

Name, University details and contact details

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Type of scientific work we are offering

We are offering following two research topics:

- Determining mineralogical and chemical characteristics of river sediments, their source and possible contamination compared with natural background samples.

So far, over the last ten years, we have collected a lot of data on mineralogical and chemical composition of river sediments in Serbia (Sava, Danube, Tisza, Timok) and we are continuing this investigation. Objective is to determine the source of sediments and possible contamination compared with natural background samples.

- Determining the importance of geological setting on soil characteristics in vulnerable landscapes.

We are presently working in the Fruska Gora Mt. (80km north of Belgrade) which is geologically very heterogeneous. We are investigating soil physico-chemical characteristics related to geological setting and type of land use. Objective is to determine how geological setting, mainly rock and sediment properties, influence soil characteristics and consequently erosion processes in vulnerable landscapes.

Possible duration for an STSM

On week to 6 months

The best time to host an STSM in this institution

Any time during the year