - Modelling the carbon budget of selected German forestal intensive monitoring test sites using the simulation model BIOME-BGC (Jochheim, H.)

13:55 - 13:58 - Litterfall and defoliation in some Norway spruce and Scots pine stands (Ukonmaanaho, L.)

14:00 - 14:03 - Genetic differentiation of beech at the level II area 606 (Zierenberg, Hesse) (Gebhardt, K.)

14:05 - 14:08 - Managing Data in a Changing Environment (Houston, T.)

14:10 - 14:25 **Discussion**

2.3 Response to climatic change

14:25 hrs Chair: M. Dobbertin

Lectures:

14:30 - 14:45 - Effects of cyclical drought periods in defoliation and damaging agent's incidence in forest vegetation in Spain according to ICP Forests data: some results (Sánchez, G. / García, P.)

14:50 - 15:05 - Impact of Heat and Drought on Tree and Stand Vitality – Dendroecological Methods and first Results from Level II-Plots in Southern Germany (Beck, W.)

Coffee: 15:10 - 15:30 hrs

- 15:30 - 15:45 - From climate as a site factor to weather and water regime as impact factors of forest condition (Raspe, S.)
- 15:50 - 16:05 - Effects of the drought 2003 on forests in Swiss Level II plots (Graf Pannatier, E)
- Poster introductions:**
- 16:10 - 16:13 - The effect of dryness on the water balance of selected forest locations and the ascertainment of a potential risk of dryness (Müller, J.)
- 16:15 - 16:18 - Norwegian monitoring. Effects of climatic variability on the growth of Norway spruce in Norway (Andreassen, K.)
- 16:20 - 16:23 - Analyses of forest ecosystems response to climate change at Level II monitoring sites (Lasch, P.)
- 16:25 - 16:28 - Evaluation of Level II data from Intensive monitoring of forest ecosystems for water balance modelling (and nutrient fluxes) (Vilhar, U.)
- 16:30 - 16:33 - Towards selection of tree genotypes of higher drought resistance (Barigah, T.)
- 16:35 - 16:50 **Discussion**

Break: 16:50 - 17:00 hrs

17:00 hrs **2.4 Response to air pollution**

Chair: S. Solberg

Lectures:

- 17:05 - 17:20 - Nitrogen cycle of selected Swiss ICP-Forest level II plots (Waldner, P.)
- 17:25 - 17:40 - N dynamic and current N status of German forest ecosystem (Brumme, R.)
- 17:45 - 18:00 - Forestry management Options to maintain Sustainability - Element budgets at Level II sites in South-West Germany (von Wilpert, K.)

Poster introductions:

- 18:05 - 18:08 - Mosses as biomonitors of heavy metal and nitrogen deposition in a forest catchment (Santamaria, J.)
- 18:10 - 18:13 - Is N and S deposition altering the mineral composition of Norway spruce and Scots pine needles in Finland? (Merilä, P.)
- 18:15 - 18:18 - The relationship between nitrate and ammonium deposition and defoliation degree in the Finnish ICP Forests Level II network (Lindroos, A.-J.)

18:20 - 18:35 **Discussion**

19:30 hrs Formal dinner (Alte Mensa)

Friday, October 27, 2006 (Alte Mensa)

08:25 hrs **2.5 Response to biotic agents**

Chair: P. Roskams

Lectures:

- 08:30 - 08:45 - Analyses of tree mortality in Austria (Kristöfel, F.)
- 08:50 - 09:05 - Spatial and temporal patterns in the occurrence of biotic damage in Finland, with special reference to *Gremmeniella abietina* (Nevalainen, S.)
- 09:10 - 09:25 - Integrated evaluations of intensive monitoring results – a case study on cause effect relationships in a sessile oak ecosystem (Schröck, H.-W.)

Poster introduction:

09:30 - 09:33 - Crown condition of oak (*Quercus robur*) in Flanders (Belgium) (Sioen, G.)

09:35 - 09:50 **Discussion**

Coffee: 09:50 - 10:15 hrs

10:15 hrs **2.6 Vegetation and biodiversity**

Chair: G. Sánchez

Lectures:

- 10:20 - 10:35 - Forest biodiversity and air pollution: a standard method for soil biomonitoring (Ariño, A.)
10:40 - 10:55 - Phytodiversity assessments of level II and level I plots in Rheinland-Palatinate (Germany) (Bolte, A.)
11:00 - 11:15 - Analysis and diagnostic evaluation of the ecological state of forests in a changing environment, in accordance with landscape ecological criteria (Ingegnoli, V.)

Poster introductions:

- 11:20 - 11:23 - Trends of life-form spectra along environmental gradients in Spanish forest monitoring plots (Gaston, A.)
11:25 - 11:28 - Toward the development of a pan-European Forest Status Indicator, for contributing to the 2010 goal to halt the loss of biodiversity (Petriccione, B.)

11:30 - 11:45 **Discussion**

Lunch: 11:45 - 12:45 hrs (Alte Mensa)

12:45 hrs **3 Quality management**

Chair: A. Szepesi & M. Ferretti

12:45 - 13:05 Keynote (Ferretti, M.)

Lectures:

- 13:05 - 13:20 - Consistency of Forest Damage Assessments (Wulff, S.)
13:25 - 13:40 - Harmonization of methods of QA/QC in the chemical analyses of atmospheric deposition and soil water within the ICP Forests (Mosello, R.)
13:45 - 14:00 - Quality control of ground vegetation assessment in the French RENECOFOR (Level II network: estimation of observer effects (Dupouey, J.-L.)

