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International Summer School

LAND DEGRADATION AND SUSTAINABLE LAND USE

University of Zagreb, Faculty of Agriculture, Zagreb, Republic of Croatia

2 – 8 July, 2018

Venue:

Programme of the Summer School

02nd July 2018 (Monday) Land & Soils

- 09:00 - 10:00 University of Zagreb Faculty of Agriculture - Opening & Intro lecture Prof. Marija Romić, PhD.
Land use and management in agriculture
- 10:00 - 10:45 Fujian Normal University – Prof. Xiuming Liu, PhD.
Loess paleosol sequences recording paleoclimate signals in various regions over the world
- 10:45 - 11:00 coffee break
- 11:00 – 12:00 University of Zagreb Faculty of Agriculture - Ass. prof. Vedran Rubinić, PhD.
Key soil resources of Croatia
- 12:00 – 13:00 Lunch break
- 13:00 – 14:00 Huazong Agricultural University – Ass. prof. Xiuhua Chen, PhD.
Soil Erosion in China
- 13:45 - 14:00 coffee break
- 14:00 - 15:00 Partner of University of Zagreb Faculty of Agriculture (Slovenia, University of Ljubljana) – Ass. Prof. Marko Zupan, PhD.
Is the production of vegetables possible on areas contaminated with metals?
- 15:00 - 16:00 Questions and discussion
- 16:00 – 17:00 Practical student work

03rd July 2018 (Tuesday) Degradation of Soil Fertility & Quality

- 09:00 – 10:00 University of Zagreb Faculty of Agriculture - Ass. Prof. Marko Petek, PhD.
Importance of zinc in plant production
- 10:00 - 10:15 coffee break
- 10:15 – 11:00 University of Zagreb Faculty of Agriculture - Ass. prof. Monika Zovko, PhD.
Land degradation and water management in agriculture in Croatia (Lecture)
- 11:00 – 12:00 Tour of: 1) Analytical laboratory – department of soil amelioration (Ass. prof. Monika Zovko) and 2) Laboratory for Analytical Chemistry – (Associate prof. Marko Vinceković, PhD)
- 12:00 – 13:00 Lunch break

- 13:00 – 14:00 Kyrgyz State Technical University named after I. Razzakov – Prof. Bekbolotova Aigul, PhD.
Soil degradation: the current state of the problem in Kyrgyzstan
- 14:00 - 14:15 coffee break
- 14:15 – 15:00 Institute of Soil Science of the Chinese Academy of Sciences – Prof. Xin Song, PhD.
Occurrence, behavior and remediation of PFASs in subsurface
- 15:00 – 16:00 Questions and discussion
- 16:00 – 17:00 Practical student work

04th July 2018 (Wednesday)

- 07:00 - 18:00 Field Trip to Istria with involvement of stakeholders

05th July 2018 (Thursday) EU policies & Legislation

- 09:00 – 11:00 Università degli Studi del Molise - Prof. Matteo Napolitano, PhD.
Land Degradation and EU policies and legislation
- 10:45 - 11:00 coffee break
- 11:00 – 12:00 University of Zagreb Faculty of Agriculture – Ass. Prof. Ornella Mikuš, PhD.
The role of agri-environmental and land policy in land protection
- 12:00 – 13:00 Lunch break
- 13:00 – 13:45 Slovak University of Agriculture in Nitra - Prof. Pašová Lucia, PhD.
EU Environmental policy
- 13:45 - 14:00 coffee break
- 14:00 - 15:00 University of Zagreb Faculty of Agriculture – Young Researcher Tihana Kovačićek, mag. ing. agr.
Natural resources and areas with natural constraints
- 15:00 - 16:00 Tour of Greenhouses and vegetable production – Ass. Prof. Sanja Fabek Uher, PhD
- 16:00 – 17:00 Practical student work

06th July 2017 (Friday) Case studies on land & soil degradation

- 09:00 – 10:45 University of Molise – Prof. Claudio Colombo, PhD.
Soil and Land Degradation in Italy
- 10:45 - 11:00 coffee break
- 11:00 – 12:00 University of Zagreb Faculty of Agriculture - Ass. Prof. Vilim Filipović, PhD.
Modelling Transport Processes in Soil Vadose Zone: Agricultural Application and Environmental Problems
- 12:00 – 13:00 Lunch break
- 13:00 – 14:00 Osh Technological University Adyshev - Prof. Shamshiev Bakytbek Nurkambarovich, PhD.

Landslide processes in Kyrgyzstan: the causes and consequences of their intensification

14:00 – 15:00 University of Zagreb Faculty of Agriculture – Assoc. Prof. Gabrijel Ondrašek, PhD.

Organics-Metals-Salts Interactions in Food Safety and Environment Protection

15:00 - 15:15 coffee break

15:15 - 16:00 M. Auezov South Kazakhstan State University – Prof. Almira Saparbekova, PhD.

General overview about condition of land resources of Kazakhstan: Application of biotechnology for solving ecological problems

16:00 - 17:00 Practical student work - Exam preparation (Summary)

07th July 2018 (Saturday) Practical work

09:00 – 11:00 Students' presentations and discussion

11:00 – 11:30 Written exam – Test

11:30 – 12:00 Coffee break

12:00 – 12:45 Participants: Discussion and comments on content and quality of the summer school (submission of evaluation questionnaire)

Board members: Evaluation of the students' presentations and attendance

12:45 – 13:30 Certificate ceremony

Participants will individually arrange their departure from Zagreb.

Contacts of organizers:

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