

## Lecturer PhD Mădălina Nicoleta FRÎNCULEASA



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### **Research interests:**

Geology, physical geography, geology applications in archaeology

### **Research activity:**

- Principal investigator in the cultural project: *Conștientizarea valorii prin educație. Parohia Sf. Nicolae Câmpina creuzet al patrimoniului cultural și spiritual local /The Awareness of Values through Education. "Saint Nicholas" Parish, Campina (Prahova, Romania) – Crucible of Local Cultural and Spiritual Patrimony* 79/29.07.2011- Administration of National Cultural Fund; Cultural Education
- Member in the research team: *Protecția resurselor de apă subterană în vederea exploatării durabile dintre Argeș și Prahova*, 2006, Valahia University, principal investigator ing. dr. Istrate Alexandru
- PhD thesis: *Evoluția geologică a Culoarului Dâmbovicioara* (University of Bucharest, 2006, PhD thesis supervisor Acad.Mircea Săndulescu).

### **Representative books**

- Frînculeasa Mădălina (2010) *Evoluția geologică a Culoarului Dâmbovicioara*, Ed. Cetatea de Scaun, 222p. ISBN 065370326-0.
- Istrate Al., Chițescu Mădălina (2006), *Mineralogie și petrografie. Caiet de lucrări practice*, Ed. Cetatea de Scaun, 253p; 978973792583-1

### **Representative papers**

- Murărescu, O Murătoreanu, G., **Frînculeasa Mădălina** (2014) Agrometeorological drought in the Romanian plain within the sector delimited by the valleys of the Olt and Buzău Rivers,

*Journal of Environmental Health Science and Engineering*, ISSN: 2052-336X 12:5110, DOI:10.1186/s40201-014-0152-0.(IF=1,01) <http://www.ijehse.com/>

-**Frînculeasa, N. Mădălina**, Frînculeasa, A. P., David, C. (2014) Evaluation and archaeological potential of geophysical investigations of the Roman fort and baths in Northern Muntenia, România. *Studia Geophysica et Geodaetica*, 58 (2), pp. 289-302. DOI 10.1007/s11200-012-1142-2, ISSN 0039-3169 (IF=0,950, 2012)

-**Frînculeasa Mădălina**, Istrate, Al. (2014) The Cetateni geomorphosite (Argeş, Romania). Geomorpho-cultural assessment and tourism valorization *International Multidisciplinary Scientific GeoConference, 14th GeoConferences SGEM, (conference proceedings)*, vol. II, Ecology and environmental protection, p.689-697, Albena, Bulgaria, ISBN 978-619-7105-18-6/ISSN 1314-2704, DOI: 10.5593/SGEM2014/B52/S20.091

-Frînculeasa, A., **Frînculeasa Mădălina**, David, C. (2013) *Non-invasive archaeological research carried out recently in northern Muntenia, Romania* in Neubauer, W., Trinks, I., Salisbury, R.B., Einwogerer Christina (Eds) *Archaeological Prospection. Proceedings of the 10th International Conference of Archaeological Prospection*, p:45-48, Austrian Academy of Sciences Press, 9783700174592.

-Frînculeasa A., Andreescu R., Negrea O., Niță L., **Frînculeasa Mădălina**, Popa E., Preda B. (2012) *Cercetări arheologice în așezarea eneolitică de la Mălăieștii de Jos (jud. Prahova), campaniile 2002-2010*, Materiale și Cercetări Arheologice, Serie Nouă, VIII: 11-57  
Index Copernicus- <http://journals.indexcopernicus.com>.

-Istrate, Al., **Frînculeasa Mădălina**, Pehoiu Gica (2011), Assessment and Forecast Stability of Slopes in The Carpathian And Sub-Carpathian Area Of Dâmbovită And Prahova. Classification And Risk Factors. in Nikos Mastorakis, Metin Demiralp, Valeri M. Mladenov, Azami Zaharim (Eds), *Computer and Simulation in Modern Science*, Vol. V: 284-290, ISSN: 1792-6882, ISBN: 978-960-474-300-

-**Frînculeasa Mădălina**, Istrate, Al. (2010) LANDSAT Thematic Mapper Imagery Applications in Analysis of the Structural Geological Elements from the Area of Dâmbovită Corridor, Romania, *Selected Topics in Power System and Remote Sensing* (Eds. H. Fujita, J.Sasaki), 6th WSEAS International Conference on REMOTE SENSING (REMOTE '10):101-107. ISSN 1792-5088.

-Istrate, Al, **Frînculeasa Mădălina** (2010) *Paleoclimatic conditions of evolution in the final stage of relief construction in Mostiștea Plain*, The Annals of Valahia University of Târgoviste, Geographical Series, Tome 10, 13-27, Târgoviște, ISSN 1582-6198  
IndexCopernicus- <http://journals.indexcopernicus.com>

### Teaching activity

Courses: *Physical Geology, Geology of Romania, Quaternary Geography, Applied Geology*