



**FORESTERRA**

Enhancing Forest RESearch in the MediTERRanean  
through improved coordination and integration



# Centre d'Ecologie Fonctionnelle et Evolutive UMR 5175 CNRS

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**A few key-numbers: 135 permanent staff, 100 non-permanent**  
4 departments, 3 groups conducting forest research (C fluxes, ecosystem physiology, drought resistance, productivity, decomposition, soil organisms , mycorrhiza....)

**Priority research areas and objectives :**

**Ecosystem functioning & Dynamics and evolution of biodiversity**

Human-induced footprint and global change

Experimental and theoretical approaches (modelling)

Long-term projects

Management and mitigation

**Main past and current projects :** Carboeurope, ICOS, Fluxnet, Carboextrem, Expeer, Anae, , , , ,

**Future perspectives in the forest research domain :**

Productivity, vulnerability and carbon sequestration

Anticipating and mitigating climate changes

Modelling

## About forest research infrastructures:

### List of available infrastructures

**Flux tower**



**Throughfall experiment**



**Rain exclusion**





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## Transnational collaborations (European and international)

**Does your institute participate in any network? Which one? Which is the main topic?**

**ICOS, FLUXNET, ExPEER**

**ANAEE, SEMAFOR, STEXMED**

**Who are the national / European / international institutes with which you have active collaborations?**

**CESBIO, ESE, INRA Avignon, INRA Nancy**

**Max Planck Institute (lena), CREAM, IRNGREF....**

**Which are the direct outputs from this collaboration?**

**Papers, project.....**





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## Transnational collaboration

**Which is your interest in creating Transnational Joint Research Units?**

**Collaborative study, meta-analysis,**

**Which are the positive outputs you expect from this type of collaboration?**

**scientific outputs : comparing different forest responses  
(deciduous, evergreen, oak, pine....)**

**exploring new scientific subjects (environmental genomics....)**

**test mitigation option**

**Do you identify any drawback?**