

TAILING STORAGE CONFERENCE 2020

Investing in a Sustainable Future

12–13 February 2020

Birchwood Hotel & OR Tambo Conference Centre, Johannesburg, South Africa

Abstracts received

Cut-off systems for Dikes and Tailing Dams in Mining

BAUER Maschinen GmbH, Germany

Preferred tailings retreatment approach to unlock value and create environmental sustainability of the Louis Moore tailings dump near Giyani, South Africa

University of Johannesburg, South Africa

Copper tailings retreatment to deliver economic value with concurrent rehabilitation at the Musina mine, South Africa

University of Johannesburg, South Africa

This conference - why now?

South Africa

Use of clay liners as an economic liner for small scale gold mining

National University of Science and Technology, Zimbabwe

AMD Dam remediation system using waste products from the steel manufacturing and sugar industries

University of the Witwatersrand, South Africa

Rare earth recovery from acid mine drainage tailings dam

University of the Witwatersrand, South Africa

A technical and financial comparison and the related benefits of conventional vs innovative methodologies for water recovery from a tailings storage facility in drier climate

SLR Consulting, South Africa

GIS enabled, web-based TSF surveillance solution

SRK Consulting, South Africa

Design of an HDPE-lined platinum tailings facility in South Africa

SRK Consulting, South Africa

3D seepage modelling in tailings storage facility analysis and design for low permeability lined basins

SRK Consulting, South Africa

Co-disposition of tailings and waste rocks for eliminating the necessity of tailings storage facilities (TSF)

Research Institute on mines and Environment (RIME), Canada

Displacement monitoring with InSAR; an operational approach for tailings dams safety assessments

Optron, South Africa

Energy and material recovery from industrial waste streams in the Ferroalloy industry

Sintef Industry, Norway