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NEWS HIGHLIGHTS

ENROLLMENT OPEN FOR ADVANCED COURSE IN ROCK ART

You have time only till the 30th June to enroll to the course in "Recording Art Rock. New methods for the documentation and management of alpine and valley heritage".

The course has been organized by UNIMONT in collaboration with the [Valcamonica Centre for Prehistoric Studies](#) in order to train new experts and transform historical and cultural heritage into opportunities for the sustainable development and economic growth of such areas. The course aims to provide participants with a wide view both geographically and chronologically, and to bring together complementary disciplines.

The advanced course offers the possibility of learning and gaining practical experience to European students and graduates, offering lectures and contributions from professors and other experts working in Italy, Spain, Portugal, Scandinavia and England. The course also provides access to the Centre's network of experts at universities and research institutes across Europe. The course, which is intensive, will take place from 22nd August to 3rd September 2016 with an introductory lesson online on 29th July.

[Click here to access the relevant page.](#)

CONFERENCE "WHICH DIRECTION FOR MOUNTAIN AREAS?"

The day dedicated to reflecting on the future of mountain areas was a great success. The conference "Which direction for mountain areas?", which was held on 27th May at the Mountain University and was organized in memory of Prof. Luigi Zanzi, dealt with issues of the Alpine Macro-region and the Alps from a socio-economic and cultural viewpoint. Speakers included important business, scientific and institutional representatives, who provided the numerous participants with a thorough analysis of the problems faced by mountain regions, but also of new opportunities for sustainable development.

[Click here to review the recording of the event.](#)

ALPINE MACROREGIONAL STRATEGY

The alpine macro-regional strategy is quickly making progress in the field of innovation and research. The Lombardy Region, which coordinates the seven Italian regions participating in Eusalp, organized the workshop "Industrial Modernisation: the Alpine Macroregion as a driver for the European industry of tomorrow", held in Brussels on 11th May.

During the meeting, which was also attended by the Vice President of the Lombardy Region Fabrizio Sala, the President of Confindustria Lombardia Alberto Ribolla, and the deputy permanent representative for the EU, Giovanni Puglisi, Anna Giorgi, lecturer at the Mountain University and leader of the Eusalp action group dealing with research and innovation, informed the audience about Eusalp's recent developments and announced that later this year the first concrete tools will be activated to start joint work, such as a georeferenced map of the clusters

UNIMONT IN THE MOUNTAIN RESEARCH INITIATIVE NETWORK

The Mountain Research Initiative (MRI) – a very important non-profit research coordination office funded by the Swiss National Science Foundation and hosted by the University of Bern – has asked the Mountain University to collaborate by periodically publishing posts on the MRI blog, in order to disseminate information about the unique experience of the Edolo campus throughout the network. Authors of articles will include students and graduates of the course in Conservation and Sustainable Development of Mountain Areas who will have the opportunity to give their point of view about mountains to a global audience.

[Learn more about MRI.](#)

[See the posts of the Mountain University.](#)



UPCOMING EVENTS

COURSE ABOUT MOUNTAIN LEGISLATION

The Mountain University, thanks to the Framework Convention stipulated between the Department of Agricultural and Environmental Sciences – Production, Landscape, Agroenergy (DISAA) and the Centre of Applied Studies for the Sustainable Management and Protection of Mountain Areas (GESDIMONT), will work with the [Fondazione Montagne Italia](#) (FMI) to perform educational activities and research.

Fondazione Montagne Italia was established in August 2014, on the initiative of [UNCSEM](#) and [FEDERBIM](#), in order to effectively support mountain municipalities, unions of mountain municipalities and BIM Consortia, combining heritage, resources, skills and regional networks and promoting the development of mountain regions

The first step in this partnership will be the joint organization of a training course dedicated to mountain legislation entitled: "The development of mountain areas: strategies, tools and governance".

