

## POSTERS:

**Balaż P., Krawcewicz A.** (*Interoceanmetal Joint Organization, Poland*) - Critical metals in the IOM Deep Sea Deposit (Clarion-Clipperton Zone, Pacific)

**Barcelo E.** (*IMA-Europe, Belgium, Aalto University, Finland; Omya International AG, Switzerland*), **Shtiza A.** (*IMA-Europe, Belgium*) - Circularity and primary raw materials: how do they synergize toward societal needs?

**Burlakovs J.** (*MEERI, Poland*), **Vincevica-Gaile Z.** (*University of Latvia, Latvia*), **Kriipsalu M.** (*Estonian University of Life Sciences, Estonia*), **Grinfelde I.** (*Latvia University of Life Sciences and Technologies, Latvia*), **Wdowin M.** (*MEERI, Poland*) - Critical elements in geosphere – PGE and REE markets, ecosystems, sustainability in circular economy

**Dietrich V., Melcher F.** (*Montanuniversität Leoben, Austria*) - Mineral raw material supply chain transparency and traceability: Does provenance matter in the supply chain?

**Dyca B., Carsjens G.-J.** (*Wageningen University and Research Street, Netherlands*), **Gugerell K.** (*University of Natural Resources and Life Sciences, Austria*), **Tost M.** (*Montanuniversität Leoben, Austria*) - Understanding the sustainability of extractive industries: the case of the Boliden area, Sweden

**Fajfer J., Kostrz-Sikora P.** (*Polish Geological Institute – National Research Institute, Poland*) - Economic considerations of a circular economy based on waste accumulated on the rehabilitation of waste facilities

**Gałaś S., Krzak M.** (*AGH University of Science and Technology*), **Gałaś A.** (*MEERI, Poland*) - The importance of the mining exploitation fee in the system of mineral deposits safeguarding

**Kondela J., Hreus S.** (*Technical University Košice, Slovakia*) - Uranium mining restriction in Slovakia from the perspective of actual raw material situation

**Kot-Niewiadomska A.** (*MEERI, Poland*), **Rossi C.** (*Universidad Politécnica de Madrid, Spain*), **Galos K.** (*MEERI, Poland*) - Modern mining technologies as a way to use conflict mineral deposits

**Jelonek I., Kuś S., Jelonek Z.** (*University of Silesia, Poland*) – Raw material use of bottom sediments - a case study of the ‘Sosina’ Reservoir

**Piestrzyński A.** (*AGH University of Science and Technology, Poland*), **Ciechulski A.** (*Dom Górniczy, Poland*), **Foszcz D.** (*AGH University of Science and Technology, Poland*), - Environmentally safe gold recovery from alluvial deposits with the use of original separators based on the adhesive coatings phenomena

**Rambousek P., Godány J.** (*Czech Geological Survey, Czech Republic*), **Wertichová B.** (*Technical University of Ostrava*), **Wertich V.** (*Czech Geological Survey, Czech Republic*) - Regional raw material conception in the Czech Republic (case study Liberec Region)

**Sekyra L., Niewiadomski M.** (*Polska Unia Ubocznych Produktów Spalania, Poland*), **Pomykała R., Tora B.** (*AGH University of Science and Technology, Poland*) - Anthropogenic raw materials from coal combustion by-products

**Stankova H., Cernota P., Cablik V.** (*VSB TU Ostrava, Czech Republic*), **Tora B.** (*AGH University of Science and Technology, Poland*) - Forecast extraction and processing of lithium and tin from the Cinovec deposit, Czech Republic

**Szamałek K.** (*University of Warsaw, Poland*), **Zglinicki K.** (*Polish Geological Institute – National Research Institute, Poland*) - Knowledge about prospective resources as an instrument of mineral deposit protection

**Urbański P.** (*Polish Geological Institute – National Research Institute, Poland*) - Lignite in the context of Poland's energy security

**Wdowin M., Koneczna R., Cader J.** (*MEERI, Poland*) - The evaluation of the natural zeolite market in the V4 countries – within the framework of the Visegrad International Fund Project

**Wdowin M., Kunecki P.** (*MEERI, Poland*) - Synthesis of zeolites from rich silica sources as a way of mitigating the usage of natural zeolites deposits

**Worsa-Kozak M.** (*Wrocław University of Science and Technology, Poland*) - Geothermal brines as a carbon neutral source of CRM - BrineRIS Project Study