



**ROMANIAN ACADEMY
INSTITUTE OF GEOGRAPHY**

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First Circular

SUMMER SCHOOL
THE 12th EDITION
Pătărlagele Natural Hazard Research Center
JULY 14-20, 2014

***ENVIRONMENTAL HAZARDS AND SUSTAINABLE DEVELOPMENT
IN MOUNTAIN REGIONS***

The Institute of Geography, The National Committee for Global Environmental Change and "Simion Mehedinti" Foundation invite master, Ph.D. students and young researchers to attend the 12th edition of the International Symposium of the Summer School on ***ENVIRONMENTAL HAZARDS AND SUSTAINABLE DEVELOPMENT IN THE MOUNTAIN REGIONS***, at the Pătărlagele Natural Hazard Research Center of the Institute of Geography.

The Patarlagele Natural Hazard Research Center is located in the Bend Subcarpathians, a place considered to be a natural laboratory for the study of landslides and mudflows. The region corresponds to the Seismic Area of Vrancea characterized by strong earthquakes with obvious effects on the relief.

The main objectives of the school are:

- to teach students environmental mapping methods, including aerial-photo mapping;
- to correlate GIS and GPS techniques with field research;
- to develop interactive discussions between participants involving at the same time various actors in environmental hazards management, such as stakeholders, NGOs etc., in order to rise public awareness;
- to highlight the main aspects regarding sustainable development and human security in areas affected by natural hazards.

The main topics will include issues related to the following areas of study:

- environmental hazards field assessment and mapping (geomorphologic, hydrological, climatic and seismic hazards);
- mapping human pressure on the environment and the impact of the natural hazards on the socio-economic systems;
- evaluation of the rural community's perception of environmental problems;

Theoretical lectures and field applications will be held by researchers from the Institute of Geography and abroad. The lectures will include research results obtained within FP7 Projects CHANGES and ECLISE. We are expecting 20 participants (master students, Ph.D. students) worldwide.

The Summer School Scheme

Arrival

- The participants are expected to arrive in Patarlagele on Sunday, July 13, 2014.
- The location could be easily reached either by bus or by train from Bucharest or only by bus from Brasov (we will provide further details as soon as we will know your arrival details).
- For foreign students low cost flights are now available either for Bucharest or for Cluj-Napoca or Targu Mures airports (Wizzair, Blue Air).

Preliminary Program

- July 14 – Registration
 - 11⁰⁰ -16⁰⁰: lectures and discussions;
- July 15 - 17
 - 9⁰⁰– 13⁰⁰: field applications consisting in mapping of different hazards, observing different types of landslides, villages affected by environmental degradation, flooding processes;
 - 16⁰⁰ - 20⁰⁰: lectures and discussions.
- July 18 – full-day field trip in the seismic region of Vrancea – neotectonic movements, landslides, mud volcanoes and active fault lines.
- July 19 – Workshop on *Environmental Hazards and Sustainable Development in the Mountain Regions*. We expect presentations from the participants (the participants will have the opportunity to present the results of their own research activities).
- July 20 – Departure.

Summer School cost: 900 RON (200 EUR), covering accommodation, full board, field trip transportation. International transport (and the transport to/from Pătărlagele Natural Hazard Research Center) will be covered by each participant. Depending on the founding sources, discounts might be approved. Further details will be announced in the second circular.

Language: English

Deadline for preliminary application: *(please fill in the application form below):*
May 23, 2014.

For general enquiries regarding the Summer School please address to:

*Dr. Mihai MICU
Institute of Geography, Romanian Academy
12 Dimitrie Racovita St., Sector 2, Bucharest
e-mail: mikkutu@yahoo.com*

A detailed program will be announced in the 2nd circular.

Coordinator,

Prof. Dan Bălțeanu

APPLICATION FORM

1. Personal details

Surname

First name.....

Address:

.....

.....

Postcode.....

Telephone.....

Email.....

2. Present activity/employment

Name of Institution

.....

Town, Country.....

Title.....

3. Participation Interest

Applicants should set out below a statement of their reasons for wishing to pursue the programme of the Summer School

The application form must be returned to:

Dr. Mihai MICU

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12 Dimitrie Racovita St., Sector 2, Bucharest

Tel: +4 0213135990

Fax: +4 021 311 12 42

e-mail: mikkutu@yahoo.com