Poster introductions:

- 14:05 - 14:15 - Defoliation of trees in Italy: Analysis of the tendencies on the national Level I network and QA procedures over the last decade (Bussotti, F.)
14:15 - 14:18 - Evaluation of the temporal consistency of crown transparency assessments via photo-quality assurance (Hendry, S.)

14:20 - 14:35 **Discussion**

14:35 - 15:35 **Poster presentation and coffee**

15:35 hrs **4 Future of Forest Monitoring under Life+**

Chair: T. Haussmann

15:40 - 16:10 Keynote (Landmann, G.)

Lecture:

- 16:10 - 16:25 - Pan- European criteria & indicators - MCPFE tool for promotion of sustainable forests management (Kaczmarek, K.)
16:30 - 16:45 - Perspectives of ICP Forests Monitoring (Lorenz, M.)

16:50 - 17:15 **Concluding discussion**

17:15 - 17:30 **Outlining conclusion** (Eichhorn, J.)

End of the symposium: 17:30 hrs

Saturday, October 28, 2006 (Field trip)

Field trip Solling 07:30 - 12:30 hrs

- Intensive monitoring at the Solling site (Meesenburg, H.)

- Long-term input reduction within the Solling roof project - Impact on N cycling and N allocation in a central European Norway spruce forest ecosystem (Lamersdorf, N.)

Organizing Committee

Johannes Eichhorn

Northwest German Forest Research Station
Göttingen, Germany

Egbert Beuker

Finnish Forest Research Institute, Punkaharju Research Unit
Punkaharju, Finland

Matthias Dobbertin

Swiss Federal Institute for Forest, Snow and Landscape Research
Birmensdorf, Switzerland

Marco Ferretti

TerraData Environmetrics
Siena, Italy

Martti Lindgren

Finnish Forest Research Institute, Vantaa Research Unit
Vantaa, Finland

Stephan Raspe

Bavarian State Institute of Forestry
Freising, Germany

Peter Roskams

Research Institute for Nature and Forest
Geraadsbergen, Belgium

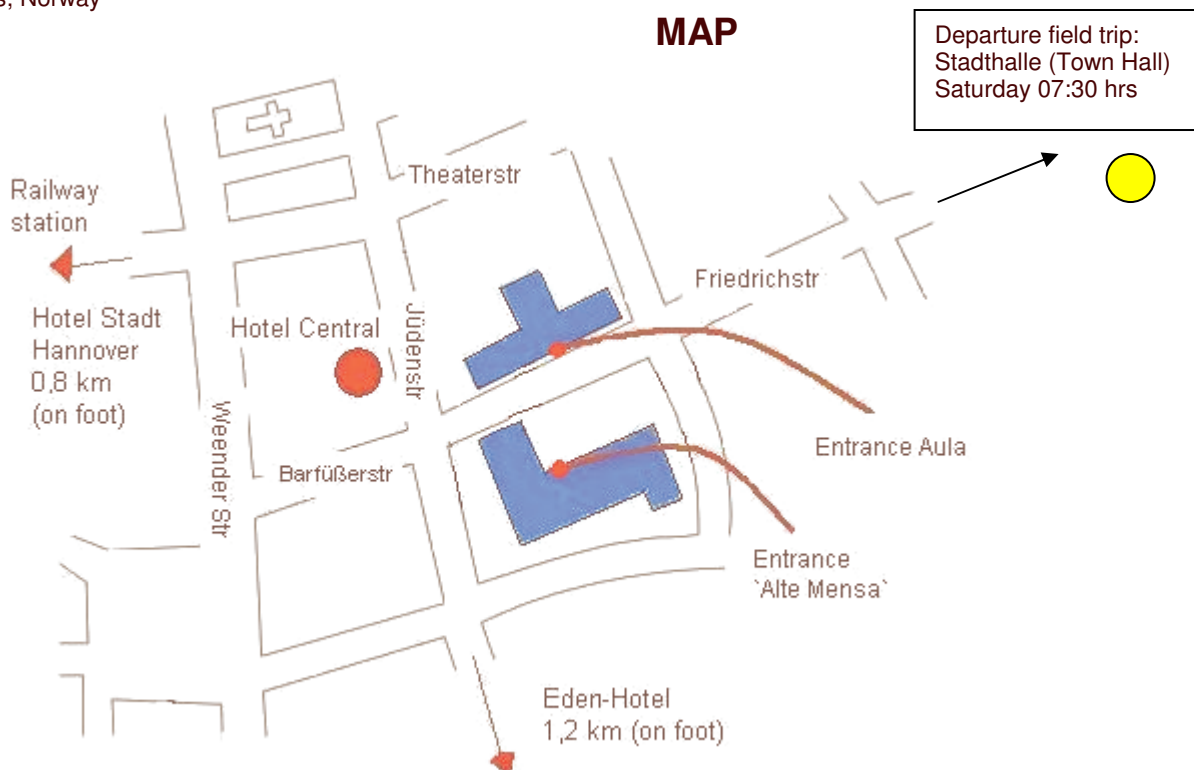
Gerardo Sánchez

Ministry for Environment
Madrid, Spain

Svein Solberg

Norwegian Forest Research Institute
Ås, Norway

MAP



Contact:

Northwest German Forests Station

Conference secretary: Mascha Albrecht, phone +49 551 69 401 – 172; mobile +49 176 767 89 002