



Università del Molise



Co-funded by the
Erasmus+ Programme
of the European Union

International Summer School on Land degradation in Italy

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**Molise University Via De Sanctis 86100 I Campobasso
(Italy)**

5-10 June 2017

Course Descriptions

The “International Summer School on Land degradation: Land evolution and degradation in Italy” will be held **5-10 June 2017** at Molise University, Campobasso, Italy.

The Summer School will last one week, providing a wide range of intensive courses on soil degradation, land degradation and best practices in Organic Agriculture and livestock productions, International EU Legislation on Land Degradations; Environmental issues under a global climate change.

The standard course will be developed over **40 hours**, including lectures and technical activities (on field/laboratory), for a total **4 ETCS credits**.

**IUCLAND - International University Cooperation on Land Protection
in European-Asiatic Countries
3 Years (1/10/2015 to 1/10/2018) www.iucland.eu**

Objective and background

The Summer School is supported by the Education, Audiovisual and Culture Executive Agency (EACEA) and it involves 12 Partners:

- P1) Università degli studi del Molise (coordinator) Italy
- P2) Slovak university of Agriculture in Nitra Programme Country - Slovakia
- P3) University of Zagreb Faculty of Agriculture Programme Country - Croatia
- P4) FORMIT Programme Country - Italy
- P5) Huazhong Agricultural University Partner Country - China
- P6) Institute of Soil Science, Chinese Academy of Sciences Partner Country - China
- P7) Fujian Normal University Partner Country - China
- P8) Kyrgyz State Technical University named after I. Razzakov Partner Country - Kyrgyzstan
- P9) Osh Technological University Partner country - Kyrgyzstan
- P10) East-Kazakhstan State Technical University Partner country - Kazakhstan
- P11) studiogiuliano srl Programme Country - Italy
- P12) M.Auezov South Kazakhstan State University Partner country - Kazakhstan

Aim

IUCLAND aims to improve the effectiveness of development and land protection strategies by increasing both cooperation capacity and best practices' productivity, through educational patterns involving High Education Institutions (HEIs) and potential stakeholders, e.g. farmers' association, development agencies, agricultural organizations, nongovernmental organizations (NGOs), decision-makers.

The main objective is to create an international network in Land Degradation topics among universities and other organizations of the society at large aimed at:

- establishing a structured cooperation for scientific research and knowledge transfer;
- offering summer schools and workshops that will train the actual and future generation of academics and students, able to do research and produce innovation in the framework of land degradation;
- exchanging experiences and good practices related to educational programs among involved Programme and Partner countries.

Lectures given by Faculty Staff from the five universities involved in IUCLAND project and international experts will provide updated overviews on research at the frontier of soil science, forest ecology, sustainable agriculture and livestock productions, land protection and environmental legislation.

Organization

The International Summer School (**5-10 June 2017**) consists of **5 days of classroom lectures** at the University of Molise and a 1 day on field activities, for an **overall duration of 40 hours**. The classroom of the summer school will consist of lectures and discussions. The full immersion course will start on June 5th. The program is articulated in 5 lectures days (**4 ETCS credits**) and the last days devoted to on field and laboratory activities. At the end of the course a certification of the acquired credits will be released.

Learning Model

- 1) The learning model includes lectures, case studies, group projects, simulations, experiential learning. The evaluation system is based on written tests, and classroom work
- 2) Self-study – 6 hours. From the beginning of the summers school, a certain amount of hours will be made available to each participant in order to examine in depth the topics discussed during the seminars.
- 3) Final work and final examination – 4 hours. At the end of the summer school.
- 4) Attendance is mandatory. To achieve satisfactory attendance a student must attend both scheduled lectures and planned training activities.

