

Valley deepening in the Sudetes and Tatra Mtns using cosmogenic burial dating of cave sediments

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The karstic cave networks of the Tatra and Sudetes Mountains are developed in levels that serve as paleo-water table indicators. As valley incision progresses, the karstic cave network lowers, resulting in the transition of karst conduits from phreatic to vadose. We sampled allochthonous cave sediments derived from the headwaters of the surface catchments of the Tatra and Sudetes Mountains for cosmogenic nuclide burial ages.



Visitors: *Greg Hoke (Syracuse U.) and Artur Sobczyk (U. Wrocław)*

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Greg Hoke is a professor at Syracuse University. Artur Sobczyk is an assistant professor at the University of Wrocław and leads the new quartz preparation laboratory there. We are visiting the CCF to learn about methods and see column chemistry on our samples.