

COST ACTION CA22138
24 – 28 June 2025; Bochum, Germany

Latest remediation, rehabilitation and monitoring techniques and their application on the raw materials' extraction legacies

TRAINING SCHOOL PROGRAMME

Monday 23 June, Bildung 1, Room 110 (G1 R110)

18:00 Informal gathering at THGA (Meeting Point: entrance of the university)

Tuesday 24 June, Bildung 1, Room 213 (G1 R213)

9:00 – 10:00 Opening of the summer school, Introduction of REMINDNET project, Get to know each other, Students presentations

10:00 – 10:45 Mine Closure and Rehabilitation in Mining – Dr. Stefan Möllerherm

10:45 – 11:15 Coffee break

11:15 – 12:00 Process of Reclamation and Remedation in the Czech Republic – Dr. Jindřich Šancer

12:00 – 12:30 Post-Mining as Opportunity to get Social Licence to Operate (MineHeritage project) – Dr. Veiko Karu

12:30 – 13:30 Lunch

13:30 – 14:30 Post-Mining Transition in the Ruhr Area – Dr. Tansel Doğan

14:30 – 14:45 – Coffee break

15:00 – 17:00 German Mining Museum visit at <https://www.bergbaumuseum.de/en/>

Wednesday 25 June, Bus leaving 9:00 from the university entrance

9:00 – 12:30 Technical Excursion: Colliery Nordstern

12:30 – 13:30 Lunch

13:30 – 17:00 Technical Excursion: Colliery Ewald

Thursday 26 June, Bildung 1, Room 213 (G1 R213)

9:00 – 10:00 Managing Post-Mining Hazard – Dr. Marwan Al Heib

10:00 – 11:00 From Space to Site: Remote sensing methodologies for environmental monitoring in post-mining areas – Dr. Vancho Adjiski

11:00 – 11:15 Coffee break

11:15 – 12:30 From Pixels to Practice: Remote sensing case study of a post-mining landscape – Dr. Vancho Adjiski

12:30 – 13:30 Lunch

13:30 – 14:30 Advanced Monitoring of Post-mining Areas – Dr. Stefan Möllerherm

14:30 – 15:00 Stability Case Study: Monitoring of the Underground Sand Mine in Estonia – Dr. Veiko Karu

15:00 – 15:30 Coffee break

15:30 – 17:00 Case Studies in Managing Post-mining Hazard – Dr. Marwan Al Heib

Friday 27 June, Bildung 1, Room 213 (G1 R213)

9:00 – 10:00 Comprehensive Overview of Dry Stack Tailings Technology – Dr. Erol Yilmaz

10:00 – 10:30 Non-invasive Near Real-time Structural Health Monitoring of Tailings Facilities: A case in Finland – Dr. Raul M Canales

10:30 – 11:00 Coffee break

11:00 – 12:30 Legal Aspects of Mine Closure with Examples from Different Countries – Dr. Marwan Al Heib / Dr. Tansel Doğan / Dr. Veiko Karu

12:30 – 13:30 Lunch

13:30 – 14:30 Financing Reclamation and Management of Legacy Mine Sites – what global practice is working best? – Dr. Raul M Canales

14:30 – 15:00 Use of Abandoned Mines and Possibilities of Usage of Surface infrastructure and Brownfields – Dr. Jindřich Šancer

15:00 – 15:30 Coffee break

15:30 – 17:00 Workshop "How to reuse the mined area and infrastructure?" – Dr. Veiko Karu

Saturday 28 June, Bildung 1, Room 213 (G1 R213)

9:00 – 10:00 Environmental Remediation after ISL Uranium Mining in the Czech Republic – case study and movie

10:00 – 12:00 Group Working: Post-mining examples from other countries based on REMINDNET database – Dr. Vancho Adjiski

12:00 – 13:00 Lunch

13:00 – 14:30 Practical work with drones – Dr. Marcin Pawlik / Hernan Flores

14:30 – 16:00 Closing Ceremony with Discussion

18:00 – 24:00 ExtraSchicht – OPTIONAL – visit at <https://www.extraschicht.de/>