



# Mountain University @informa

*The newsletter of the Mountain University*

**n° 49 – 30th April 2012**

About us

Where we are

Gallery

## **CONTENTS:**

- News (pag. 2)
- Extra activities (p. 3)
- Ge.S.Di.Mont. (Pag. 4)
- About us (pag. 7)

## **NEXT EVENTS:**

**3 May 2012** → Meeting with Dott. Agr. **Gianpietro Bara** *President of the Ordine dei Dottori Agronomi e Dottori Forestali of the Province of Brescia*

**3rd May 2012** → Seminar **Insects of small fruits with particular reference to *Drosophila suzukii*** organized by Adamello Park in collaboration with The Mountain University and Comunità Montana.

**5th May 2012** → **Open Day 2012 of the Mountain University**

**16th May 2012** → Seminar **Introduction to plant ecology: autecology and sinecology** organized by Ge.S.Di.Mont. Interdepartmental Centre

**16th May 2012** → Seminar **Plant response to climate factors** organized by Ge.S.Di.Mont. Interdepartmental Centre

**30th May 2012** → Seminar **Plant response to soil factors** organized by Ge.S.Di.Mont. Interdepartmental Centre

**30th May 2012** → Seminar **Plant response to biotic and abiotic perturbations** organized by Ge.S.Di.Mont. Interdepartmental Centre

**6th June 2012** → Seminar **Ecological indices and measurement of biodiversity** organized by Ge.S.Di.Mont. Interdepartmental Centre

**6th June 2012** → Seminar **The main plant typologies of Lombardy** organized by Ge.S.Di.Mont. Interdepartmental Centre

**May/June 2012** → Course **"Fauna health management"** Paolo Lanfranchi (Department of Animal Pathology, Hygiene and Veterinary Public Health) Silvana Mattiello (Department of Animal Science) Milan University –Veterinary Medicine Faculty

**For further details see below**

# News

## OPEN DAY 5th MAY 2012

The Undergraduate Course in Conservation and Sustainable Development of Mountain areas is organizing an open day to allow students to visit the Edolo Campus (BS) and meet lecturers and students of the Mountain University.

The Open Day of the Mountain University will take place on **Saturday 5th May 2011 at 10.00 a.m.** in the Main Hall of the Faculty of Agriculture Edolo Campus in Via Morino n. 8.

### **PROGRAMME:**

Welcome by the Head;

Presentation of the Undergraduate Course in Conservation and Sustainable Development of Mountain areas;

Presentation of the research activities, internships and career opportunities of the Mountain University;

Meeting with students, lecturers and graduates of the undergraduate course in Edolo;

Visit to the University premises and laboratories.

During the Open Day information on accommodation in Edolo will also be available (flats, student hostel etc...).

### **ENROLMENT:**

To enrol send an e-mail to [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it) and [cosp@unimi.it](mailto:cosp@unimi.it) or fill in the form at [http://www.valmont.unimi.it/italiano/corso/openday\\_edolo\\_5May2012.htm](http://www.valmont.unimi.it/italiano/corso/openday_edolo_5May2012.htm) by **2nd May 2012.**

### **INFORMATION:**

Secretariat, Mountain University, Edolo Campus

Tel. and Fax 0364.71324

E-mail [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)

COSP - Centro per l'Orientamento allo Studio e alle Professioni

E-mail [cosp@unimi.it](mailto:cosp@unimi.it)

Site [www.cosp.unimi.it](http://www.cosp.unimi.it)

\* \* \* \* \*



## THE MOUNTAIN UNIVERSITY MEETS THE PARLIAMENTARY GROUP FRIENDS OF THE MOUNTAIN

Anna Giorgi, lecturer of the Mountain University and President of ISCAR, was invited to a meeting at the Italian Senate by **Sen. Giacomo Santini**, President of the Parliamentary Group Friends of the Mountain (GAM).

The meeting, which was also attended by **Prof. Carlo Lozzia**, head of the Undergraduate Programme in Conservation and Sustainable Development of Mountain areas, was an opportunity to explain to senators and MPs the activities of the university campus in Edolo with particular reference to the implementation of the program between MIUR and University of Milan, for the "Mountain University" project. The creation of a **national research network for mountain issues was also presented**. Numerous researchers have joined the initiative, sending a message to the e-mail [ricerca.montagna@unimi.it](mailto:ricerca.montagna@unimi.it). The establishment of a national research network that increases the opportunities for the exchange of ideas, experience and collaboration between research groups on different topics related to mountain areas can be particularly advantageous to increase the importance of activities and the representativeness of the Italian scientific community in a national and international and Alpine context to the benefit of areas which, in Italy, represent a considerable proportion of national territory, the highest among all the nations in the Alps.

