



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

(<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 – Mediterranean Regional Office of the European Forest Institute

([www.efimed.efi.int](http://www.efimed.efi.int) )

### **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, 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:**

#### **Participants from COST countries:**

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.

#### **Participants from Non-COST countries:**

EFIMED will cover the travel and accommodation expenses of the selected participants from non-COST countries; eligible countries are: Albania, Algeria, Bosnia-Herzegovina, Egypt, Jordan, Kosovo, Lebanon, Libya, Montenegro, Morocco, Palestinian territories, Syria, and Tunisia.

Students interested to apply should fill in the application form enclosed. The application form must be submitted to EFIMED Secretariat (efimed@efi.int) **by 7th March 2010** at the latest.

The applications will be evaluated and the candidates might be contacted for further interviews by phone or Skype.

We especially encourage students from North-Africa and the Middle East to apply.

Further details will be provided to the selected participants.

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

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)

Single use With breakfast 61,63 euro Without breakfast 56,34 euro	Double room With breakfast 74,00 euro Without breakfast 64,00 euro
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(prices include VAT)