



COST FP0701 Training School

## **POST-FIRE REHABILITATION**

**First announcement and Provisional programme**

### **Venue and dates**

UIMP – Palacio Pineda, Plaza del Carmen 4. Valencia (Spain)

Dates: 13-16 April 2010

### **Organizers**

COST Action FP0701 Post-fire Forest Management in Southern Europe

([uaeco.biol.uoa.gr/cost/](http://uaeco.biol.uoa.gr/cost/))

CEAM Foundation ([www.ceam.es](http://www.ceam.es))

PHOENIX Project Center ([www.phoenixefi.org/](http://www.phoenixefi.org/))

EFIMED - European Forest Institute

### **Course coordinator**

**Dr. V. Ramon Vallejo**, CEAM, Spain

Support: **Ms. Pilar Zamora**, CEAM, Spain

Local host: UIMP, CIEF (Regional Government of Valencia, Regional Ministry of Environment), and CEAM.

### **Background and objectives of the training school**

Forest fires may contribute to land degradation and desertification in the Mediterranean. Planning post-fire rehabilitation should be based in the diagnostic of fire impacts. Rehabilitation strategies and techniques should be effective in preventing onsite and offsite impacts, and recovering burned forests. The general aim of the school is presenting the most updated theoretical and practical knowledge for forest managers and scientists to address post-fire rehabilitation.

### **Specific aims of the School are**

- (i) to learn on the criteria for post fire rehabilitation planning; and
- (ii) to learn on the need and efficiency of emergency actions to prevent soil erosion and flooding in the short-term after fire; and
- (iii) to review the technology of post-fire restoration in the long-term, from nursery cultivation of seedlings to plantation techniques, and
- (iv) to learn on post-plantation forest management and fire prevention criteria in post-fire restoration; and
- (v) to introduce the landscape perspective in post-fire restoration.

## Admission

The course is designed for a maximum of 20 participants, which can be Master or PhD students working on forest fires, or forest managers working in land restoration or fire management in the Mediterranean region.

A good knowledge of English language is a pre-requisite.

Specific selection criteria: gender balance, priority to forest managers, balanced distribution by countries, lower priority for Spanish candidates, higher priority for Southeastern European countries.

## Contents of the school

The course will consist of four days of lectures, practical works and field visits presenting the latest development of knowledge. Provisional programme and invited lecturers:

### 1<sup>st</sup> day – Valencia. 13 April Tuesday

- Ecosystems vulnerability to wildfires: Planning post-fire restoration (including socio-economics). 1 h theory - **Ramon Vallejo –CEAM Spain**
- Short-term post-fire rehabilitation: Emergency actions 3 h theory (+ ½ day field visit (2<sup>nd</sup> day) – **Peter Robichaud - USDA Forest Service, Moscow ID**
- Afternoon: Long-term post-fire restoration 1 ( 3 h theory) **Jordi Cortina – University of Alicante Spain**
  - o Species selection
  - o Nursery techniques
  - o Soil preparation techniques
  - o Micro-environmental conditioners (tree shelters, hydrogels ..)

### 2<sup>nd</sup> day – Valencia, 14 April Wednesday

- Field trip to visit contour branches for mitigating soil erosion (Calderona, near Valencia) 4 h **Peter Robichaud & Teresa Gimeno –CEAM**
- Afternoon: Long-term post-fire restoration 2 . Silvicultural treatments (continuation of 1<sup>st</sup> part) 2 h theory **Jorge de las Heras & Daniel Moya, UCLM Spain**
- Planning restoration in the landscape: Forest restoration for fire prevention 2 h theory **Francisco Moreira – CEABN-ISA Portugal**

### **3d day – Valencia, 15 April Thursday**

- Morning: visit to the Forest Seed Bank Service and Nursery
- Practical exercise: Elaboration of post-fire strategy for a study case by the students, in working groups (including FARSITE simulations exercise) - 4 h **Ramon Vallejo & Beatriz Duguy – CEAM Spain**

### **4<sup>th</sup> day – Field trip Ayora (Valencia province) , 16 April Friday**

Visit experimental fire, clearing+plantation experiment, fog collection + plantation experiment, hardwood plantation under mature pine **Alejandro Valdecantos - CEAM Spain**

### **5<sup>th</sup> day – Departure, 17 April Saturday**

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#### **Practical issues:**

- **COST Action will provide a fixed grant of 700 € for the selected participants, to help covering the travel, accommodation and maintenance expenses in participating in this course. The process of grant payment procedure will be clarified latter by the COST office. This amount will be paid only AFTER the course, and there is no need to deliver any justification of expenses.**

Recommended accommodation: Hotel Venecia (reduced prices, at foot distance from venue)

Single use

With breakfast 61,63 euro

Without breakfast 56,34 euro

Double room

With breakfast 74,00 euro

Without breakfast 64,00 euro

(prices include VAT)

**HOTEL RESIDENCIA VENECIA**

C/En Llop, 5 (pedestrian)

Next to Plaza del Ayuntamiento

Telf. + 34 963524267

Fax. + 34 963524421

email: [reservas@hotelvenecia.com](mailto:reservas@hotelvenecia.com)

[www.hotelvenecia.com](http://www.hotelvenecia.com)

## **Applications**

Applicants should send their CV to:

[pilarz@ceam.es](mailto:pilarz@ceam.es)

please write in the e-mail subject: **application to COST FP0701 Training School**

**Deadline for applications: 19 February 2010**

The applications will be evaluated by the COST Action FP0701 Steering Committee and outcomes will be announced on the 24 February.

Further details will be provided to the selected participants.