

BOOK CHAPTERS:

- 2024 **Dumitru, O.A.**, Grant K.M., Glueder A., Peck E.K., Geochemistry of sea level change in Treatise of geochemistry. Third Edition
- 2024 Chutcharavan P. and **Dumitru O.A.**, Use of cave data in sea-level reconstructions, in Encyclopedia of Quaternary Science. Third Edition

PAPERS:

- 2024 Forray, F.L., **Dumitru O.A.**, Atlas, Z.D., Onac, B.P. Past anthropogenic impacts revealed by trace elements in cave guano, Chemosphere, Volume 360, 142447
- 2023 **Dumitru, O.A.**, Dyer, B., Austermann, J., Sandstrom, M.R., Cashman, M., Goldstein, S.L., D'Andrea, W., Creel, R., Bolge, L., Raymo, M.E. Last interglacial global mean sea level derived from U-series ages of Bahamian fossil coral reefs. Quaternary Science Reviews, 318, 108287
- 2023 Onac, B.P., Cleary, D.M., **Dumitru, O.A.**, Polyak, V.J., Povarã, I., Wynn, J.G., Asmerom, Y., 2023. Cryogenic ridges: a new speleothem type. International Journal of Speleology, 52(1), 1-8
- 2022 Tawil-Morsink, K., Austermann, J., Dyer, B., **Dumitru, O.A.**, Precht, W.F., Cashman, M., Goldstein, S.L., Raymo M.E. Probabilistic investigation of global mean sea level during MIS 5a based on observations from Cave Hill, Barbados. Quaternary Science Reviews 295, 107783
- 2021 **Dumitru, O.A.**, Polyak, V.J., Asmerom, Y., Onac, B.P. Last interglacial sea-level history from speleothems: a global standardized database. Earth System Science Data 13, 1–18
- 2021 **Dumitru, O.A.**, Austermann, J., Polyak, V.J., Fornós, J.J., Asmerom, Y., Ginés, J., Ginés, A., Onac, B.P. Sea-level stands from the Western Mediterranean over the past 6.5 million years. Scientific Reports 11, 261
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- 2018 **Dumitru, O.A.**, Polyak, V.J., Fornós, J.J., Asmerom, Y., Onac, B.P. Climate variability in the western Mediterranean between 121 and 67 ka derived from a Mallorcan speleothem record. *Palaeogeography, Palaeoclimatology, Palaeoecology* 506: 128-138
- 2017 **Dumitru, O.A.**, Forray, F.L., Fornós, J.J., Ersek, V., Onac, B.P. Water isotopic variability in Mallorca: a path to understanding past changes in hydroclimate. *Hydrological Processes* 31: 104-116
- 2016 **Dumitru, O.A.**, Onac, B.P., Cosma, C. Radon levels in caves from San Salvador, The Bahamas: A reconnaissance survey. *Carbonates and Evaporites* 31:153-161
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DATASETS

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- 2020 **Dumitru, O.A.**, Polyak, V.J., Asmerom, Y., Onac, B.P. Last Interglacial sea-level history from speleothems: a global standardized database. Zenodo. <http://doi.org/10.5281/zenodo.4681307>.
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- 2018 **Dumitru, O.A.**, Onac, B.P., Polyak, V.J., Wynn, J.G., Asmerom, Y., Fornós, J.J. (2018-08-22): NOAA/WDS Paleoclimatology - Campanet Cave, Mallorca, Spain 121 KYr Stalagmite Stable Isotope Data. NOAA National Centers for Environmental Information. <https://www.ncdc.noaa.gov/paleo/study/24950>.