



UNIMONT

NEWSLETTER N°109  
DECEMBER 2017



UNIVERSITÀ  
DEGLI STUDI  
DI MILANO

## SUMMARY

[NEWS HIGHLIGHTS](#) - Don't miss the key information

[NEXT EVENTS](#) - Our programme in a click

[SERVICES FOR THE MOUNTAINS](#)- Practical help every month

[CALLS, INTERNSHIPS and JOBS](#) - Don't miss these opportunities

[PROJECT IMPLEMENTATION](#) - Valorization of the mountain areas of the Lombardy Region

[SEMINARS and WEBINARS](#) - Informed and trained, on campus or online

[RECENT EVENTS](#) - Learn more about Unimont activities

[NEW PUBLICATIONS](#) - Books, articles and scientific research

[ABOUT US](#) - Press releases about our activities

## NEWS HIGHLIGHTS



### Acting together for the mountains: great success at CIME A MILANO

On Tuesday December 12th, the national and international mountain networks were invited to participate at the kick off meeting of the ITALIAN MOUNTAIN LAB project at CIME A MILANO - Networks, Research, Innovation for Mountains, organized by UNIMONT in collaboration with the Club Alpino Italiano (CAI). The working day "ITALIAN MOUNTAIN LAB - A participatory platform for the research and development of Italian mountains in the European context" was dedicated to the research and innovation for mountain areas. The project is supported by MIUR's special supplementary fund for research (FISR) and brings together the University of Milan, the University of Eastern Piedmont and the University of Tuscia.

**Over 140 people took part in this working day**, a real moment of exchange of views, collaboration and coordination at national and international level which aimed to promoting coordination in order to implement the synergies between national and international networks, as well as trigger future initiatives in favor of mountain areas. The *Italian Mountain Lab* project begins with a real "call for action" to set up a common "coordination" platform to favor collaboration and exchange between research and innovation networks working in mountain areas, by encouraging the comparison, exchange and capitalization of knowledge and experience and establishing new and fruitful alliances.

CIME A MILANO was a two-day event full of events and initiatives dedicated to research and innovation for the mountains. On December 11 the "**Mountain-Hack**", the **first Hackathon of the Italian school, promoted by MIUR in collaboration with UNIMONT**, saw 100 students and teachers from all the Italian regions models, solutions and prototypes to deal with the theme of development, enhancement and protection of mountain environments. The winner teams of this marathon will go to Nepal for a summer school, organized within the *Italian Mountain Lab* project.

A conference dedicated to the heritage of the CAI shelters took also place: "*CAI Shelters: Comparing and Contrasting Protagonists*". Besides, the book festival "racCONTA LA MONTAGNA", dedicated to fiction and non-fiction related to mountains was launched with the presentation of the book "The Lesson of the Cold" (by Einaudi) by Roberto Casati, and a discussion with the coordinator of the festival Claudio Gasparotti and some UNIMONT students. The festival will continue with a rich and stimulating calendar of appointments with the author that will take place during 2018.

**The mountains need the attention of creative "minds"**: researchers working in strategic sectors for mountain development and management, operators and administrators aware of these specific topics, young people ready and prepared to do business. CIME A MILANO was a great opportunity to bring out the resources, the great potential and the trajectories of a possible future for the mountains.

### Mountain Agriculture Forum - Perspectives and challenges for 2020

*Mountain agriculture at the center of a strategic meeting that looks to the future: Mountain Farming Forum - Perspectives and challenges for 2020 on Wednesday, 13<sup>th</sup> December in Rome, at the NH Corso d'Italia.*

**Mountain farming** plays a fundamental role in the correct management of the landscape, the conservation of biodiversity, support for the local economy and the fight against abandonment. The Forum aims to be an opportunity for discussion and a place to share proposals for the enhancement and **sustainable development of mountain areas**.

The Forum is divided into **two plenary sessions** and **three parallel sessions** in which privileged experts working towards the development of mountain areas will take part.

Among the experts, **Anna Giorgi of UNIMONT, Leader of EUSALP Action Group 1 - Research and Innovation**, was invited to take part in the session "**The mountains as public goods to enhance and protect: new strategies for sustainable management and to contrast instability phenomena**" to bring her views based on experiences and good practices useful for the promotion and development of mountain areas.

### Presentation of the festival "racCONTA LA MONTAGNA"

**CIME A MILANO - Networks, Research And Innovation for the Mountains**, organized by UNIMONT – Edolo

*Campus of the University of Milan, in partnership with the National Italian Alpine Club and held on 11<sup>th</sup> and 12<sup>th</sup> December 2017 at the University of Milan, included a book festival "racCONTA LA MONTAGNA", dedicated to fiction and non-fiction related to mountains.*

**"racCONTA LA MONTAGNA"** is a UNIMONT project in memory of Alida Bruni, a determined and brilliant colleague of the Mountain University who was passionately interested in literature. "racCONTA LA MONTAGNA" highlights the cultural and evocative "power" of the mountains, organizing meetings dedicated to reading and literature regarding the highlands, where the authors talked about and discussed their books with a working group made up of UNIMONT students.