Moreover, in a difficult time like the present, sharing resources, networking skills and the capitalization of

experience can facilitate the identification of efficient operating procedures for designing projects and procuring funds for research, experimentation and the technological transfer suitable for the needs and potential of mountain areas.

The next steps will see the creation of a portal to support the national network which, through the ISCAR Committee, will be connected to the international network of alpine research.

## **RECORDING AND BROADCASTING OF EVENTS AT THE MOUNTAIN UNIVERSITY**

On the Undergraduate programme in Conservation and Sustainable Development of Mountain areas website, on the page dedicated to extra activities <http://www.valmont.unimi.it/italiano/studenti/calendario.html>, there are some links to seminars which have taken place over the last few months at the Faculty of Agriculture's Edolo Campus.

This means that the activities which take place at the Mountain University can also be seen by those who could not take part on the day.

In addition, please note that **you can take part in the seminars offered by the Mountain University** in Edolo by connecting remotely via web. The web conferencing service, supported by the CTU of Milan University, allows you to watch live seminars and interact with the speakers.

**Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

## **INTERNATIONAL COOPERATION: NEWS FROM SOUTH AMERICA**

**Giovanna Spampinato** who graduated in Conservation and Sustainable Development of Mountain areas is now in **Cajamarca**, in the north of Perú, at about 2.700 m a.s.l. where she is taking part in a program of international cooperation.

You can find out more at:

<http://www.valmont.unimi.it/italiano/home>.

\* \* \* \* \*

## ***Extra Activities***

### **3 MAY 2012: MEETING WITH THE PRESIDENT OF THE ORDER OF AGRONOMISTS AND FORESTRY EXPERTS OF THE PROVINCE OF BRESCIA**

**On Thursday 3<sup>rd</sup> May 2012 at 3.30pm** in the Main Hall of the Mountain University dott. **Gianpietro Bara, President of the order of Agronomists and Forestry experts of the province of Brescia**, will present the opportunities resulting from being part of this organization to the students and graduates of the Undergraduate programme in Conservation and Sustainable Development of Mountain areas. Information will also be provided about the examination.

The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

### 3 MAY 2012: SEMINAR: INSECTS OF SMALL FRUITS WITH PARTICULAR REFERENCE TO DROSOPHILA SUZUKII

The seminar will take place on **3rd May 2012 at 8.30 p.m.** and is organized by Adamello Park in collaboration with The Mountain University and Comunità Montana. The seminar will be held by the entomologist **Giuseppe Carlo Lozzia** in the Main Hall of the Mountain University

The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

## ***Ge.S.Di.Mont***

### 16 MAY 2012: INTRODUCTION TO PLANT ECOLOGY: AUTECOLOGY AND SINECOLOGY

The Seminar "*Introduction to plant ecology: autecology and sinecology*" will be held by the naturalist **Luca Giupponi** on Wednesday **16 May 2012 at 9.00 a.m.** at the Mountain University

#### **Contents :**

Plant ecology in geobotany. Flora, potential and real vegetation. The theory of ecological systems. The individual, the population and the plant community. Studying plant ecology: autoecology and synecology. The main ecological factors (climate, soil, abiotic and biotic disturbances) that affect the plants.



The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

### 16 MAY 2012: PLANT RESPONSE TO CLIMATE FACTORS

The Seminar "*Plant response to climate factors*" will be held by the naturalist **Luca Giupponi** on Wednesday **16 May 2012 at 1.30 p.m.** at the Mountain University

#### **Contents :**

The climate. The main descriptors of climate (temperature and precipitation). The regimes of precipitation (continental and oceanic) and effects on vegetation. Walter-Lieth Climate diagram and bioclimatic indices. The biological forms of Raunkiaer and the biological spectrum. The different types of foliage (coniferous, deciduous, broadleaf evergreens). Climate change and its possible consequences on the vegetation.

