



Croatian Science Foundation

2015
International
Year of Soils

INQUA

International Union for Quaternary Research



INTENSIVE TRAINING COURSE ON SOIL MICROMORPHOLOGY

PRESENTATION

The course will comprise lectures, exercises with thin sections provided by the lecturers and also with material brought by the participants and visits to a thin section lab. There will be a maximum of 2 participants per microscope, as well as facilities to work with the microscopes during extra time and to discuss the participants own thin sections with lecturers and colleagues. A certificate issued by the Croatian Geological Survey, Zagreb, Croatia, will be handed to the participants who attend a minimum hours of lectures.

The approximate program of the course is the following:

- Principles of mineralogy and petrography, optical mineralogy
- Sampling and thin section preparation
- Guidelines for the description of thin sections of soils and regoliths
- Micromorphology of soil materials and identification of soil formation processes: carbonates and gypsum in arid soils, clay accumulation-, hydromorphic- and freeze-thaw features in soils, tropical and highly weathered soils.

- Micromorphometry and image processing.
- Application of micromorphology in carbonate concretion-investigations
- Application of micromorphology in archaeology
- Additional techniques

- Personal work: Thin section study, exercises on thin section description

- Optional weekend excursion through the Hrvatsko Zagorje region with sites visiting:

Kraneamus - Krapina Neanderthal Museum <http://mkn.mhz.hr/en/>,

Trakošćan - the Renaissance castle <http://www.trakoscan.hr/index-en.html>

Aquae Iasae - Roman thermae http://en.wikipedia.org/wiki/Aquae_Iasae

LECTURERS:

Lidija Galović, Croatian Geological Survey

Hrvoje Posilović, Croatian Geological Survey

Mihovil Brlek, Croatian Geological Survey

Georges Stoops, Ghent University

Rosa Maria Poch Claret, University of Lleida

Vera Marcelino, Ghent University

ADMISSION REQUIREMENTS

The course is directed to students or graduates in agronomy, archeology, geology, environmental sciences, and forestry in its curriculum.

PROCEDURE SELECTION

The admission to the course will follow the order of inscription. In case of excess of demand, criteria as the interest of the applicant, the need for micromorphology training for his/her work will be taken into account. Special criteria will be applied for particular cases.

DATES AND DEADLINES

The course will take place during the period 17 August – 28 August 2015

Deadlines: Application: 1 May, 2015

 Payment: 1 June, 2015

MAXIMUM OF APPLICANTS

30

FEE

Approximately 350 euros (depending on the number of participants). It will be possible to establish the registration fee after we receive preliminary expressions of interest. It will include Intensive training course on soil micromorphology, two coffee-breaks with snacks per day and guided tour of Zagreb city.



HRVATSKI GEOLOŠKI INSTITUT / CROATIAN GEOLOGICAL SURVEY

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ACCOMODATION

Information on accommodation will be provided in the 2nd circular.

COORDINATOR AND CONTACT:

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ORGANIZATOR:

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