**All meetings were open to the public and admission was free.**

The project was presented at **CIME A MILANO**, as part of the **"Reading the Mountains"** event promoted by the Alpine Convention to **celebrate International Mountain Day, on Monday, 11<sup>th</sup> December at 7.30 p.m. in the Main Hall of the University of Milan.** At the same time the first appointment of the festival was with the author **Roberto Casati who presented his book "La lezione del freddo"** (published by Einaudi)

### **DEGREE COURSE IN CONSERVATION AND SUSTAINABLE DEVELOPMENT OF MOUNTAIN AREAS: 3rd GRADUATION SESSION A.Y. 2016/2017**

*Six students graduated in Conservation and Sustainable Development of Mountain Areas on Wednesday, 13<sup>th</sup> December 2017, at the Mountain University.*

Calende Alessandro - Tirano (SO): *The study of ungulates in the north Tirano sector of the Tirano Alpine hunting area*

Centurioni Francesco - Ala (TN): *Monitoring of the soil and vegetation of an area subject to bioengineering works: Alpe Mola (Edolo- BS)*

Ghilardi Federica – Lucca: *Relationship between animal well-being and quality of cow milk*

Guerini Michele - Pian Camuno (BS): *The influence of pastoral management and natural disturbances on the superficial stability of slopes: the case study of the Valle delle Messi (BS)*

Totis Chiara - Darfo Boario Terme (BS): *Floristic and nutritional evaluation of different types of pasture in the Valle delle Messi (BS)*

Verziera Giorgio Edoardo - Gambolò (PV): *Seasonal variation of chloride and sodium contents in the main tributaries of Lake Iseo*

## **NEXT EVENTS**



### **ADVANCED COURSE IN SUSTAINABLE TOURISM FOR MOUNTAIN AREAS**

The advanced training course aims to provide the tools required to develop and enhance businesses in the mountain tourism sector and is targeted in particular at young entrepreneurs, stakeholders and institutions working in tourism in the Alpine Macroregion.

The course aims to explore, analyze and share the evolution, models and examples available in the economic, socio-cultural and natural fields linked to the sector at an international level (7 countries and 48 regions of the EUSALP area). It also seeks to bring to the fore the potential of new technologies, IT and telematics tools in the organization and promotion of tourism.

The course aims to prepare participants for possible job and professional opportunities throughout the Alpine Macroregion. It will be provided entirely in English and is aimed at: tourist accommodation technicians and similar professions; organizers of fairs, exhibitions and cultural events; organizers of conferences and receptions; tour entertainers and similar professions; travel agencies, tour operators, tour guides; nature, experiential, cultural and sport guides and escorts; public administration.

### **START OF THE PROJECT "GOOD PRACTICES FOR THE RECOVERY, CULTIVATION AND VALORIZATION OF LOCAL TRADITIONAL CULTIVARS OF LOMBARDY (RELIVE-L)"**

**ReliVE-L** is a project funded by the **Lombardy Region** under the **Rural Development Program 2014-2020 (Measure 1 "Transfer of Knowledge and Information Actions")** with the participation of the **University of Pavia** (Department of Earth and Environmental Sciences) and the **University of Milan** (Centre of Applied Studies

for the Sustainable Management and Protection of Mountain Areas, Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy).

The project **"Good practices for the recovery, cultivation and valorization of local traditional cultivars of Lombardy (ReliVe-L)"** will take place from November 2017 to April 2019 with the main objective of improving knowledge of the characteristics of the **traditional cultivars of Lombardy**, in order to promote their cultivation and increase potential commercial opportunities. Click here for more details on the project!

As part of this project, UNIMONT - Centre of Excellence of the University of Milan - will organize and provide a **series of seminars** aimed at all those who are interested in cultivating traditional or unusual mountain cultivars which can, nevertheless, be a source of income for multifunctional mountain farms. All the seminars, **free of charge and open to the public**, can be enjoyed either at the Main Hall of the Mountain University, or online through a virtual classroom that UNIMONT provides for the public.

## SERVICES FOR MOUNTAIN AREAS



### INTERESTING ACTIVITIES AND RESOURCES

The UNIMONT portal has an area where it collects interesting activities and special projects of scientific and general interest on mountain themes.

## CALLS, INTERNSHIPS AND JOB OPPORTUNITIES



## ACADEMIC POSITION IN THE FIELDS OF MARKETING AND CONSUMER CULTURE THEORY

KEDGE Business School will fill a **postdoc position in the fields of Marketing and Consumer Culture Theory**.

The position is linked to a 3-year international project, AlpFoodway, funded by the European Union in the context of the Alpine Space INTERREG program, started in November 2015.

Foodways are socioeconomic and cultural practices related to food production and consumption. Food heritage goes beyond products to include productive landscapes and traditional knowledge on production techniques, consumption customs and rituals, and the transmission of ancient knowledge. Depopulation, ageing population and globalization put Alpine food heritage at risk of disappearing.

The candidate will work in autonomy, under the coordination of Dr. Diego Rinaldo, to identify best practices in the commercial valorization of the Alpine food cultural heritage, based on the project premise that, when appropriately promoted, cultural heritage can become an intangible asset that symbolically differentiates products, services and experiences in the eyes of tourists and consumers.

