

International Winter School
www.iucland.eu
Molise University Via De Sanctis 86100 I Campobasso (Italy)
10-15 December 2018

Title: *Involving Rural Community in Achieving Land Degradation Neutrality*

Time: 10-15 December 2018 (the arrival will be on 9th December, Sunday and departure on Sunday 16th December 2018)

Duration: 5 working days = 32 hours (8 hours per day) ECTS: 4

Courses: lectures, after-lectures discussions, field trip in organic farms and in a MAB-UNESCO Mediterranean Forest Biosphere Reserve.

Aims: provide training on the themes of UN 2030 Sustainable Development Goals (SDGs), Land Degradation Neutrality (LDN), Community Led Local Development (CLLD), best practices of sustainable and circular economy in rural areas, good practices of land and soil conservation.

Place: Dipartimento AAA Campobasso. One day field trip in Castel del Giudice.

Lectures: Faculty Staff from the five universities involved in IUCLAND project and international experts from CREA and ISPRA will provide updated overviews on the themes of the Winter school.

Scholarships for applying students: 20-30 students from the partners of IUCLAND participants (5 for Chinese partners) and 10 student local participants for a total of about 40 students.

Requirements for application: English language understanding is required. Italian student candidates will be selected according to the Academic Master Degree or Ph.D program and foreign candidates of IUCLAND partners with equivalent academic title.

Selection of Italian student candidates: admission will be based on the evaluation of educational qualification (the score of academic records) and/or interviews.

Examination: The final exam consists of a 10 minutes presentation of a case of study on the topics of the course evaluated by the board of directors and the winter school coordinator.

Deadlines: The deadline for Italian student applications is 1 December 2018. The selection process will be completed by 3 December 2018. The deadline for the scholarships of IUCLAND participants is 1 November 2018.

Tuition: No registration fee is required.

Winter School credits:

- **Coordinator and Director:** prof. Angelo Belliggiano (University of Molise) (belliggi@unimol.it)
- **Board of Directors:** prof. Claudio Colombo (University of Molise) (Colombo@unimol.it), Dr. Danilo Marandola (CREA-IT National Rural Network) (daniilo.marandola@crea.gov.it)
- **Local coordinator:** Dr. Erika Di Iorio (erika.diiorio@unimol.it)
- **Project manager:** Dr. Silvia Reale (reale@unimol.it), Dott. Felicino Carpenito (carpenito@unimol.it) - Molise University Via De Sanctis 86100 I Campobasso (Italy). +39 0874 404314 -www.iucland.eu

Field trip in organic farm. The group will visit an organic farm and a MAB-UNESCO Mediterranean Forest Biosphere Reserve. The objectives of the visit will be to increase awareness on organic agriculture and sustainable practices for soil and habitat conservation.

***International Winter School “Involving Local Community
in Achieving Land Degradation Neutrality”***

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AGENDA

Monday 10th December 2018 –

“Enrico Fermi” University Library Meeting Room

IUCLAND Welcome and introductory remarks

- 09:00 - 09:30 Gianmaria Palmieri Rector of University of Molise
- 09:30 - 10:00 Winter school kickoff - Claudio Colombo, Angelo Belliggiano, Danilo Marandola

CONTENTS

Unit 1- Soil and Forests

- I. 10:00 - 10:20 Claudio Colombo - *Restore degraded land and soil: new views on agriculture sustainability*
 - II. 10:20 - 10:40 Roberto Tognetti - *Restore degraded forests and sustainability increase afforestation and reforestation*
- 10:40-11:30 Question time and discussion

Unit 2 – Innovation, biotechnologies and high academic education role

- III. 11:40 - 12:00 Giuseppe Maiorano - *Science innovations and biotechnologies for sustainable development: the role of high academic education for land degradation issues*
 - IV. 12:00 - 12:20 Elisabetta Salimei - *Conservation of mountain ecosystems in order to enhance their capacity to provide benefits: the intensive livestock production and land*
- 12:20-13:20 Question time and discussion

13:20 - 14:30 --- Lunch ---

Unit 3 – Mountain ecosystems and biodiversity

- V. 14:30- 15:00 1st Invited seminar by Iucland partners – Name - Title
 - VI. 15:20 - 15:40 Letizia Bindi - *Ethnography and social conflict in rural areas*
 - VII. 15:00 - 15:20 Fabio Pilla - *The role of indigenous breeds for the reduction of land degradation in mountain areas*
- 15:40-16:40 Question time and discussion
- VIII. 16:40- 17:00 2nd Invited seminar by IUCLAND partners – Name - title
- 18:00-19:00 Synopsis led by Danilo & Claudio

