

Directorate of Research, Innovation and Partnerships (DRIP)

Mine Water Management Network (MIWANET)

HYBRID SEMINAR: Flooding of South African Collieries and Mineral Processing on Mine Sites and Potential Environmental Risks

You are cordially invited to attend the above mentioned hybrid seminar, jointly convened by NUST and University of Potsdam, Germany

Date: Friday, 19 May 2023

Time: 9h00-10h30

Venue: 6th Floor, PSU Board Room, High-Tech Transfer Plaza Select (HTTPS), NUST

MS Teams Link: Click here to join the meeting

Enquiries: e: rkuzatjike@nust.na; t: 061 207 2641

Facilitators



Dr. Eelco Lukas

Title of the presentation: Flooding of South African Collieries

He was born in the Netherlands, where he obtained a diploma in civil engineering. In 1985 he migrated to South Africa and started working as a field engineer for the Institute for Groundwater Studies (IGS) in Bloemfontein. After three years he started working on HydroCom, the PC version of the NGDB (National Groundwater Database). Eelco obtained his Master's and PhD degrees in 2012 and 2020 respectively from the Institute of Groundwater Studies (IGS) at the University of the Free State. Eelco is the developer of the Windows Interpretation System for Hydrogeologists (WISH) and was appointed Director of the IGS in 2018.



Dr. Benjamin Walter

Title of the presentation: Mineral Processing on Mine Sites and Potential Environmental Risks

He obtained his PhD in Petrology and Economic Geology at the Eberhard Karls University Tübingen (EKUT), Germany, in 2016. After a three-year post-doctoral position at EKUT, he took a position as a research fellow and assistant professor in the Geochemistry and Economic Geology Department at the Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany, in 2019. His habilitation was completed in 2023. His research is focused on mineralogy, petrology, fluid chemistry and associated processes in sedimentary, magmatic and metamorphic settings and the mineralogical control on geophysical exploration signatures.