

Commission Topics

Main topics to be treated by the aggregate commission:

1. Engineering geological description:

- material type and lateral/vertical consistency
 - basic information, literature, maps and databases
 - mapping
 - sampling
- discontinuity at the ground surface and depth
- petrography/petrology
- geochemistry
- geophysics including radiation and logging in outcrop
- weathering
- practical tests

Ways of presenting information

- symbols and scales
- inventories, maps and computer-based presentations, 2D, 3D, 4D

2. Environmental impact:

Factors with environmental impact

- planning
- excavation
- quality of material
- harmful minerals
- restoration
- transportation, infrastructure, distance to market

Factors affected by exploration

- human health
- safety aspects
- waste products
- waste water
- ground and surface water
- stability conditions, undermining, flooding
- biological aspects
- aesthetic aspects
- loss of property

3. Research and development:

Inventory

- earlier projects
- ongoing projects

Planning and performance

- future projects
- international projects
- EU-projects