EPOS | WP14 Antropogenic Hazard Workshop and IS-EPOS Platform Training

June 11 - 14, 2018 | Oulu, Finland
Oulu Mining School, Faculty of Technology, University of Oulu

Detailed Programme
11th of June, Monday, Oulu Mining School, Room PR141

Arrival to Oulu, transportation to the University of Oulu
15:30 Arrival to the University, Coffee
16:00-16:15 Opening of the WP14 Workshop and Training, Practical instructions
16:15-17:00 Lecture 1: Elena Kozlovskaya (OMS): Introduction to Mining Geophysics
17:00-18:00, Grzegorz Lizurek, Institute of Geophysics, Polish Academy of Sciences: Introduction to EPOS AH Platform
18:00-19:00 Icebreaker, free discussion

12th of June, Tuesday, Oulu Mining School, Room PR145

8:30-9:15 Lecture 2: Mark Schaming, Institut de Physique du Globe de Strasbourg, France: The CDGP data center for deep geothermal energy in Alsace
10:00-10:15 Coffee break
10:15-11:00 Lecture 4: Stanislaw Lasocki, Institute of Geophysics, PAS, Analysis of seismic hazard caused by mining
11:00-11:45 Lecture 5: Beata Orlecka-Sikora, Institute of Geophysics, PAS: Stress changes in Underground Mines due to Interaction of Seismic events
11:45-12:30 Lunch
12:30-13:00 Excursion to OMS Research Center
13:00-13:45 Lecture 6: Grzegorz Kwiatek, Helmholtz GFZ German Research Centre for Geosciences Potsdam, Germany: Limits on detection and reliable analysis of small (induced) earthquakes
15:15-16:00 Lecture 9: Jan Sileny, Geophysical Institute, Academy of Science of Czech Republic: Constrained Moment Tensor Solutions in Mining Induced Seismicity
16:00-16:15 Coffee break
16:15-17:00 Lecture 10: Savka Dineva, Luleå University of Technology, Sweden Can we use the simple models of natural earthquakes for mine-induced seismic events (differences and problems)?
19:00 Meeting dinner

13rd of June, Wednesday, Oulu Mining School, Room PR145

8:30-9:15 Lecture 11: Raul Molehuara Canales, Oulu Mining School: Anthropogenic processes and hazards relevant to mining wastes: tailings storage facilities
9:15-10:00 Instructions for training: Jouni Nevalainen, Grzegorz Lizurek/ Łukasz Rudziński
10:00-10:20 Coffee break
10:20-11:30 Practical exercises with platform
11:30-12:30 Lunch
12:30-13:00 Excursion to OMS Research Center
13:00-16:00 Practical exercises with platform
16:00-16:20 Coffee break
16:20-18:00 Discussion of training results