



A TREEBREEDEX seminar open beyond the consortium

On behalf of the TREEBREEDEX network and the organisers, we are pleased to invite you to an open seminar entitled:

What do large genetic field experimental networks across Europe bring to the scientific community?

Sękocin Stary (Poland), June 22 – 24, 2010

The background of the seminar. Compared to other plant species, forest trees are specific in many aspects. They are long living plants with late sexual maturity, still undomesticated with high variability and heterozygosity levels. All this implies that research and tree improvement requires a specific approach. Forest tree breeders have developed over a long time a vast and original know-how. Most are interested in traits exploitable through selection, they have developed extended and unique experimental field networks covering contrasting ecological conditions where expression of genetic variability is studied. Unfortunately, this knowledge is not always disseminated and infrastructures are not exploited to their full extent. Thus we organise this seminar to discuss practical aspects connected with genetic field experiments not only between forest tree breeders but also with a wider audience.

The main objectives of the seminar are:

- To review the existing international field experiments
- To inform (advertise) the scientific community about the existing international networks.
- To review studies in different fields of biological sciences already done (such as biochemical/molecular genetics, environmental changes, soil microbiology, ecophysiology etc.) using forest tree provenance experimental networks.

- To evaluate limitations and constraints as well as new possibilities for using old provenance trials.
- To discuss the need for new networks for forest tree studies.

Preliminary agenda:

- Two days conference.
- Five plenary sessions introduced by invited speakers
- Presentations of voluntary papers (oral and/or posters).
- Common discussion sessions.
- One day scientific excursion.

Planned plenary sessions and invited papers:

1. Review on the results of international networks related to provenance research and environmental changes.
2. Usefulness of the genetic field experiments for other biological sciences.
3. Impact of the results of large genetic field experimental networks to practical forestry, timber industry and other fields.
4. Limitations and options of large genetic field experimental networks and the consequences for future experiments.
5. Review on research already done in the field of biochemical and molecular genetics.

Please do not hesitate to contact me for further details:

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