## PROJECT IMPLEMENTATION



### Dedicated portal session: ITALIAN PLANT AGRO-BIODIVERSITY

As part of the Lombardy Region project implementation, an area dedicated to agrobiodiversity has been developed. The UNIMONT portal has a section that provides a complete view of traditional little-known plant varieties (cereals, vegetables, fruit trees, etc.) that deserve to be characterized, valorised and protected in order to increase Italian plant agro-biodiversity and to generate supply chains of typical and quality products.

## SEMINARS AND WEBINARS



### RISK MANAGEMENT IN EUROPEAN PROJECTS

Sara Grilli - Cefriel

The following topics will be dealt with during the conference:

- Risk management: basic concepts, management strategies and methodological approach
- Risk syntax: how to describe the risk
- Classification and management of uncertainty: epistemic uncertainty and aleatoric uncertainty
- Risk management processes: planning, identification, analysis and response plan
- Risk management tools and techniques
- Practical examples of application of risk management techniques in European projects
- Fitting risk management processes and tools to the needs and expectations of project stakeholders
- The importance of the risk register

## RECENT ACTIVITIES



### AGILE PROJECT MANAGEMENT

Sara Grilli - Cefriel

The complex dynamics of the market require companies to deal with ever increasing delivery intensity. The need to be quick, meeting customer needs while, at the same time, maintaining careful cost control requires innovative approaches to management. Over the last few years, it has become apparent that agile methodologies, formalized in the 2001 Agile Manifesto, are an effective response to these needs. The aim of the conference was to analyze the values that distinguish such methodology, highlighting its close correlation with the concept of innovation:

- Agile Values and Principles
- What is Agile
- Some key concepts of the Agile approach

### LOCAL TRADITIONAL CORN IN THE LOMBARDY MOUNTAIN CONTEXT

*Dott. Andrea Messa – “Grani dell’asta del Serio” Association President*

*Dott. Luca Giupponi –Ge.S.Di.Mont-UNIMI Centre*

The seminar provided an overview of the various aspects of the cultivation (historical and current) of corn in the Lombardy mountains. In particular, it dealt with local and traditional varieties of corn grown in the mountains, including those listed in the National Register of Conservation Varieties (Spinato di Gandino Corn, Rostrato Rosso di Rovetta Corn, Nero Spinoso Corn), still cultivated in small local settings.

In addition to the traditional agronomic practices used in the past, and also nowadays, to grow these cultivars, some agro-food products derived from them were presented, paying particular attention to their historical-cultural and nutritional value. Some of the activities carried out by UNIMONT for the recovery and cultivation of some of these cultivars were also presented, highlighting the useful role of collaboration between farms and universities.

The seminar was aimed primarily at potential farmers interested in the cultivation of traditional and local Lombardy cultivars, as well as all those who wish to create new small production chains based on these cultivars.

### TRADITIONAL LOCAL MOUNTAIN CEREALS: TREATMENT AND CONSERVATION

*Dott. Andrea Messa – “Grani dell’asta del Serio” Association President*

*Dott. Luca Giupponi –Ge.S.Di.Mont-UNIMI Centre*

The seminar presented some good practices for the treatment and conservation of the caryopses of cereal (and pseudo-cereal) cultivars traditionally cultivated in the Lombardy Mountains. In particular, in addition to dealing with traditional shelling methods and the considerations to be taken into account in the selection of the seeds of traditional local cultivars, the problems associated with the drying, storage and control of the corn and products derived from it were also dealt with. During the seminar, some activities UNIMONT is performing for the control of aflatoxins and fumonisins in Nero Spinoso corn were presented - actions which could be repeated for other local cultivars through collaboration between farms

(and/or associations) and universities or research centres.

The seminar was aimed primarily at potential farmers interested in the cultivation of traditional and local Lombardy cultivars, as well as all those who wish to create new small production chains based on these cultivars.

## NEW PUBLICATIONS



Calvi L., Pentimalli D., Panseri S., Giupponi L., Gelmini F., Beretta G., Vitali D., Bruno M., Zilio E., Pavlovic R., Giorgi A. (2017). [Comprehensive quality evaluation of medical \*Cannabis sativa\* L. inflorescence and macerated oils based on HS-SPME coupled to GC-MS and LC-HRMS \(Q-exactive Orbitrap®\) approach.](#) *Journal of Pharmaceutical and Biomedical Analysis* (online 02/12/2017)

## ABOUT US



[CUORGNE – Successo nel successo del “25 Aprile” al primo hackaton della Montagna](#)

ObiettivoNews – 15 December 2017

[LA LEZIONE DI EDOLO](#)

PiùValliTV – 14 December 2017

[Rieti, gli studenti del Rosatelli protagonisti al primo Hackathon della scuola italiana a Milano](#)

Il messaggero – 13 December 2017

[Innovazione e territorio: Edolo, montagna e futuro](#)

Corriere della Sera – 7 December 2017

[Cime a Milano 2017, rassegna dedicata alla ricerca e all'innovazione per le montagne](#)

Mentelocale Milano - 6 December 2017