**Tuesday 11th December 2018 -
“Enrico Fermi” University Library Meeting Room**

Unit 4 – Law and policies

- IX. 09:00 - 09:20 Matteo Napolitano - *The rights to land: water and food*
X. 09:20 - 09:40 Corrado Ievoli - *The challenges of EU rural development policy*
09:40-10:40 Question time and discussion

10:40 - 11:20 --- Break ---

- XI. **Unit 5 – Biodiversity conservation and innovation in agriculture** 11:20 - 11:40 Sebastiano Delfino - *Reduce the degradation of natural habitats: halt the loss of biodiversity*
XII. 11:20 - 11:40 Arturo Alvino (and Stefano Marino) - *Principle of precision farming and sustainable agriculture*
XIII. 11:40- 12:00 3rd Invited seminar by Iucland partners – Name - Title
12:00 - 13:00 Question time and discussion

13:00 - 14:30 --- Lunch ---

Unit 7 – Organic farming and local foods valorization

- XIV. 14:30- 15:00 4th Invited seminar by Iucland partners – Name - Title
XV. 15:00 - 15:20 Antonio De Cristofaro - *Organic farming and pests prevention*
XVI. 15:20 - 15:40 Elena Sorrentino - *Local products and technological processes*
XVII. 15:40 - 16:00 Antonella De Leonardis - *Organoleptic value of local food*

16:00 - 16:30 --- Break ---

- 16:30 - 17:30 Question time and discussion
17:30- 18:30 Synopsis led by Danilo & Claudio

Wednesday 12 December 2018
Field trip

Promoted by CREA-PB in the frame of IT National Rural Network Programme 2014-2020

8:00-9:30 Transfer from Campobasso to Collemeluccio-Montedimezzo

9:30-10.45 *Biosphere Reserve of Mediterranean Forest MAB-UNESCO – visit*

Field trip in the Biosphere Reserve of Mediterranean Forest MAB-UNESCO located in Molise. *It encompasses two forests covering 637 hectares in a sub-mountain area. The main habitats include silver fir forests: mixed forest of silver fir and turkey oak: turkey oak forest with coppices of hornbeam: hash: field maple and stone: and beech forests.*

11:00 - 13:00 *Melise Farm – visit* Claudio Colombo, Erika Di Iorio, Luana Ciercelli

Field trip in organic farm. *The group will visit a typical organic farm with example of conservative agriculture in fruticulture production: soil management for carbon sequestration. The objectives of the visit by participants will be to increase awareness on organic agriculture and sustainable agriculture practices.*

13:00 - 14:30 --- Lunch ---

14:30 – 18:00 Claudio Colombo, Danilo Marandola, Angelo Belliggiano (facilitators)

Work groups: *practical exercises and group discussions on the topic of the lectures and on the issues of the field trip in preparation of Thursday activities. Students will be included in a round tables and in panel discussions for practical exercises. Work groups will include multi-disciplinary approach for case analyses that will be used for the examination test. The training will be delivered by a multidisciplinary team of experts with a track record in the analysis, implementation and evaluation of Sustainable Development in rural contest.*

19:00 Social dinner on typical Molise food and wine (Borgo Tufi)



Thursday 13th December 2018
Focus group activities
“Enrico Fermi” University Library Meeting Room

Promoted by CREA-PB in the frame of IT National Rural Network Programme 2014-2020

09:00 - 13:00 **Focus group.**

Opening lectures: Danilo Marandola and Guido Bonati (CREA-IT NRN), Anna Luise and Michele Munafò (ISPRA)

The Focus group will be facilitated by IUCLAND lecturers and will involve experts, decision makers, local land-managers and stakeholders. IUCLAND students will be asked to raise questions to the stakeholders involved in the focus group.

13:00 - 14:30 --- Lunch ---

14:30 - 18:00 **Work groups** - *focus group outcomes and topic presentation.*

19:00 Social dinner with Regional cuisine of Molise style (Cantine Herero)

**Friday 14th December 2018 -
Presentations and final evaluation (examinations)**

09:00 - 13:00 Presentation of group activities with panel discussions and final evaluation.

13:00 - 14:30 --- Lunch ---

14:30 -17:00 Presentation of group activities with panel discussions and final evaluation.

**Saturday 15th December 2018 –
Certificate of attendance**

09:00 -14:00 Certificate of attendance and ETCS record .

A final certificate of attendance will be provided to those having taken part in all the Winter School sessions and in proposed group activities. The winter school will be accredited according the Molise University Erasmus program in 4 ECTS.

PATRONAGE AND COOPERATING INSTITUTIONS

Patronage

- Italy's National Rural Network Programme 2014-2020 of the Italian Ministry of Agricultural, Food, Forestry Policies and tourism (MIPAAFT)
- Centro ARIA
- Centro BIOCULT