



Interreg

Slovakia-Austria

European Regional Development Fund



DREAM-SK-AT - Danube River Research and Management in Slovakia and Austria

Objective: The aims of the project are to establish joint research facilities, to enhance knowledge transfer and to develop innovative monitoring and modelling tools in the SK-AT border region

Project duration: 04/2016-12/2020

Partners:



BOKU – Wasserbaulabor
Errichtungs- und Betriebs-
Gesellschaft m.b.H.





Laboratory of
Applied
Geoinformatics and
Earth
Observation

The lab will be located at ILE SAS in Bratislava. The main emphasis will be given on application of new GI technology and RS or advanced river monitoring and management. The infrastructure will be further used by technicians, students and management authorities in order to provide training for utilisation of GI technology and RS data.

Main research topics:

- inventory and classification of ephemeral water bodies
- assessment of watershed biotops dynamics using various vegetation indices derived from RS data
- utilisation of UAV systems for river monitoring

