

Lista publicații (2020-2025) doctoranzi (cu bold)

1. Măntoiu D., Kravchenko K., Lehnert L.-S., Vlashchchenko A., Moldovan O., **Mirea I.-C.**, Stanciu R., Mirceci P.-R., Nistorescu M., Voigt C., 2020. Wildlife and infrastructure: Impact of wind turbines on bats in the Black Sea Coast region. *European Journal of Wildlife Research*.
2. Moldovan, O.T., **Bercea, S.**, Năstase-Bucur, R., Constantin, S., Kenesz, M., Mirea, I.-C., Petculescu, A., Robu, M., Arghir, R.A., 2020. Management of water bodies in show caves – A microbial approach. *Tour. Manag.* 78, 104037
3. **Veress L.**, Codrea V. A., 2020. A Freshwater Softshelled Turtle in the Albești Limestone, Oltenia. *Studii și comunicări. Științele Naturii, Muzeul Olteniei Craiova, Tom. 36, No. 1*
4. Tămaș, C.G.; **Andrii, Mădălina-Paula**, 2020. Mineralogy of Skarn Ores from Băița-Bihor, Northern Apuseni Mountains, Romania: A Case Study of Cu-, Bi, and Sn-minerals. *Minerals* 2020, 10, 436. <https://doi.org/10.3390/min10050436>
5. G. Mayr, V. Codrea, A. **Solomon, M. Bordeianu**, T. Smith, 2020. A well-preserved pelvis from the Maastrichtian of Romania suggests that the enigmatic Gargantuavis is neither an ornithurine bird nor an insular endemic. *Cretaceous Research*, 106 (2020), p. 104271
6. G. Mayr, V. Codrea, **A. Solomon, M. Bordeianu**, T. Smith, 2020. Reply to comments on “A well-preserved pelvis from the Maastrichtian of Romania suggests that the enigmatic Gargantuavis is neither an ornithurine bird nor an insular endemic” *Cretaceous Research*, 112 (2020), p. 104465
7. Burghel, B-D., Botos, M., Beldean-Galea, M., Cucos, A., Catalina, T., Dicu, T., Dobrei, G., **Florica, S.**, Istrate, A., Lupulescu, A., Moldovan, M., Nita, D., Papp, B., Pap, I., Szacsvai, K., Carlos, C., Tunyagi, A., Tenter, A.- Comprehensive survey on radon mitigation and indoor air quality in energy efficient buildings from Romania. *Science of The Total Environment* 751:141858, 2020.
8. **Florica, S.**, Burghel, B-D., Brisan, N., Begy, R-C., Codrea, V., Cucos, A., Catalina, T., Dicu, T., Dobrei, G., Istrate, A., Lupulescu, A., Moldovan, M., Nita, D., Papp, B., Pap, I., Szacsvai, K., Tenter, A., Sferle, T., Sainz, C. -The path from geology to indoor radon. *Environmental Geochemistry and Health* 42(1), 2020.
9. Sferle, T., Dobrei, G., Dicu, T., Burghel, B-D., Brisan, N., Cucos, A., Catalina, T., Istrate, A., Lupulescu, A., Moldovan, M., Nita, D., Papp, B., Pap, I., Szacsvai, K., **Florica, S.**, Tenter, A., Sainz, C., 2020. Variation of Indoor Radon Concentration within a Residential Complex. *Radiation Protection Dosimetry* 189(9–10).
10. Beldean-Galea, M., Dicu, T., Cucos, A., Burghel, B-D., Catalina, T., Botos, M., Tenter, A., Szacsvai, K., Lupulescu, A., Pap, I., Dobrei, G., Moldovan, M., Tunyagi, A., **Florica, S.**, Panescu, V., Sainz, C. -Evaluation of indoor air pollutants in 100 retrofit residential buildings from Romania during cold season. *Journal of Cleaner Production* 277(3):124098, 2020
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12. **Diaconu A.-C.**, Tanțău I., Knorr K.H., Borken W., Feurdean A., **Panait A.**, Gałka M. , A multi proxy view of hydroclimate trends over the last millennium in Eastern Carpathians (Romania). *Palaeogeography, Palaeoclimatology, Palaeoecology*. 538: 109389, 2020
13. Feurdean, A., Gałka, M., Florescu, G., **Diaconu, A.-C.**, Tanțău, I., Kirpotin S., Hutchinson, S.M.-2000 years of variability in hydroclimate and carbon accumulation in western Siberia and the

