



Seminar: Management of water balance in mining areas

Date: 28.8.2015, at 9:30 to 16:00 o'clock

Place: SYKE's auditorium, Mechelininkatu 34 a, Helsinki

Language: English

Program:

- 9:00-9:30 Morning coffee and registration
- 9:30-10:00 Guidelines for Mine Water Management, Ulla-Maija Mroueh, VTT
- 10:00-10:20 Groundwater modelling, Samrit Luoma, GTK
- 10:20-10:40 Parameters for groundwater modelling, Antti Pasanen and Arto Pullinen, GTK
- 10:40-10:50 Break
- 10:50-11:20 WSFS-application at Siilinjärvi mine area, Vesa Kolhinen, SYKE
- 11:20-11:50 System dynamics modelling framework with specialized water management modules, Juhani Korkealaakso, VTT
- 11:50-13:00 Lunch
- 13:00-13:20 HSC Chemistry software for calculation of water mass balance in the mining area including water quality, Tuukka Kotiranta, Outotec Research Center
- 13:20-13:40 Continuous environmental monitoring for the automation of water balance management at mines, Jaakko Seppälä, EHP-tekniikka Oy
- 13:40-14:00 Coffee break
- 14:00-15:50 Panel discussion on the needs and possibilities of water balance modeling at mine sites
- 15:50-16:00 Closing of the seminar