

WSC4: Mine waste characterization in the EU (standard testing methods and guidelines) (short course)

Date: August 28-29 (post-conference)

Venue: Faculty of Earth Sciences and Engineering, University of Miskolc (Hungary)

Sponsors: University of Miskolc

Contact person: Ferenc Má dai (University of Miskolc, askmf@uni-miskolc.hu)

Convenors: Ferenc Madai (Univ. Miskolc) & Ingar Walder (Kjeoy Research & Education Center (KREC), Norway)

Invited speakers: to be announced later

Length (days): 2

Brief summary: In April 2006, European Union signed the Directive on waste from the extractive industry, often called the “tailings and mine waste directive”. As a part of this directive, standard methods were to be established for Acid-Base Accounting and Kinetic testing method standardization handled by CEN/TC-292 / WG8. This group decided that besides developing methods it was also necessary to develop Guidelines to assist mining companies and regulatory agencies understand the result of such testing and how to best utilize the information from the testing. These guidelines have a focus on issues of mineral-water-gas interactions generating contamination and how mineral-water-gas interactions can slow down contamination generation. This short course discusses the use and the content of these guidelines:

- Baseline data – site characterization/available information
- Planning of characterization
- Sampling protocols
- Geotechnical properties
- Chemical/geochemical/hydrological analysis (leach tests, mineralogy, ABA, Kinetic tests, chemical tests)
- ARD prediction methods
- Application, interpretation, evaluation
- Quality assurance/Quality control
- Closure and monitoring

No. of sessions: 1

No. of participants: max. 30

Price per participant: not confirmed yet

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