

CONFERENCE FIRST ANNOUNCEMENT

Forest ecosystem genomics and adaptation



9 - 11 June 2010

San Lorenzo del Escorial, Madrid, Spain

The aim of this international conference is to present new scientific findings in the area of ecosystem genomics, which addresses the structure and evolution of gene diversity at the population and community level. The conference will focus on the function and diversity of genes of adaptive significance in the context of climate change. Adaptation of forest ecosystems will be analyzed from an evolutionary perspective and illustrated by examples on trees and their associated species.

Invited speakers will include scientists from EVOLTREE, other research teams in Europe and other parts of the world. The conference is also open to policy makers and practitioners. Implications of the research findings to formulating relevant policies and implementing sustainable forest management will be also discussed.

Topics covered in the programme

- Phenomics under climate change
- Population genomics of adaptive traits
- Evolutionary responses to environmental change
- Community responses to environmental change
- Migration under climate change
- Eco-regional trends in adaptation
- New technologies in ecosystem genomics
- Implications of scientific results in the improvement of relevant policies
- Climate change mitigation options

More information coming soon on the website (in construction):

www.ecosystemgenomics2010.fgua.es

Deadline for submitting abstracts: 1 March 2010

Organized by the EVOLTREE partner institutes

Biodiversity International (Italy) – French National Institute for Agricultural Research, France (INRA) – INRA Transfert (France) – National Institute for Agriculture and Food Research and Technology, Spain (INIA)

