

Miscellanea

Symposium

37th Romanian National Symposium on Geomorphology

Sinaia, June 15-19, 2022

The Romanian National Symposium on Geomorphology (RNSG) is the annual event of Romanian geomorphologists. In 2022, the 37th edition took place in 15-19th of June in the city of Sinaia and it was organized by Romanian Association of Geomorphologists and Faculty of Geography, University of Bucharest, with the title of "*Geomorphology under modern challenges: Uncertainties and Perspectives*".

The symposium began with the Young Geomorphologists Day (YGD) which gathered bachelor, master and phd students from University of Bucharest, University of Suceava and University of Craiova. Two practical activities were organized outdoors on the eastern slopes of Bucegi Mountains: one fo-

cused on preparing and carrying out an aerial survey using UAS with ground control points and another introductory course in dendrochronology focused on how to extract cores from deciduous trees using an increment borer. The first course was led by Lecturer Florin Tătui and Răzvan Popescu (Faculty of Geography, University of Bucharest) while the second course was organized by Prof. Mircea Voiculescu (Department of Geography, West University of Timișoara). The YGD also benefitted from the support and participation of Professor Jasper Knight (University of the Witwatersrand, Johannesburg, South Africa) and Professor Sandu Boengiu (Department of Geography, University of Craiova).



The scientific communications comprised two key note lectures, 19 oral presentations and 11 poster presentations. They were organized in several scientific sessions: Mountain geomorphology and slope processes, Paleo-environmental reconstructions, Geomorphometry and fluvial geomorphology, Coastal geomorphology and Applied geomorphology.

Most of the communications were presented on site but online participation was also allowed. In total, more than 40 people participated from Bucharest, Timișoara, Suceava, Iași, Cluj-Napoca, Craiova and Constanța. The Symposium benefitted from two

invited key note presentations: "Permafrost and large slope instabilities – observations, models and implications" by Prof. Dr. Bernd Etzelmüller from University of Oslo, Norway and "The geomorphological sensitivity of mountain systems" by Prof. Dr. Jasper Knight from University of the Witwatersrand, Johannesburg, South Africa.

Two practical applications were organized during the RNSG both in the Bucegi Mountains. The first field trip was organized in Sinaia Ski Area on June 16 with the main theme of snow avalanche hazards and risks.



Scientific discussions were led by Prof. Dr. Mircea Voiculescu and Lect. Dr. Alexandru Onaca from West University of Timișoara which discussed about the control of topographic and anthropogenic parameters on avalanche release and methods of assessing spatial and temporal avalanche activity including mainly dendrochronology approach. The second

fieldtrip was organized on the Bucegi Plateau on June 18 with the subject of frost weathering and solifluction (discussions led by Dr. Mirela Vasile and Prof. Dr. Petru Urdea) and also the deglaciation chronology in the light of newly obtained absolute ages (discussions led by Lect. Dr. Răzvan Popescu, University of Bucharest).



Răzvan Popescu, *University of Bucharest*