- relationship with large-scale atmospheric circulation: A multi-proxy peat record. *Quaternary Science Reviews*.2020
14. Ruskal A., **Diaconu, A.-C.**, Grindean, R., Tanțău, I. 2020. Early to Mid-Holocene hydroclimate trends in Western Carpathians of Romania. *Palaeogeography, Palaeoclimatology, Palaeoecology* (PALAEO_2019_692).
 15. Feurdean A., Vanniere B., Finsinger W., Warren D., Connor S.C., Liakka J., **Panait A.**, Andrič M., Bobek P., Carter V.A., Davis B., **Diaconu A.C.**, Dietze E., Feeser I., Florescu G., ... Tanțău I., et al. -Fire risk modulation by long-term dynamics in land cover and dominant forest type in Eastern and Central Europe. *Biogeosciences*, 17, 1213–1230, 2020
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 18. Tămaș, C.G., **Andrii, M.P.**, **Kovács, R.**, Drăgușanu, S., Cauuet, B. (2021). Sphalerite Composition in Low- and Intermediate-Sulfidation Epithermal Ore Bodies from the Rosia Montană Au-Ag Ore Deposit, Apuseni Mountains, România. *Minerals* 2021, 11, 634. <https://doi.org/10.3390/min11060634>. Published: 15 June 2021."
 19. Sabău I., Venczel M., Codrea V., **Bordeianu M.**, 2021. *Diplocynodon*: a salt water eocene crocodile from Transylvania? *North-Western Journal of Zoology* 17(1):117-121
 20. Grădianu I., **Bordeianu M.**, Codrea V., 2022. †*Dicentrarchus oligocenicus*, sp. nov. (Perciformes, Moronidae): the first record of an Oligocene Sea Bass skeleton from Romania, with a revision of †*Morone major* (Agassiz) from Piatra-Neamț (Eastern Carpathians). *Historical Biology*.
 21. **Trif N.**, **Bordeianu M.**, Codrea V., 2022. A Maeotian (Late Miocene) freshwater fish-fauna from Romania. *Palaeoworld*, 31(1):140-152
 22. Feurdean, A., Grindean, R., Florescu, G., Tantau, I., Niedermeyer E. M., **Diaconu, A.-C.**, Hutchinson, S.M., Nielsen, A.B., Sava, T., **Panait, A.**, Braun, M., Hickler, T., 2021. The transformation of the forest steppe in the lower Danube Plain of southeastern Europe: 6000 years of vegetation and land use dynamics. *Biogeosciences*, 18(3):1081–1103 <https://doi.org/10.5194/bg-18-1081-2021>
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26. Mariusz Gałka, Adam Holzer, Angelica Feurdean, Julie Loisel, Henning Teickner, **Andrei-Cosmin Diaconu**, Marta Szal, Tanja Broder, Klaus-Holger Knorr 2022. Insight into the factors of mountain bog and forest development in the Schwarzwald Mts.: Implications for ecological restoration, *Ecological Indicators*. <https://doi.org/10.1016/j.ecolind.2022.109039>
27. Angelica Feurdean, **Andrei-Cosmin Diaconu**, Mirjam Pfeiffer, Mariusz Gałka, Simon M. Hutchinson, Geanina Butiseaca, Natalia Gorina, Spassimir Tonkov, Aidin Niamir, Ioan Tantau, Hui Zhang, and Sergey Kirpotin, 2022. Holocene wildfire regimes in western Siberia: interaction between peatland moisture conditions and the composition of plant functional types, *Clim. Past.*, <https://doi.org/10.5194/cp-18-1255-2022>
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29. **Veress L., Bordeianu M.**, Codrea V.A. 2022, Some new data on the Eocene sirenians from Cluj-Napoca Someș-Dig (Transylvanian Basin, Romania), *MARISIA Natural Sciences*, II, p. 81-95
30. Grădianu I., **Bordeianu M.***, Codrea V., 2022. †*Dicentrarchus oligocenicus*, sp. nov. (Perciformes, Moronidae): the first record of an Oligocene Sea Bass skeleton from Romania, with a revision of †*Morone major* (Agassiz) from Piatra-Neamț (Eastern Carpathians). *Historical Biology*. <http://doi.org/10.1080/08912963.2021.2022136>
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36. Hui Zhang, Minna Väiliranta, Graeme T. Swindles, Marco A. Aquino-López, Donal Mullan, Ning Tan, Matthew Amesbury, Kirill V. Babeshko, Kunshan Bao, Anatoly Bobrov, Viktor Chernyshov, Marissa A. Davies, **Andrei-Cosmin Diaconu**, Angelica Feurdean, Sarah A. Finkelstein, Michelle Garneau, Zhengtang Guo, Miriam C. Jones, Martin Kay, Eric S. Klein, Mariusz Lamentowicz, Gabriel Magnan, Katarzyna Marcisz, Natalia Mazei, Yuri Mazei, Richard Payne, Nicolas Pelletier, Sanna R. Piilo, Steve Pratte, Thomas Roland, Damir Saldaev, William Shotyk, Thomas G. Sim, Thomas J. Sloan, Michał Słowiński, Julie Talbot, Liam Taylor, Andrey N. Tsyganov, Sebastian Wetterich, Wei Xing & Yan Zhao, 2022. Recent climate change has driven divergent

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 39. Sanjuan J., **Bordeianu M.***, Demirci E., Codrea V., 2023. Charophyte flora from the Oligocene fossil site of Suceag. 312(3):104861. 10.1016/j.revpalbo.2023.104861
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 42. Trif N., Codrea V., Pleș G., **Bordeianu M.**, 2023. The Priabonian fish from Leghia (Transylvanian Basin, Romania). *Historical Biology*.
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53. Sobolewski, L., Hansteen, T. H., Zorn, E., Stenner, C., Florea, L. J., Burgess, S. A., **Ionescu, A.**, Cartaya, E., Pflitsch, A. (2023): Landscape evolution in volcanic terrain – The development of Mount St. Helens' Crater Glacier since the 2004-2008 lava dome emplacement, XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) (Berlin 2023).
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60. L Sobolewski, C Stenner, LJ Florea, G McWethy...**Artur Ionescu**, Eduardo Cartaya, Andreas Pflitsch, 2025. Long-term development of lava dome morphology and thermal energy release in the crater of Mount St. Helens, Washington (USA) - *Journal of Volcanology and Geothermal Research*, 2025
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