The course, open to high school and university graduates, is aimed in particular at staff of Public Administrations in mountain areas (park authorities, regions and provinces, including those which are autonomous, mountain unions, etc.), as well as at the staff of international organizations and local administrators, but is also open to all those who have dealings with Public Administrations (technicians, public companies, private companies and consultants). The course, lasting 34 hours, will be taught entirely via the virtual classroom, and will start in September 2016.

ANNA GIORGI SPEAKER AT WIRE 2016

The [Vanguard Initiative](#) – new growth through smart specialisation is hosting a session at the [WIRE 2016](#) Conference (Eindhoven, 9 June 2016).

Under the topic "Cross-regional collaboration for new industrial value chains : lessons from experience and needs for the future", the session will aim at sharing various experiences in cross-regional collaboration for industrial transformation, identifying bottlenecks and emerging needs, and paving the way towards future policy developments.

The session will gather high level speakers, including Anna Giorgi, professor at the Mountain University, who will exchange views in a lively discussion.

[Click here](#) to register and download the program.



One of the main objectives of the Mountain University is to set up an active network of organizations which promote a new approach to mountain areas, no longer seen as marginal but as key players in future development, encouraging change which can impact on the future of the whole world, in terms of environmental sustainability and attention to communities. The "Antennas project" represents an important part of this network
An "Antenna" is an organization which undertakes to:

- stream seminars on various issues related to mountain areas using a virtual platform;
- comply with UNIMONT's technical requirements in order to ensure the quality of broadcasting;
- promote their own monthly conference programme with UNIMONT;
- receive and disseminate news and activities relating to the "Antennas" network locally;
- involve others in the area interested in joining and promoting the "Antennas" network

In May UNIMONT streamed two seminars of the Antennas network:

- "SUSTAINABLE MOBILITY IN THE ALPS. Intervention and funding to develop sustainable mobility in a mountain environment " of the Antenna [eco-working](#).
- "NUTRITIONAL ASPECTS OF GAME MEAT: a local product of quality" of the Antenna [ARS.UNI.VCO](#), which you can view by [clicking here](#).

Those interested in joining the network can write to:

comunicazione.montagna@unimi.it

[Click here](#) for further information on the project.



TRAINING and JOB OFFERS

EUSALP INTERNSHIP

An internship is available that will allow a student to collaborate with Anna Giorgi, Leader of Action Group 1 – to develop an effective research and innovation ecosystem – as part of the Alpine Macro-regional Strategy in order to define and research opportunities for mountain areas connected with the implementation of the Strategy.

For more information write corso.edolo@unimi.it.

INTERNSHIP ON PASTURE ASSESSMENT

An internship is available to be carried out in the municipalities of Parre, Gorno, Oneta, Ponte Nossa and Premolo (BG) for the environmental, livestock and sustainability assessment of the alpine pastures present in these areas. The objective is to draw up a project to develop the area which takes account of livestock and agronomic (herbaceous and woody) production potential as well as any tourist and economic aspects of future sustainable development. Students will have to carry out surveys on the current conditions of pasture and forest areas (and must have followed the course of Agronomy and also have some ability to recognize flora species) and will develop potential strategies for improvement. Information we will also be gathered on livestock management (use of pastures, milk production and cheese, nutritional and zootechnical assessment). Each student may work on one or more of the issues to be studied, taking into consideration existing data as well as performing field work.

For more information write to corso.edolo@unimi.it.

EUROPEAN MOUNTAIN CONVENTION: YOUNG PEOPLE'S POINT OF VIEW

[Euromontana](#) is celebrating its 20th anniversary and wants to involve the younger generations to celebrate this important event. It is therefore collecting feedback on the following topic from young people worldwide: "What do you expect from mountain areas and how do you envisage

they feel needs to be changed, enhanced, improved to encourage the repopulation of the "highlands".

Young people interested in participating can send texts, short videos, paintings, poems and anything which can express their point of view on the mountains to Euromontana.

All entries, which must be sent by the end of June, will be presented at the [European Mountain Convention](#) to be held in Bragança, Portugal, from 3rd to 5th October 2016.

To find out more, write to corso.edolo@unimi.it.

