

9.30 WELCOME ADDRESSES

Marco Pagnoncelli, Councillor,
Dept. Environmental Quality, Lombardy Region
Francesco Mapelli, President,
Regional Agency for Agriculture and Forestry
Giovanni Bottari, President,
Lombardy Foundation for the Environment
Carlo Maria Marino, President,
Regional Agency for Environmental Protection

10.00 INTRODUCTORY REMARKS

Antonio Ballarin Denti, Scientific co-ordinator
Lombardy Foundation for the Environment, Italy
Ettore Bonalberti, Director,
E.R.S.A.F., Italy

10.20 SESSION I: GLOBAL AND LOCAL ASSESSMENTS

Chairmen:

Antonio Tagliaferri, E.R.S.A.F., Italy
Günther Seufert, I.E.S.-J.R.C. Ispra, European
Commission

Air quality and plant ecosystems: a European overview

Impacts of ozone on European crops

Harry Harmens, ICP Vegetation Coordination Centre,
C.E.H., Bangor, United Kingdom

Are adult forest trees sensitive to chronic ozone stress?

Rainer Matyssek, University of München, Germany
and Gerhard Wieser, B.F.W., Innsbruck, Austria

Ozone impacts on semi-natural grasslands

Jürg Fuhrer, ART Zurich, Switzerland

11.20 A REGIONAL CASE STUDY: THE TOP PROJECT (TRANSBOUNDARY OZONE POLLUTION) IN LOMBARDY

*The open-top chamber experiment at Curno:
ozone levels and fluxes, effects on vegetation,
ecological and economic impacts at regional level*
Giacomo Gerosa, Rosaria Pansini, Catholic University
and Filippo Bussotti, University of Florence, Italy

12.00 DISCUSSION

12.30 VISIT TO THE FACILITIES / LUNCH BUFFET

14.00 SESSION II: RESEARCH PERSPECTIVES

Chairmen:

Roberto Carovigno,
D.G. Agriculture Lombardy Region, Italy
Fabrizio Piccarolo, Director,
Lombardy Foundation for the Environment, Italy

UNECE and EU programs

Relating impacts to leaf ozone uptake for forest trees

Per-Erik Karlsson, IVL Institute, Sweden

*The potential of the ICP-Forests for the assessment,
monitoring and modelling of ozone exposure, flux and
effects on forests: vision from an insider*

Marco Ferretti, TerraData Environmetrics and
University of Siena, Italy.

European initiatives: the roles of EMEP and ACCENT

Neil Cape, CEH, United Kingdom.

US initiatives

*An overview of research on ozone effects on US forests
with an emphasis on California*

Andrzej Bytnerowicz, USDA, USA

15.20 ITALY RESEARCH EFFORTS

*An overview of ozone impact on plant ecosystems in
Italy in relation to environmental conditions*

Massimo Fagnano, University Federico II, Napoli, Italy

*Ozone effects on Mediterranean vegetation: the
Italian cooperative project "OZON.IT"*

Antonio Ballarin Denti, Catholic University, Brescia, Italy

*Sustainable management of the agricultural and forest
systems: the INFOGESO Project*

Antonio Tagliaferri, E.R.S.A.F., Italy

16.00 SESSION III: POLICIES

Round Table:

Ennio Rota,
D.G. Environmental Quality, Lombardy Region, Italy
Stanislaw Cieslik,
J.R.C. Ispra, European Commission
Angelo Giudici,
Lombardy A.R.P.A., Italy

17.00 DISCUSSION

17.30 CONCLUSIONS

Andrea Beltrani, Board of Directors,
Lombardy Foundation for the Environment, Italy
Francesco Mapelli, President,
Regional Agency for Agriculture and Forestry

The Lombardy Foundation for the Environment (established by the Regional Government in partnership with five major Universities of Lombardy) has recently created a new research centre of terrestrial ecology – sited in Curno (BG) – aimed to study the impact of air pollutants on vegetation.

The centre's experimental facilities will be presented in a meeting open to leading European and U.S. scientists.

The meeting will be focused on a summary review of the main results of research programs about ozone impacts on plant ecosystems at European and local level in order to discuss new perspectives and subsequent policies by EU, state and regional authorities.

The meeting is mainly addressed to policy-makers and environmental bodies of our Region.

La Fondazione Lombardia per l'Ambiente (istituita dalla Regione Lombardia con il concorso delle cinque principali Università della Lombardia) ha recentemente attivato un nuovo centro di ricerca di ecologia terrestre – sito in Curno (BG) — con lo scopo di studiare gli impatti dell'inquinamento atmosferico sulla vegetazione.

Il centro sarà presentato in occasione del meeting rivolto a scienziati europei e statunitensi. Il meeting sarà indirizzato alla presentazione dei principali risultati scientifici dei programmi di ricerca sugli impatti dell'ozono sugli ecosistemi vegetali a livello europeo e locale, con l'obiettivo di discutere prospettive future e relative politiche messe in campo dall'UE, autorità nazionali e regionali. Il meeting è rivolto principalmente ai decisori politici e agli organismi ambientali della nostra Regione.

Il convegno è gratuito ed è prevista la traduzione simultanea.

Si prega di confermare la partecipazione via fax o e-mail.



Bergamo large area
The **green spot** is the town of Curno



Curno town area:  Regional Forest Nursery

Information

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Meeting

IMPACTS OF AIR POLLUTION ON PLANT ECOSYSTEMS: ASSESSMENT, PERSPECTIVES AND POLICIES

25 May 2007

Regional Forest Nursery

E.R.S.A.F.

Via Galilei, 2 - Curno (BG)