Program & Faculty

Lectures

- 1) *Land degradation: present problems in soil degradation Italy and a new view on agriculture sustainability.* (Claudio Colombo)
- 2) *Soil erosion by water in Mediterranean environment* (Carmen M. Roskopf)
- 3) *Land degradation in mountain forest areas* (Roberto Tognetti)
- 4) *Land degradation and best practices in Organic Agriculture* (Antonio De Cristofaro)
- 5) *International Law on "Land Degradation": the Right to Land, Water and Food* (Maria Rosaria Mauro)
- 6) *EU Politics and legal aspects on Land Degradation* (Matteo Luigi Napolitano)

- 7) *Intensification of livestock productions and land degradation* (Elisabetta Salimei)
- 8) *Rural development and Agriculture decline*. (Angelo Belliggiano, Corrado Ievoli)
- 9) *Land degradation and Conservative agriculture in Central Italy* (Danilo Marandola, Anna Luise).

Training activities

During the last day, the group will travel to a field trip in typical Organic farm in Molise. The objectives of the visit by participants were to increase awareness on conservation agriculture as a first step towards increasing the conservation agriculture practices; providing a platform to share existing efforts and current developments on conservation agriculture; and promoting new teaching material in this topic. Researchers and professor will study jointly with the student in the context of a changing climate and land degradation.

Scholarships

The International Summer School offers a **30 number of scholarships** for participation in the 2017 activities for IUCLAND participants (3 for each partners) **and 10 local participant**, in total about 40 students.

A maximum of 10 external auditors (students or stakeholders) will be admitted to a course on a space-available basis and with the approval of the Summer School coordinator. **The auditor that attends at class do not acquire credits.** Auditors can attend classes regularly, and participate in discussions, but they are excluded from examinations.

Participation in the summer school is open to Italian candidates **from Molise University in a limit of 10 students** with an Academic **Master Degree or PhD program** (a minimum a Second Level Degree or equivalent titles) and to foreign candidates of IUCLAND partners with equivalent academic title and qualification according to the school system of the country where it has been awarded.

Selection of Italian student candidates

For Italian candidates, priority for admission will be established based on the evaluation of educational qualification (the score of academic records) and/or interview; foreign candidates will be evaluated according to the criteria set by academic institutions partners.

The scholarships available for Italian students will be awarded according to a rank order determined by taking into account the candidate's' performance in the above mentioned evaluation process; for foreign students, awarding criteria will be set by the IUCLAND academic institutions partner.

Language

The programme is held in English.

Summer School Coordinator

Angelo Belliggiano (University of Molise)

Board of Directors

Claudio Colombo (University of Molise)

Matteo Luigi Napolitano (University of Molise)

Elisabetta Salimei (University of Molise)

Accommodation

Lodging expenses and field trip of successful applicants will be covered by the IUCLAND project for the selected student by all Partners (max 30 students), according the IUCLAND program, including 3 fellow attendees and one faculty member of each Partner. Reservations for the participants during the week of the course having place in Campobasso have been made in bed and breakfasts and guest houses.

Application

The application will be sent by e-mail addressed to dr. Silvia Reale – International Office - Molise University Via De Sanctis 86100 I Campobasso (Italy) e-mail: reale@unimol.it and in copy to the Summer School Coordinator prof. Angelo Belliggiano e-mail: belliggi@unimol.it
In order to apply, it is necessary to submit a CV describing the academic and research career.

Examination: The exam consists of a 15 minute presentation of a case of study on the topic of land degradation after 7 days of the conclusion of the summer school. The topics to be covered in the exam are: the approach to the problem, the project topic, methods, background and theory, results/conclusions, and discussion in regards to earlier research. The Italian students will be evaluated by the board of director and the summer school coordinator. For the foreign students, evaluating criteria will be the same and the student will be evaluated by web meeting colloquium in presence of a tutor of the local IUCLAND academic partner staff.

Payment of tuition: No registration fee is required.

Deadlines

The deadline for applications is 30 April 2017. The selection process will be completed by 15 May 2017. Application forms must be submitted either on-line by e-mail to dr. Silvia Reale (reale@unimol.it)

Admitted candidates must confirm their participation **no later than May 15th, 2017.**

Confirming steps:

1- registration (see details)

2- notification of acceptance of the Summer School Programme- including costs, deadlines, and all other conditions- to be addressed to dr. Silvia Reale – International Office - Molise University Via De Sanctis 86100 I Campobasso (Italy)

Summer School Information

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