

Seznam publikací v roce 2023 / List of Publications in 2023

Duffek V., **Tábořík P.**, Stacke V., Mentlík P. (2023): Origin of block accumulations based on the near-surface geophysics. *Open Geosciences* 15(1), 20220468. <https://doi.org/10.1515/geo-2022-0468>

Flášar J., Martínek K., Verner K., Kalinová R. (2023): Neogene-Quaternary response of the Novohradské hory Mts. (Czech Republic) fluvial systems to tectonics – Analyses of morphotectonics, stream-length index and structural geology, *Quaternary International* 656, 1-15. ISSN 1040-6182. <https://doi.org/10.1016/j.quaint.2023.01.008>

León-Loya R., Lacan P., Ortuño M., Zúñiga F. R., **Štěpančíková P.**, **Stemberk J.**, Hernández Flores A. P., Carrera Hernández J. J., Sunyé-Puchol I., Aguirre-Díaz G., Audin L. (2023): Paleoseismology of a Major Crustal Seismogenic Source near Mexico City: The Southern Border of the Acambay Graben. *Tectonics* 42, e2022TC007610. <https://doi.org/10.1029/2022TC007610>

McCalpin J., Ferrario F., Figueiredo P., Livio F., Grützner C., Pisarska-Jamroży M., Quigley M., Reicherter K., **Rockwell T.**, **Štěpančíková P.**, **Tábořík P.** (2023): New developments in onshore paleoseismic methods, and their impact on Quaternary tectonic studies. *Quaternary International* 664, 59-76. <https://doi.org/10.1016/j.quaint.2023.03.008>

Özkaptan M., **Gülyüz E.**, Kaymakçı N., Langerei C. (2022): Neogene restoration of geometry of the Neotethyan suture zone in Central Anatolia (Turkey). *International Geology Review* 64 (21), 2985-3004. ISSN 0020-6814. E-ISSN 1938-2839. <https://doi.org/10.1080/00206814.2021.2010133>

Papež D., Duffek V., Mentlík P., **Tábořík P.** (2023): Could long valley glaciers have been extended in the Bohemian Forest? Geophysical insights from Großer Rachel Region. *Acta Geodynamica et Geomaterialia* 20, No. 3 (211), 103–110. DOI: <https://doi.org/10.13168/AGG.2023.0010>

Radulov A., Dilov T., **Rockwell T.**, **Štěpančíková P.**, Yaneva M., Donkova Y., **Stemberk J.**, **Sana H.**, Nikolov N. (2023): First paleoseismic data from the Balkan Range. *Tectonophysics* 863, 230009. <https://doi.org/10.1016/j.tecto.2023.230009>

Šilhán K., Fabiánová A., Klimeš J., **Tábořík P.**, Hartvich F., Blahůt J. (2024): The effect of tree growth disturbances inertia on dendrogeomorphic spatio-temporal analysis of landslides: A case study. *Catena* 235, 107678. <https://doi.org/10.1016/j.catena.2023.107678>

Sana H., Ullah R., Zinke R., Fielding E. (2023): Torkham Rockslide of April 18, 2023, in Pakistan: an interplay of geomorphology, geology, slope cutting, and climate. *Landslides*. <https://doi.org/10.1007/s10346-023-02164-x>

Goswami Chakrabarti Ch., **Gülyüz E.**, **Gülyüz N.**, Narzary B., Jaiswal M. K., Karaoglan F. (accepted): Geomorphological and Geo/Thermo-chronological responses of Indian Plate's deformation during Neogene- Quaternary time along the Eastern Himalayan Syntaxis: Formation of Manabhum Anticline. *Journal of Asian Earth Sciences* 260, 1, 105967 <https://doi.org/10.1016/j.jseaes.2023.105967>

Karaoğlan F., Karataş B., Özdemir Y., **Gülyüz E.**, Vassilev O., Selbesoğlu M. O., Gildir S. (accepted): The geo/thermo-chronology of Dismal Island (Marguerite Bay, Antarctic Peninsula). *Turkish Journal of Earth Sciences*. doi:[10.55730/1300-0985.1887](https://doi.org/10.55730/1300-0985.1887)