

Mineral Prospectivity Modeler – MPM project seminar

In the seminar, the Geological Survey of Finland (GTK) presents outcomes of the Mineral Prospectivity Modeler (MPM) project. The MPM project investigated and implemented new workflows and digital spatial data analysis tools for mineral prospectivity modeling. A developed online prospectivity modelling tool supports strategic planning in exploration companies and facilitates the recognition of the most prospective areas making land claims for advanced exploration. To support target scale mineral exploration, a public Spatial Data Modeler toolbox was redesigned and recoded into ArcGIS software for the use of consulting and exploration companies. The use of the new tools was demonstrated in a case study with exploration data from Finnish Lapland.

The MPM project funded by the Business Finland-EU Regional Development Fund program 'Business from digitalization' and internationally by exploration industry. Business Finland funded 90% and companies 10% of the total of 508,000 euro budget for the years 2016-2018.

The seminar will be held in English.

Time: Friday 4th May, 2018, 10:30am – 15:00pm (Finland time)

Venues:

1. Lecture Room Ls 10, University of Lapland, Yliopistonkatu 8, Rovaniemi, Finland (see attached map)
 - o Sing up here <https://doodle.com/poll/xr9e4iimpw3d5nf8>
2. Online via the following link:
 - o Sign up here <https://connect.eoppimispalvelut.fi/mpmfinalseminar/>
 - o <https://doodle.com/poll/rsvmbn79nvktt84k>

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10:30–10:40 Welcome, Vesa Nykänen, GTK

10:40–11:00 MPM project goals and implementation, Maarit Middleton, GTK

11:10–11:50 New version of the Spatial Data Modeler tool: ArcSDM5, Vesa Nykänen, GTK

12:00–13:00 Lunch

13:00–13:25 MPM online tool, Vesa Nykänen, GTK

13:30–13:55 Dynamic prospectivity modelling case study, Tero Niiranen, GTK

14:00–14:15 Networking, future prospects and conclusions of the project, Vesa Nykänen, GTK

14:15–14:25 MPM tools from the perspective of a consulting company, Arianne Ford, Kenex

14:25–14:35 MPM tools from the perspective of a mining company, Andrew MacDonald, De Beers

Group

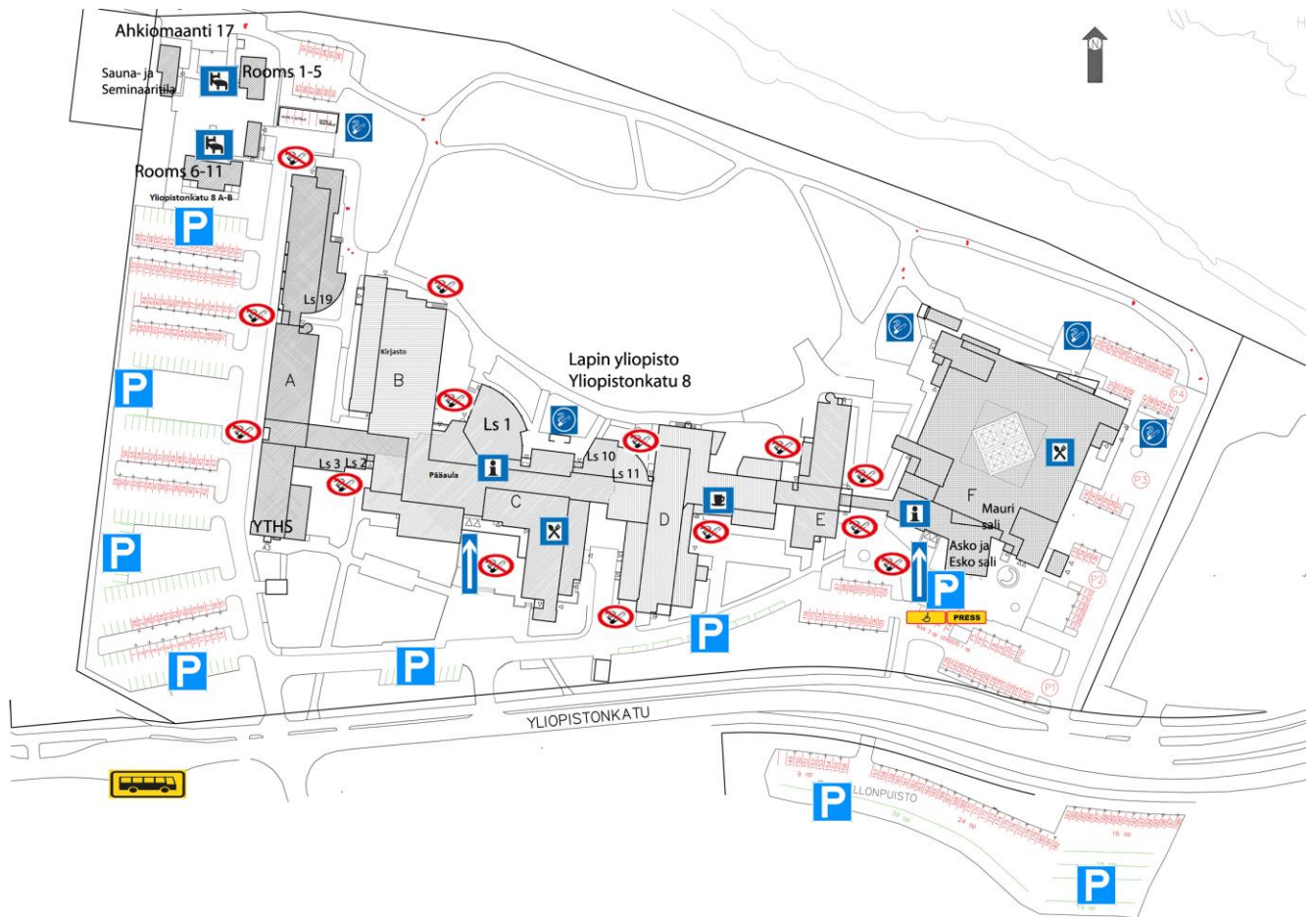
14:35–14:45 Funding agency feedback, Risto Mäkikyrö, Business Finland

14:45–15:00 Discussion, Vesa Nykänen, GTK

Welcome to the seminar!



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