



Final seminar of the project

Upscaling deep buried geochemical exploration techniques into European business - UpDeep

Place: online

Time: Thursday 26th March, 2020 at 12:00-16:00 pm (EET)

UpDeep project (2017-2020) is an EIT Raw materials funded project focusing on developing low environmental impact geochemical exploration service that specializes on surface geochemical techniques. The UpDeep surface geochemical concept aids exploration industry to identify and prioritize potential exploration targets by reducing time and cost while improving reliability in target detection. The surface geochemical exploration is based on analysing trace amounts of metals or other elements and soil hydrocarbons in plants and soil horizons to discover deeply buried mineralisation. This activity received funding from the European Institute of Innovation and Technology (EIT), a body of the European Union, under the Horizon 2020, the EU Framework Programme for Research and Innovation.

Program:

12:00 Welcome, Saku Vuori, GTK

12:05-12:15 Introduction to UpDeep project, Vesa Nykänen, GTK

12:20-12:35 Surface geochemical consulting, Jens Rönqvist, Scandinavian Geopool

12:40-12:55 UpDeep standard reference material bank, Pertti Sarala, GTK

13:00-13:15 Streamlined surface geochemical sampling protocol, Jeremie Melleton, BRGM

13:20-13:50 Statistical data analysis of surface geochemical data including case studies from Finland, Greenland and France, Peter Filzmoser, Vienna University of Technology

14:00-14:30 Break

14:30-14:50 UpDeep Web Tool, Maarit Middleton, GTK

14:55-15:15 Surface geochemistry in exploration, Nick Cook, Mawson Resources

15:20-15:30 UpDeep project from the perspective of EIT Raw Materials, Olli Salmi, EIT Raw Materials, Baltic Call Location Centre

15:40-16:00 Questions and closing words, Vesa Nykänen, GTK

