

ICP Forests evaluation plan

1. Ecosystem vitality, disturbances and resilience

- 1.1 Tree vitality in Central Europe, special focus on *Fagus sylvatica*
- 1.2 Abiotic and biotic agents
- 1.3 Tree vitality in Boreal and high elevation areas, special focus on *Picea abies*
- 1.4 Mediterranean aspects of forest vitality

2. Ozone related evaluations

- 2.1 Estimates of hourly ozone concentration for risk analyses and ozone–flux modelling
- 2.2 Ozone flux modelling
- 2.3 Ozone risk assessment, Poplar clone

3. Forest nutrition and critical loads and limits

- 3.1 Effects of environmental change and forest management on forest nutrition
- 3.2 Calculation of critical soil solution element concentrations and ratios and related tree response
- 3.3 Critical loads and dynamic modelling
- 3.4 Calculation of total deposition

4. Climate change related evaluations

- 4.1 Spatial interpolation of meteorological data
- 4.2 Water Budget Models
- 4.3 Impacts of air pollution and climatic factors on forest growth and above ground carbon sequestration
- 4.4 Carbon flux modeling at test core sites

5. Biodiversity related evaluations

- 5.1 Ground vegetation and its response to deposition and critical load exceedance
- 5.2 Impact of anthropogenic drivers on epiphytic lichen composition and diversity
- 5.3 Relations between biodiversity key factors on intensive monitoring plots and the large scale
- 5.4 Classification and evaluation of the state of conservation of the large scale plots

2009 report

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!!! ... Evaluations, Evaluations, Evaluations ... !!!

we “under-exploit” our data potential by far

we do have a plan but need funds and resources