



Tematica pentru interviu:

Accidente istorice la iazuri de decantare la nivel global: date statistice, principalele cauze, consecințe și lecții învățate.

Clasificare iazurilor de decantare cu metoda indicelui de hazard (Tailings Hazard Index) și de risc (Tailings Risk Index).

Analiza siguranței iazurilor prin utilizarea metodei bazată pe Liste de verificare (Checklist method).

Probleme principale de mediu la iazuri de decantare. Metode de analiză și evaluare a impactului asupra mediului prin modelarea și simularea dispersiei poluanților proveniți din iazuri în factorii de mediu.

Referințe bibliografice:

Raport tehnic proiect DANUBE TMF: <https://www.umweltbundesamt.de/en/publikationen/safety-of-the-tailings-management-facilities-in-the>

https://www.umweltbundesamt.de/sites/default/files/medien/5750/publikationen/checklist_tool_danube_tmf_project_final.xlsx

https://www.umweltbundesamt.de/sites/default/files/medien/5750/publikationen/tmf_accident_database_danube_tmf_project_final_0.xlsx

Azam, S., Li, Q. (2010). Tailings Dam Failures: A Review of the Last One Hundred Years. Waste GeoTechnics. Geotechnical news.

Berghe, J. F., Ballard, J.-C., Pirson, M., Reh, U. (2011). Risk of Tailings Dams Failure. Bundesanstalt fuer Wasserbau ISBN, 209-216.

Simona Natalia Raischi, Robert Szép, Cristina Mihaela Balaceanu, Marius Raischi, Diana Dumitru, Andreea Moncea, Lucian Laslo, György Deák, Ágnes Keresztesi, Air pollution analysis in Moldova Noua waste dump, Ecoterra, 2017, Volume 14, Issue 2, pp.70-77.

C. Camino, E. Cuevas, S. Basart, S. Alonso-Pérez, J.M. Baldasano, E. Terradellas, B. Marticorena, S. Rodríguez, A. Berjón, An empirical equation to estimate mineral dust concentrations from visibility observations in Northern Africa, Aeolian Research, Volume 16, 2015, Pages 55-68.



José I. Huertas, María E. Huertas, Sebastián Izquierdo, Enrique D. González, Air quality impact assessment of multiple open pit coal mines in northern Colombia, *Journal of Environmental Management*, Volume 93, Issue 1, 2012, Pages 121-129.

EC (2000). Report of the International Task Force for Assessing the Baia Mare Accident, European Commission.

EC (2006) Directive 2006/21/EC of the European Parliament and of the Council of 15 March 2006 on the management of waste from extractive industries and amending Directive 2004/35/EC, European Commission.