

## **International collaboration**

### **Research stay at Acad. H. Aliyev Institute of Geography (Azerbaijan)**

In connection with an upcoming (student) exchange program and a current scientific collaboration between researchers from TU Graz (Institute of Applied Geosciences) and Acad. H. Aliyev Institute of Geography, Dr. Andre Baldermann was invited as a researcher and special guest lecturer by the Institute of Geography. During his research stay from 02.04.-07.04.2018, Dr. Baldermann gave a series of lectures and seminar talks within the Master`s Degree Programme Geology/Geography at Acad. H. Aliyev Institute of Geography in the following areas (photo 1):

- Application of clay minerals in engineered and geological systems
- Paleo-climatic evolution of Central Asia (Mongolia)
- Novel analytical tools in mineralogy and geochemistry
- Role of clay minerals in the biogeochemical cycle of Fe
- How to assess weathering directions and paths in sedimentary rocks



Photo 1

Field work and scientific discussion about the formation conditions, genesis and post-depositional alteration history of hydrocarbon-bearing claystone sequences of early to middle Miocene age (~23 to 12 Ma) complemented this research stay (photos 2+3). This research exchange serves as a first step towards an intensified scientific collaboration and exchange program between Acad. H. Aliyev Institute of Geography and TU Graz.



Photo 2



Photo 3