ERSAF OFFERS

There are many calls open for jobs, collaboration and also for the management of mountain farms, refuges or pastures on the website of the [Ente Regionale per i Servizi all'Agricoltura e alle Foreste](#)

We invite you to periodically consult the [dedicated page](#) to stay up-to-date on job opportunities in ERSAF.



SERVICES for MOUNTAIN AREAS

LEGISLATION FOR MOUNTAIN AREAS

Unimont offers a unique, useful and free service for institutions, businesses and citizens of mountain areas: a section of the portal entirely dedicated to mountain legislation.

Unimont's objective is to create an innovative systematized database containing legislation regarding activities taking place in "vertical" areas.

In this section, updated monthly, you can find rules and laws relating to different mountain contexts, from agriculture to building, from tourism to cultural heritage.

Those interested may include public administrations, but also entrepreneurs, university and other students, researchers, international organizations, associations and NGOs.

A brief description allows users to easily access information regarding the law in order to quickly understand if they are pertinent. You can therefore find out about updates and applications of existing legislation, according to your work context and interests.

The database contains international, EU, Italian, and regional legislation including that of the autonomous provinces of Trento and Bolzano.

[Click here](#) to access the section on legislation.

For those interested in legislation regarding mountain areas and for those who work in contact with public authorities a training course in collaboration with Fondazione Montagne Italia is being organized in May. See the "next events" section of this newsletter to learn more.



SEMINARS and WEBINARS

The month of May was full of events on various topics related to mountain areas.

PRESENTATION OF A CASE STUDY

The conference "Hypothesis of development of a network of production and valorisation of Alpine pasture Cheese: presentation of a case study in the municipalities of Gorno, Parre, Ponte Nossa, Premolo and Oneta (BG)" was held on 26th May.

Prof. Alberto Tamburini, Ing. Marta Ratti Carrara and Dr. Agronomist Emanuele Morlotti presented the territorial and production development project for the creation of a network of

group.

(Flier).

[Click here](#) to review the recording of the event.

CONFERENCE ON NON-PRODUCTIVE ECOSYSTEM SERVICES

The conference "Non-productive ecosystem services of alpine forests", held by Dott.ssa Roberta Berretti and Dott. Giorgio Vacchiano, University of Turin, took place on Tuesday, 24th May at the Mountain University. The speakers described three of the most important "non-productive" ecosystem services performed by alpine forests: direct protection from slope processes and their quantification by the "evaluation of the protective role of the plant population"; biodiversity and management aimed at ensuring this.

[Click here](#) to review the recording of the event.

CONFERENCE ON OLD-GROWTH FORESTS

The conference "Old-growth forests in Italy and Lombardy: definition, structural characteristics, importance and role in sustainable forest management" took place on Tuesday, 17th May.

The situation of these forests in Italy and in Lombardy and their role in the sustainable management of natural resources was presented and discussed with examples and references to recent research conducted by DISAFA on behalf of ERSAF by Prof. Renzo Motta of the Department of Agriculture, Forest and Food Sciences (DISAFA) of the University of Turin.

[Click here](#) to review the recording of the event.

CONFERENCE ON TREE AND SLOPE STABILITY

The conference regarding the "Stability of trees and slopes in mountain areas: case studies in the Alps and the Apennines" was held on Thursday, 12th May.

Prof. Donato Chiatante recounted the experience of the laboratory of Environmental and Applied Botany, University of Insubria, which studies modifications in the root architecture of trees in response to slope angle. The results of these studies can help to guide forest management and restoration strategies in order to combat natural disasters.

[Click here](#) to review the recording of the event.

The recordings of all past seminars are available on the [dedicated page](#).



OUR PUBLICATIONS

Elena Cassani, Daniel Puglisi, Enrico Cantaluppi, Michela Landoni, Luca Giupponi, Annamaria Giorgi, Roberto Pilu, "Genetic studies regarding the control of seed pigmentation of an ancient European pointed maize (*Zea mays* L.) rich in phlobaphenes: the "Nero Spinoso" from the Camonica valley", *Genetic Resources and Crop Evolution*, 22 April 2016, pp. 1–13.

