

Activity 4.3 Mining and the environment



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Relevance of the Topic

Mining in developing countries can be a **treasure** or a **trouble** – depending mainly on institutional stability, economic and **environmental management** (World Bank).

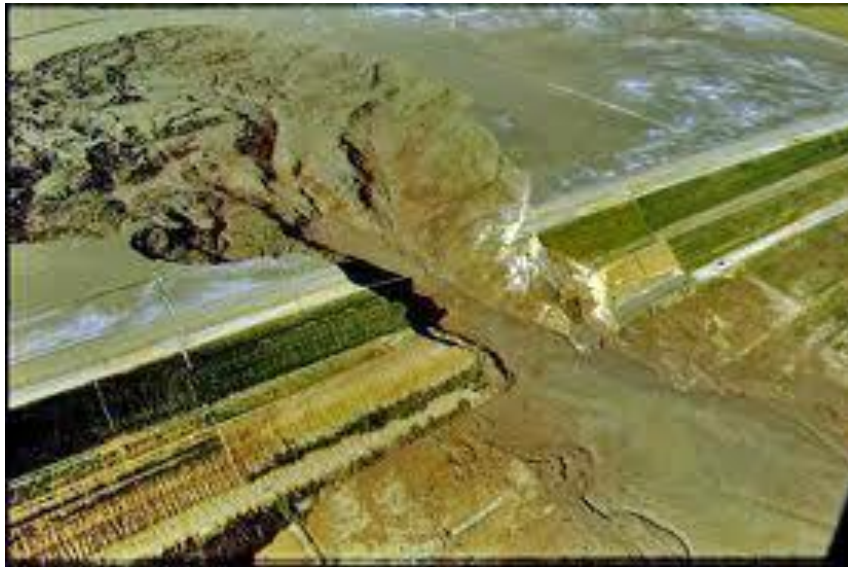
Mining activities result in **large** and often **severe environmental impacts** – which are frequently neglected because of economic pressures and slow evolution of environmental awareness.

Environmentalists often claim that developing countries with abundant mineral deposits suffer from a **resource curse**.....

.....but is it not actually a **governance curse**?



Relevance of the Topic



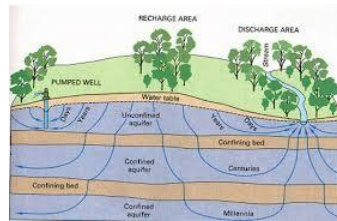
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Relevance of the Topic

Geological Surveys are very rarely responsible for managing the mining sectors environmental compliance – so why is this topic relevant for EGS and OAGS?

- Many mining related environmental problems are **directly dependent** on local **geological settings**, such as:



- Geoscientific knowledge can be used to **predict** and **prevent** problems associated with mining, for example:

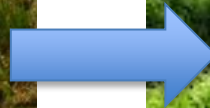


Recommendations

1. Improve OAGS members capacity to perform environmental and geochemical mapping.
2. Capacity building in relevant subjects such as hydrogeology and aquatic geochemistry.
3. Strengthened cooperation between OAGS members and responsible mining and environmental authorities.
4. Improve the quality of EIAs and EMPs by adopting technical guidelines according to international standards.



Thank you for your attention
Merci de votre attention
Obrigado pela vossa atenção



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