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Dr. Virgil DRĂGUȘIN

Researcher 3rd degree
Emil Racoviță Institute of Speleology
Romanian Academy
Geospeleology and Palentology Department



phone-fax-email

 +40213181425

 virgil.dragusin@iser.ro

Address:

Emil Racovita Institute of Speleology,
Frumoasă St., No. 31
Bucharest

Research interest

Karst geomorphology and landscape evolution

Speleothem paleoclimatology

Karst water geochemistry

Research projects

- IFA-CEA C4-08/2014, Climate change teleconnections between Western and Eastern Europe based on speleothem records of the Last Interglacial in France and Romania – FREem (2014-2016) (co-PIs Dr. Silviu Constantin/Dr. Dominique Blamart) - cercetator
- 17 SEE CAVEMONITOR - Monitoring human impact in show caves - a pilot project on monitoring protocols and remediation techniques
to be implemented in Romanian show caves (PI Dr. Silviu Constantin) - cercetator
- [CEEX 627/2005 CLIMKARST: Variații climatice rapide înregistrate în depozitele carstice din Romania, evidențiate de indicatori izotopici și paleomagnetici](#) (PI Dr. Silviu Constantin) – asistent.
- [PCCE-IDEI 31/2010 KARSTHIVES: Arhive climatice în carst - o abordare integrată pentru studierea și modelarea oscilațiilor climatice rapide](#) (PI Dr. Silviu Constantin) – asistent

Publications

- **Drăgușin V.**, Tîrlă L., Mirea I., The caves of the Făgăraș Mountains. In: Onac B.P., Ponta G. (Eds), *Caves and Karst Systems of Romania*. Springer - in press.
- **Drăgușin V.**, Vlaicu M., Isverceanu E. - Mehedinți Mountains. The Cave from Mohilii Creek (Ascunsă Cave), in *Caves and Karst Systems of Romania*, Ed: Onac B. P. and Ponta G., Springer – in press
- Baciu M., Mogyrosi G., **Drăgușin V.**, Gyurka Z., Storzynski S., - Mehedinți Mountains. Isverna Cave, in *Caves and Karst Systems of Romania*, Ed: Onac B. P. and Ponta G., Springer – in press
- Onac B. P., **Drăgușin V.** – Hypogene Caves from Romania, in *Selected Hypogene Karst Regions and Caves of the World*, Ed: Klimchouk A, Palmer A., Springer – in press
- **Drăgușin V.**, Balan S., Blamart D., Forray F. L., Marin C., Mirea I., Nagavciuc V., Perșoiu A., Tîrlă L., Tudorache A., Vlaicu M.- Transfer of environmental signals from surface to the underground at Ascunsă Cave, Romania – under review for *Hydrology and Earth System Sciences*
- Tîrlă L., **Drăgușin V.**, Mirea I., Cojocaru T., Speleomorphology of M3-R2 – the highest cave in SE Carpathians, *Revista de Geomorfologie* (in press).
- **Drăgușin V.**, Staubwasser M., Hoffmann D.L., Ersek V., Onac B.P., Veres D., 2014. Constraining Holocene hydrological changes in the Carpathian-Balkan region using speleothem $\delta^{18}\text{O}$ and pollen-based temperature reconstructions. *Climate of the Past Discussions* 10, 381-427 (IF=3.48).
- Constantin S., Robu M., Munteanu C.-M., Petculescu A., Vlaicu M., Mirea I., Kenesz M., **Drăgușin V.**, Hoffmann D., Anechitei V., Timar-Gabor A., Roban R.-D., Panaiotu C.G., 2014. Reconstructing the evolution of cave systems as a key to understanding the taphonomy of fossil accumulations: The case of Urșilor Cave (Western Carpathians, Romania). *Quaternary International* 339–340, 25-40, <http://dx.doi.org/10.1016/j.quaint.2013.10.012> (IF=2.13).
- Robu M., Petculescu A., Panaiotu, C., Doeppes, D., Vlaicu, M., **Drăgușin V.**, Kenesz M., Moldovan O.T., Constantin S., 2011. [New insights on the cave bear population from the Urșilor Cave, Romania](#). *Quaternaire* 4, 107-116 (IF=0.67).
- Horoi V., **Drăgușin V.**, Vlaicu M., 2005. Karst of the Obârșă Closani – Piatra Mare Massif (Mehedinți, Romania). Relationship between tectonics and karst functioning. In: Stevanovic P., Milanovic P. (Eds), *Water Resources and Environmental Problems in*

Karst – Cvijic 2005. Proceedings of the International conference and field seminars, Belgrade and Kotor, 13-22 September 2005, pp. 583-588.

- Lurkiewicz A., Horoi V., Popa M.R., **Drăgușin V.**, Vlaicu M., Mocuta M., 2005. Groundwater vulnerability assesment in a karst area (Banat Mountains, Romania) – Support for water management in protected areas. In: Stevanovic P., Milanovic P. (Eds), *Water Resources and Environmental Problems in Karst – Cvijic 2005. Proceedings of the International conference and field seminars, Belgrade and Kotor, 13-22 September 2005.*