[Click here](#) to download the article

L.M. Chiesa, G.F. Labella, A. Giorgi, S. Panseri, R. Pavlovic, S. Bonacci, F. Arioli, "The occurrence of pesticides and persistent organic pollutants in Italian organic honeys from different productive areas in relation to potential environmental pollution", *Chemosphere*, 154 (2016), pp. 482–490.

[Click here](#) to download the article

Eleonora Crestani, Annamaria Giorgi, "L'Università della Montagna. Esperienze *blended learning* per connettere le montagne", in: L. Denicolai, A. Parola (a cura di), *Tecnologie e linguaggi dell'apprendimento*, Aracne editrice int.le S.r.l., Ariccia (RM), 2016, pp. 251–259.

Alpi. *Manuale tecnico-scientifico di produzione dello zafferano*, Biblion Edizioni, 2015.

[Click here](#) to download the e-book from Amazon

Pier Paolo Poggio (a cura di), *Le tre agricolture. Contadina, industriale, ecologica*, Jaca Book, 2015.

[Click here](#) for more info

Giulia Caneva, Andrea Pieroni e Paolo Maria Guarrera (a cura di), *Etnobotanica: Conservazione di un patrimonio culturale come risorsa per uno sviluppo sostenibile*, EdiPuglia, 2013.

[Click here](#) for more info

A. Giorgi, T. Scheurer (2015), "Alpine Resources: Assets for a Promising Future—Conclusions from the ForumAlpinum 2014", *Mountain Research and Development* 35(4), pp. 414–415

[Click here](#) to read the article

L. Giupponi, C. Andreis, A. Giorgi, (2015). "Caratteri floristico-vegetazionali ed ecologici di una comunità vegetale con *Lupinus polyphyllus* Lindl in un'area della Val di Scalve interessata da interventi di ingegneria naturalistica". *Natura Bresciana*. Ann. Mus. Sc. Nat. Brescia 39: 49–56.

[Click here](#) to read the article

A. Manzo, L. Musso, S. Panseri, M. Irti, S. Dellavalle, E. Catalano., G. Scari, A. Giorgi, (2015). "Screening of the chemical composition and bioactivity of *Waldhemia glabra* (Decne.) Regel essential oil". *Journal of the science of food and agriculture*. Doi: 10.1002/jsfa.7499.

[Click here](#) to read the article

A. Giorgi, A. Borsdorf, G. Köck, T. Scheurer (a cura di), (2015). "Forum Alpinum '14, le risorse delle Alpi. Utilizzo, valorizzazione e gestione dal livello locale a quello macroregionale". Atti del convegno tenutosi a Darfo Boario Terme, 17–19 settembre 2014. Biblion edizioni.

[Click here](#) to read the documentation

A. Manzo, S. Panseri, D. Bertoni, A. Giorgi, (2015). "Economic and qualitative traits of Italian Alps saffron" *Journal of Mountain Science*. Doi:10.1007/s11629-015-3448-3.

[Click here](#) to visit the page dedicated to the UNIMONT publications.



ABOUT US

"Dove va la montagna", in *Più Valli TV*, 28 May 2016.

[Read the article in Italian](#)

FRANCO BREVINI: "Le prospettive in un convegno: la montagna merita un futuro", in *Il Corriere della Sera*, 27 May 2016.

[Read the article in Italian](#)

"Convegno dell'Università della Montagna oggi a Edolo sotto l'egida di Eusalp. Rossi: Alla montagna serve una grande alleanza di popolo e una rete di solide relazioni", in *Ufficio Stampa Provincia di Trento*, 27 May 2016.

[Read the article in Italian](#)

"Il futuro della montagna: se ne è discusso a Edolo", in *Lo Scarpone CAI*, 27 May 2016.

"Convegno di Edolo: la Macroregione alpina un esempio di collaborazione tra diverse aree. Gli interventi di Rossi, Mottinelli e Parolo", in *Gazzetta delle Valli*, 27 May 2016.

