



FORESTERRA

Enhancing Forest REsearch in the MediTERRanean
through improved coordination and integration

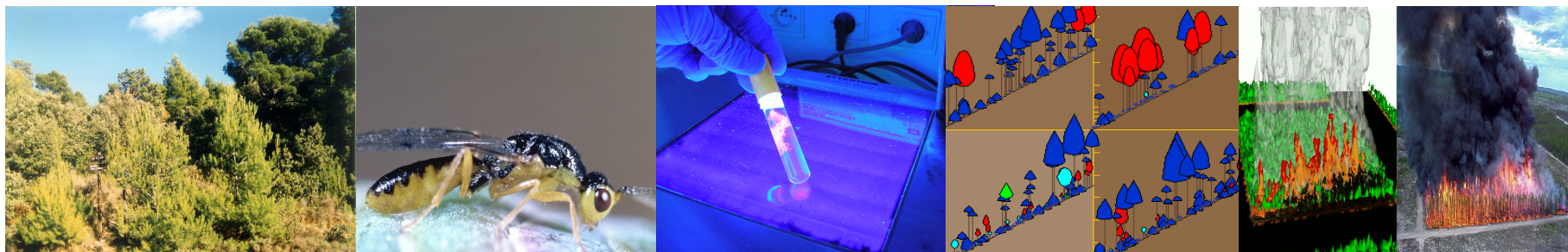


Écologie des Forêts Méditerranéennes - URFM

Avignon, France

François Lefèvre (dir.)

lefevre@avignon.inra.fr



www.paca.inra.fr/ecologie_des_forets_mediterraneennes

Networking Workshop. Marseille, France, 12-13 December 2013

INRA URFM - Facts and figures

- Staff : 40 incl. 14 researchers + PhD + post-docs
- Integrated and multidisciplinary research on the diversity, functions and dynamics of Mediterranean forests :
 - ***Population Biology and Evolution*** (trees, insects)
 - ***Functional Ecology and Community Dynamics***
 - ***Fire Physics and Ecology***
- Main projects international : FP7 (NoE EVOLTREE, IP FIRE-PARADOX, AGORA) ; ERA-Net Biodiversa (LINKTREE, TIPTREE) ; COST (MAP-FGR)
- Future perspectives :
 - Process-based approach of adaptation to climate change
 - Disturbance ecology and risk management

INRA URFM - Infrastructures

- Experimental sites from international / national networks :
 - ICOS site level 2 : holm oak – pine forest (Fontblanche)
 - EVOLTREE ISS : Biodiversity dynamics in Mont Ventoux
 - PlantaComp Ntwk : > 200 plantations, > 300ha
- Lab equipments :
 - Molecular Biology Platform (INRA Avignon)
 - Phytotron, growth chamber, greenhouses
 - Fire hall
- Modelling platforms and databases :
 - Platform CAPSIS : models in physiology, dynamics, genetics
 - FIRETEC, jointly with Los Alamos Nat Lab (USA)
 - FAO Silva Mediterranea database on GR trials

INRA URFM – Transnational collaborations

- EU Network of Excellence EVOLTREE (EFI) : genetic diversity of trees and associated species
- ICOS : integrated carbon observation system
- Los Alamos National Lab (USA) : fire modelling
- EUFORGEN : forest genetic resources conservation in Europe
- FAO Silva Mediterranea : genetic resources, forest fire
- ERASMUS Mundus MEDfOR
- Current active collaborations in the Mediterranean :
 - EU : Spain, Italy, Greece, Portugal, Croatia, Slovenia
 - Non EU : Tunisia, Lebanon, Algeria, Morocco, Turkey
- Direct output from these collaborations :
 - joint research projects and students
 - Applied activities (FGR)

INRA URFM - Transnational Research Unit

- INRA-URFM is willing to develop a Transnational Research Unit with INIA-CIFOR (Spain) and CNR-IBBR (Italy) :
 - we develop similar research projects
 - we have same expertise & complementary infrastructures
 - our long term permanent collaboration is only supported by short-term projects
- We expect from TRU regular support to enhance interactions :
 - support to short-term and long-term mobilities
 - possibility to co-finance PhD grants and post-docs
- Drawbacks that should be avoided :
 - avoid to create dependence
 - avoid excess of bureaucracy