

Seznam publikací za rok 2025 / List of Publications in 2025

Šut'jak, M., Melichar, R., **Baroň, I.**, Chen, Y., Černý, J., Dong, J., Dušek, V., **Hartvich, F.**, **Klimeš, J.**, Kociánová, L., Nguyen, T., Opletal, V., **Rowberry, M.**, Tseng, C., 2024. From oblique thrust to strike slip fault: progressive stages of an accretionary wedge development. *Lithosphere*, Special 15, 2024_182.
https://doi.org/10.2113/2024/lithosphere_2024_182

Šilhán K, **Balek J**, **Klimeš J**, **Blahůt J**, **Hartvich F**, Raška P, Riezner J, Šťastný M (2025): Complete historical chronology of complex landslide movements? Improving the tree-ring based results using multidisciplinary approaches. *CATENA*, 252, 108877.
<https://doi.org/10.1016/j.catena.2025.108877>.

Koppensteiner S.J., Bauer H., Grasemann B., Plan L., **Baroň I.** (2025): Fault mirrors in the process zone of a seismogenic fault (Karawanks, Eastern Alps). *Austrian Journal of Earth Sciences*, vol. 118, no. 1, Sciendo, 2025, pp. 115-132.
<https://doi.org/10.17738/ajes.2025.0006>

Baroň, I., Trčka, T., Čejka, J., Škarvada, P., Dolejška, D., Vassallo, R., Metral, L., **Rowberry, M.**, **Balek, J.**, **Hartvich, F.**, 2025. Contactless laser positioning system for tracking three dimensional kinematic behaviour of rock slope fractures and active faults tested on a large rockslide in the Western Alps. *Landslides*, <https://doi.org/10.1007/s10346-025-02648-y>.

Hartvich, F., Duszyński, F., **Tábořík, P.**, Jancewicz, K., Adamovič, A., Bartz, W. (2025): Rockfall in orthogonally jointed sandstone: a multi-instrumental study of a pillar collapse. *Bull Eng Geol Environ* 84, 513 (2025). <https://doi.org/10.1007/s10064-025-04526-2>

Klimeš, J., Dong, J-J, Chang, C-P (accepted) Strengthening regional capacity in landslide risk reduction: 2025 advanced institute on landslide risks in Northern Mainland Southeast Asia. *Landslides*, DOI 10.1007/s10346-025-02652-2

Šilhán K, Balek J, Klimeš J, **Blahůt J**, Hartvich F, Raška P, Riezner P, Šťastný M (2025) Complete historical chronology of complex landslide movements? Improving the tree-ring based results using multidisciplinary approaches. *Catena* 252: 108877.
<https://doi.org/10.1016/j.catena.2025.108877>

Mikluš, V., Trčka, T., **Rowberry, M.**, Rogerson, M., 2025. Searching for muons in caves. *Cave Radio and Electronics Group Journal*, v. 129, p. 22-24.

Rowberry, M., **Baroň, I.**, Trčka, T., 2025. Could caves hold the key to earthquake prediction? *Cave Radio and Electronics Group Journal*, v. 131, p. 21-24.

Létal A, **Klimeš J**, Šandric I (2025) Building landslide inventory with LiDAR data and deep learning, Editor(s): Ionut sandric, Viorel Ilinca, Zenaida Chitu, In *Earth Observation, Earth Observation Applications to Landslide Mapping, Monitoring and Modeling*, Elsevier, 2024,

pp. 297-311, ISBN 9780128238684, <https://doi.org/10.1016/B978-0-12-823868-4.00014-3>.