[Read the article in Italian](#)

"Convegno dell'Università della Montagna a Edolo con l'Eusalp", in *L'Adigetto*, 27 May 2016.

[Read the article in Italian](#)

"Edolo: Università della Montagna sempre più hub culturale per valorizzare i territori montani", in *Gazzetta delle Valli*, 25 May 2016.

[Read the article in Italian](#)

"Dove va la montagna: anche il presidente Ugo Rossi venerdì a Edolo per il convegno in memoria di Luigi Zanzi", in *Provincia di Trento*, 25 May 2016.

[Read the article in Italian](#)

"Dove va la montagna: giornata dedicata al futuro dei territori montani. In memoria di Luigi Zanzi", in *Mountain Blog*, 18 maggio 2016.

[Read the article in Italian](#)

"Dove va la montagna?", in *montagna.tv*, 18 May 2016.

[Leggi l'articolo](#)

"Dove va la montagna: convegno in memoria del Prof. Luigi Zanzi all'Università della montagna di Edolo", in *Lo Scarpone CAI*, 18 May 2016.

[Read the article in Italian](#)

"Open Day all'Università della Montagna", in *Più valli TV*, 15 May 2016.

[Read the article in Italian](#)

RUGGERO BONTEMPI: "Unimont: in aula si costruisce il futuro della montagna", in *Giornale di Brescia*, 13 May 2016.

"Zootecnia, Fava: Alta Valcamonica si adegua a mercato che cambia", in *Regione Lombardia*, 13 May 2016.

[Read the article in Italian](#)

"Dall'oblio alla riscoperta: per il mais nero spinoso è iniziata la seconda vita", in *Bresciaoggi*, 11 May 2016.

[Read the article in Italian](#)

"Il mais nero coltivabile in undici Comuni", in *Radio Voce Camuna*, 11 May 2016.

[Read the article in Italian](#)

"Edolo: l'Università della Montagna nel network del Mountain Research Initiative", in *Gazzetta delle Valli*, 10 May 2016.

[Read the article in Italian](#)

"La causa montana", in *Popolis*, 29 April 2016.

[Read the article in Italian](#)



RECENT EVENTS

[programme in Green Area and Landscape Planning](#), who participated in a workshop dedicated to the enhancement, protection and planning of Alpine landscapes, from 23rd to 27th May. Once again, the Edolo Campus, building on its commitment to become a cultural hub on issues regarding mountain areas, confirms its role as an important meeting point for study and research activities aimed at mountain areas, in line with the objectives of the Framework Agreement with the Ministry of Education, University and Research, collaborating with all other universities that share its objectives, in order to create an academic network both nationally and internationally.



UNIMONT AT A MEETING ON THE STABILITY LAW AND ENVIRONMENTAL ANNEX

Anna Giorgi, Director of the Interdepartmental Centre Ge.S.Di.Mont., was invited to attend the conference "Stability Law And Environmental Annex", organized at Darfo Boario Terme by the Presidency of the Province of Brescia.

The meeting, which took place on Friday, 6th May, was attended by prestigious representatives of local and national institutions.

[Download the event programme.](#)

MOUNTAIN UNIVERSITY OPEN DAY

An Open Day devoted to the Undergraduate Course in Conservation and Sustainable Development of Mountain Areas took place on 14th May.

Course details, research and internships were presented together with an overview of possible career opportunities.

The event was a great success, attended by more than 70 young people from all over Italy.

[Click here](#) to review the recording of the event.

Enrollment for the degree course in Conservation and Sustainable Development of Mountain Areas opens on 15th July.

[Click here for more information.](#)

AGRONOMIST AND FORESTER DAY 2016.

On Tuesday, 10th May the Mountain University hosted the meeting "A Day at University – Agronomist and Forester Day 2016", explaining to Edolo students the careers of Doctors of Agronomy and Doctors of Forestry, junior Agronomists and Forestry experts, and agricultural biotechnologists. A range of topics included the history of the profession and the professional order, the Universal Chart of the Agronomist and training courses that allow access to the profession and to the Order.

[Click here](#) to review the recording of the event.



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