

Hungarian geology, karst bauxites and more

The SEG (Society of Economic Geologists) Student Chapter at Montanuniversität Leoben (MUL) together with the Chair of Geology and Economic Geology and the SEG Student Chapter at Eötvös Loránd University (ELU) in Budapest conducted a 2-day field trip to Hungary from March 25-26, 2024. A total of 11 participants from Leoben were accompanied by several students from the ELU and guided by Dr. Andrea Mindszenty (ELU), Dr. Gabriella B. Kiss (ELU) and Dr. Ferdinand Hampl (MUL).

The first day was focused on the general topic of karst bauxites (world's most important raw material for aluminum!). The first stop and meeting with the ELU SEG Student Chapter was at the abandoned bauxite mine in Gánt (Hungary). As an introduction, Dr. Mindszenty and Dr. Hampl gave informative talks about the mining history and formation of karst bauxites in Hungary and Austria. During the subsequent visit of the Balás Jenő Museum of Bauxite Mining and a hike through the geological park of Gánt, the students had the opportunity to examine in detail the connection between regional geological structures and their importance for bauxite formation.

After a successful first day, the evening was spent in Budapest having dinner and further interesting discussions together with colleagues from the ELU.





Geological park of bauxite and the Balás Jenő Museum of Bauxite Mining in Gánt.



Historical mineral collection of the Eötvös Loránd University.



