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Research projects:

1. Climate variability recorded by glacial deposits and lake sediments, grant PN-II-RU-TE-2012-3-0386 (2013-2015) – **director**
2. INTERDISCIPLINARITY IN GEOSCIENCE IN THE CARPATHIANS BASIN (2012)- **director**
3. CLIMATE CHANGE IN THE CARPATHIAN - BALKAN REGION DURING THE LATE PLEISTOCENE AND HOLOCENE (2011)- **director**

Publications:

1. Lendvay, B., Höhn, M., Brodbeck, S., Mîndrescu, M., Gugerli, F., 2014. Genetic structure in *Pinus cembra* from the Carpathian Mountains inferred from nuclear and chloroplast microsatellites suggests postglacial range contraction and identifies introduced individuals. *Tree Genetics & Genomes* (accepted).
2. Mindrescu, M., Evans, I.S., 2013. Cirque form and development in Romania: allometry and the buzz-saw hypothesis. *Geomorphology*. DOI: <http://dx.doi.org/10.1016/j.geomorph.2013.11.019>
3. Mindrescu, M., Cristea A.I., Hutchinson, S.M., Florescu, G., Feurdean, A. 2013. Interdisciplinary investigations of the first reported laminated lacustrine sediments in Romania. *Quaternary International*, 293, 219-230. 10.1016/j.quaint.2012.08.2105.
4. Akinyemi, F.O., Hutchinson, S.M., Mîndrescu, M., Rothwell, J.J., 2013. Lake sediment records of atmospheric pollution in the Romanian Carpathians. *Quaternary International*, 293, 105-113. 10.1016/j.quaint.2012.01.022
5. Fărcaș, S., Tanțău I., Mîndrescu M., Hurdu B., 2013. Holocene vegetation history in the Maramureș Mountains (Northern Romanian Carpathians). *Quaternary International*, 293, 92-104. 10.1016/j.quaint.2012.03.057.
6. Vereș, D., Mîndrescu, M., 2013. Advancing Pleistocene and Holocene climate change research in the Carpathian-Balkan region. *Quaternary International*, 293, 1-4. doi:10.1016/j.quaint.2012.12.003.
7. Knorn J., Kuemmerle, T., Radeloff, V.C., Szabo, A., Mîndrescu, M., Keeton W.S., Abrudan I., Griffiths P., Gancz V., Hostert P., 2012. Forest restitution and protected area effectiveness in post-socialist Romania. *Biological Conservation*, 146/1, 204-212. 10.1016/j.biocon.2011.12.020.
8. Mindrescu M., Evans I.S., Cox, N.J., 2010. Climatic implications of cirque distribution in the Romanian Carpathians: Palaeowind directions during glacial periods, *Journal of Quaternary Science* (2010) 25(6) 875–888).
9. Mindrescu, M., Cristea, I.A., Hutchison, S.M., 2010. Bathymetrical and sedimentological changes of glacial lake Stiol, Rodna Masiff, *Carpathian Journal of Earth and Environmental Sciences*, 5/1, 57 – 65.

Others:

1. SEEMore Chair (South Eastern Europe Mountain Research): <http://mri.scnatweb.ch/mri-europe/south-eastern-europe/steering-committee>
2. Member of Past Global Changes (PAGES) established in Bern, Switzerland
3. Group leader of the Working Group for Interdisciplinary Studies in the Carpathian-Balkan Area, under progress working group.
4. (http://4dweb.proclim.ch/4DCGI/all/en/Detail_Person?mindrescum.p57840)
5. Editor in chief of *GeoReview* (University of Suceava, Romania): <http://www.georeview.ro/ojs>
6. Guest editor for the Special Volume of *Peleoscience* in Carpathian-Balkan area under *Quaternary International Journal* (vol. 293/2013). *Quaternary International* is the official journal of the International Union for Quaternary Research.
7. Member in the Scientific Board of the International Conferences: Forum Carpathicum 2010 Conference (FC2010), Krakow, Poland; Forum Carpathicum 2012 Conference (FC2012) , Stará Lesná, Slovakia, 30 May – 2 June 2012 (www.forumcarpathicum.org).
8. New Member of the S4C Scientific Steering Committee (SSC): <http://mri.scnatweb.ch/sc4-news/new-members-of-the-s4c-scientific-steering-committee-ssc> and <http://mri.scnatweb.ch/mri-europe/carpathians/>
9. President of the Association of Applied Geography GEOCONCEPT (University of Suceava): <http://atlas.usv.ro/geoconcept/index.php>