



COST Action no. FP1202

Strengthening conservation: a key issue for adaptation of marginal/peripheral populations of forest trees to climate change in Europe (MaP-FGR)

2012 | 2016

Objectives

1. Compiling information on climate change impacts on MaP populations,;
2. making information available for preparing national and pan-European forest plans and strategies for adaptation and mitigation;
3. developing criteria for monitoring and conserving FGR,
4. sharing results with forest managers.

Task 1 – Scientific and technical information on ecological conditions including climate change impacts on MaP populations at the limits of species ranges.

Task 2 - Genetic information including adaptive traits of MaP populations at the limits of species ranges.

Task 3 - Analysis and synthesis of available ecological and genetic information and knowledge gaps highlighted in Task 1 and Task 2 and recommendations for forest managers and for policy makers.

Task 4. Coordination and organization of all networking, databases management, training and communication activities: web-site, organization of conferences, training schools, short term scientific missions.

Main Achievements

- Kick-off Meeting 8 Nov. 2012, Brussels;
- First Plenary Meeting (MC and WGs) 22 – 25 Jan. 2013, Rome FAO, joint with the II SOW FGR (Survey of World Forest Genetic Resources) Session.
- Established WGs composition and started activities ;
- MC Meeting: established title and rules for Training school and STSMs.

Working Group 1 (Coord. Julian Gonzalo, INIA, Spain)

Title: **Gathering of already available data and compilation of ecological, genetic and global change information, and particularly climate effects, on FGR and distribution of MaP populations** (e.g. *climatic scenarios and models, forest decline maps, lists of endangered materials*). WG1 include climatologists, bio-climatologists, soil scientists, ecologists and geneticists.

Working Group 2 (Coord. Giovanni Giuseppe Vendramin, CNR IGV, Italy)

Title: **Evaluation and analysis of WG1 information** (e.g. *genetic diversity maps per species/populations, methodology for evaluation of FGR diversity, compilation of databases of relevant institutions, genetic material, trials and networks, gaps of information*). Standardization of methods. Meta-analysis of the data to identify common and divergent trends of FGR response to global change. WG2 will include ecologists, geneticists and silviculturists.

Working Group 3 (Coord. Bruno Fady, INRA, France)

Title: **Mainstreaming genetic diversity into sustainable forest management in the context of global change, considering both conservation and use of FGR.**

WG3 will include breeders, geneticists, ecologists, silviculturists, forest managers and policy makers.

Working Group 4 (Coord. Christophe Besacier, FAO Rome, France)

Title: **Coordination and organization of all networking, databases management, training and communication activities: conferences, workshops, training schools, web toolbox, open access databases, reports, publications, STSMs.**

WG4 will provide the integrative approach of the Action.

Forests, their Products and Services (FPS)

Participating countries

AT, BA, BE, BG, CH, CY, CZ, DE, DK, EE, EL, ES, FI, FR, HR, HU, IE, IL, IS, IT, LT, LU, LV, MK, MT, NL, NO, PL, PT, RO, RS, SI, SK, SE, TR, UK,

NCI: MOR, ALG, TUN, LEB, SYR, ARG...

Int. Bodies: IUFRO, FAO Silva Med., EFIMED,

Contact details

Chair of the Action

Fulvio Ducci,
Senior Research Officer,
Council for Research and Experimentation on Agriculture, Research Centre for Forestry - CRA SEL,
Italy

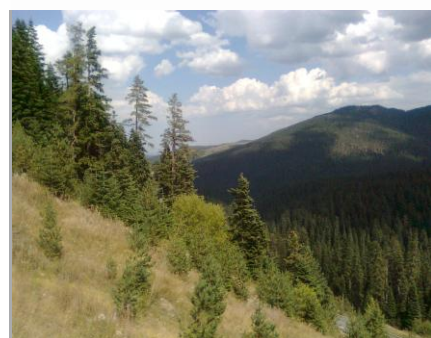
fulvio.ducci@entecra.it

Science Officer

Science Officer Forests, their Products and Services

COST Office

mela.langbein@cost.eu



Mediterranean Firs MaP Population



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