



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY



In collaboration with the MMMA



TAILING STORAGE CONFERENCE 2020

Investing in a Sustainable Future

12–13 February 2020

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

Abstracts received

GIS enabled, web-based TSF surveillance solution

SRK Consulting, South Africa

Monitoring the stability of tailings dam walls with ambient seismic noise South Africa

Institute of Mine Seismology, 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

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

SRK Consulting, South Africa

Updating current strategies for estimating a source term for a tailings storage facility

Satellite based full life cycle monitoring of tailing storage facilities

Pinkmatter Solutions, South Africa

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

Rare earth recovery from acid mine drainage tailings dam

University of the Witwatersrand, South Africa

3D seepage modelling in Tailings Storage Facility analysis and design for low permeability lined basins

SRK Consulting, South Africa

Cut-off systems for dykes and tailings dams in mining

BAUER Maschinen GmbH, Schrobenehausen, Germany

A comparison of conventional and innovative methodologies for water recovery from a tailings storage facility in a dry environment

SLR Consulting, Johannesburg, South Africa

Displacement Monitoring with InSAR: An Operational Approach for Tailings Dam Safety Assessment

¹OPTRON, South Africa and ²TRE ALTAMIRA, Italy

Reducing risk through accurate monitoring

KLM Consulting Services Pty Ltd, South Africa

WIN WIN - A women driven self-help scheme to clean up mine residue

KLM Consulting Services Pty Ltd, South Africa