The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

### 30 MAY 2012: PLANT RESPONSE TO SOIL FACTORS

The Seminar "*Plant response to soil factors*" will be held by the naturalist **Luca Giupponi** on Wednesday **30th May 2012 at 9.00** a.m. at the Mountain University

#### **Contents :**

The soil. The different soil types and relationship with vegetation. The classification of plant species according to soil characteristics: pH, nutrients, Ca ions, water, chlorides.

The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

### 30 MAY 2012: PLANT RESPONSE TO BIOTIC AND ABIOTIC PERTURBATIONS

The Seminar "*Plant response to biotic and abiotic perturbations*" will be held by the naturalist **Luca Giupponi** on Wednesday **16 May 2012 at 1.30** p.m. at the Mountain University

#### **Contents :**

Fire as a natural component of some ecosystems. Plant responses to fire. Fire in the Mediterranean, boreal, subalpine and alpine areas. Biotic disturbance: grazing, parasitism by fungi, bacteria, etc.. Plant responses to biotic disturbance. Mechanical disturbance: landslides, avalanches etc.. Plant response to mechanical disturbance.



The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

### 6 JUNE 2012: ECOLOGICAL INDICES AND MEASUREMENT OF BIODIVERSITY

The Seminar "*Ecological indices and measurement of biodiversity*" will be held by the naturalist **Luca Giupponi** on Wednesday **6th June 2012 at 9.00** a.m. at the Mountain University

#### **Contents :**

The Landolt ecological index and the ecological spectrum. The richness and biodiversity of plant communities (Shannon and Simpson indices). The functional types and strategies of adaptation according to Grime. Survey methods and principles of phytosociology.

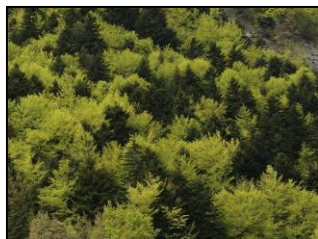
The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

## **6 JUNE 2012: THE MAIN PLANT TYPOLOGIES OF LOMBARDY**

The Seminar "*The main plant typologies of Lombardy*" will be held by the naturalist **Luca Giupponi** on Wednesday **6<sup>th</sup> June 2012 at 1.30 p.m.** at the Mountain University.



### **Contents :**

Ecological analysis of the main types of vegetation (beech, spruce, etc..) present in upland areas of Lombardy. Principles of vegetation dynamics. The protection of flora. The invasion of exotic species.

The meeting is open to the public and free of charge

You **can follow the meeting by** connecting remotely via web. **Participation via web is limited to users who have booked.** We therefore invite you to contact the Secretary's Office in Edolo (Tel. 0364/71324 [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)) to find out more.

\* \* \* \* \*

## ***About us***

This month:

**"Se le montagne bresciane si tingono di giallo zafferano"** – *Giornale di Brescia* 25 April 2012 [CLICK HERE](#)

**"Edolo. Applausi con lode per i nuovi dottori della montagna"** – *Bresciaoggi* 19 April 2012 [CLICK HERE](#)

We also invite you to see page [http://www.valmont.unimi.it/italiano/course/dicono\\_di\\_noi.html](http://www.valmont.unimi.it/italiano/course/dicono_di_noi.html) where you can find all the articles published regarding the Undergraduate Course.

**"Servizio Più Valli TV. Applausi con lode per i nuovi dottori della montagna"** – *Tg Più Valli TV* on 22nd March 2012 [CLICK HERE](#)

On the youtube channel of the Mountain University <http://www.youtube.com/user/corsoedolo?feature=mhee> you can find some videos regarding activities organized by the Mountain University.

For further information on the above-mentioned news items, and to activate, cancel or change your subscription to our newsletter please write to [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)

You can find all the issues of

*Mountain University @ informa*

at

<http://www.valmont.unimi.it/italiano/notiziario.html>

<http://www.valmont.unimi.it/inglese/newsletter.html>

### **UNIVERSITA' DELLA MONTAGNA**

Via Morino, 8 - 25048 Edolo

Tel e fax 0364.71324 – E-mail [corso.edolo@unimi.it](mailto:corso.edolo@unimi.it)

Sito web: [www.valmont.unimi.it](http://www.valmont.unimi.it) [www.gesdimont.unimi.it](http://www.gesdimont.unimi.it)

Canale You Tube [www.youtube.com/user/corsoedolo](http://www.youtube.com/user/corsoedolo)

