2021 – 2023

Project: Sustainable decommissioning: analysis of hydrogeological behavior in rock massifs and its influence on geotechnical stability in open pit mine slopeand acid mine drainage generation

Presentations:

(2023) – Workshop Monitoramento Geofísico de Barragens, SBGf (Evento online).

Papers:

(2023) **Guireli Netto, L.**, Singha, K., Moreira, C.A., Gandolfo, O.C.B. & Albarelli, D.S.N.A. Investigation of fractured rock beneath a uranium-tailing storage dam through UAV digital photogrammetry and seismic refraction tomography. Frontiers in Earth Science. 11:1281076. 10.3389/feart.2023.1281076

(2024) Moreira, C.A., **Netto, L.G.**, de Siqueira Buchi, F.M. et al. Using Electrical Resistivity Tomography to Understand the Hydrogeological Behavior of Acid Drainage Percolation in a Fractured Aquifer at a Uranium Mining Site. Mine Water Environ 43, 431–448 (2024). https://doi.org/10.1007/s10230-024-00998-y

(2024) **Netto, L.G.**, Moreira, C.A., Bianchi, H.M. et al. Characterization of Excavated Radionuclide Retention Ponds in a Uranium Mine in the Process of Decommissioning Using Geophysical Methods. *Pure Appl. Geophys.* (2024). https://doi.org/10.1007/s00024-024-03602-0