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TNA- Tailings News Alerts

Up-to-date News and Information on Tailings Dams and Engineered TSFs

NEWSMAKERS: * Atom Minerals * Barrick * BASF Magnafloc® , * BASF Rheomax® * Brazil * Brumadinho * CGG * Earthworks * ExcelPlas * Fundão Dam * GHD * Glencore * Geospatial Insight * Golder Associates * GrantHelp * Hellyer Gold Mines * Paterson & Cooke * Pueblo Viejo Tailings Dam * Quebec Iron Ore * Rio Tinto * Robotic Mini-Dredgers * Samarco * Terra Motion * TNA * TSF * VALE

BREAKING NEWS

Paterson & Cooke to Run Tailings Course (7-10 June 2022). *BOOK NOW*****

https://www.patersoncooke.com/wp-content/uploads/2022/02/FPTT2022-BrochureUS_HR.pdf

Rio Tinto Released a Million Cubic Metres of Contaminated Mine Process Water from 8 March 2022 to Prevent a Complete Collapse of its Dam

<https://theecologist.org/2022/mar/25/dead-fish-found-mine-dumps-water>

Cause of Failure of the Lagoa do Pirocáua Dam at the Aurizona Mine on March 25, 2021, Maranhão State, Northeast Brazil [PDF]

https://earthworks.org/assets/uploads/2021/09/Aurizona_Mine_Report_Emerman.pdf

New Method for Gold Extraction from Tailings Developed by Atom Minerals (Australia)

<https://az659834.vo.msecnd.net/eventsairseasiaprod/production-eeqw-public/f56d899025d24a218da36d871b72bfab>

Autonomous Robots to Remove Tailings from Tailings Dams

<https://www.dredgingservices.com.au/mine-site-dredging/>

Barrick's Proposed Pueblo Viejo Tailings Dam Location 'Highly Likely' to be Changed

<https://www.bnamericas.com/en/news/barricks-proposed-pueblo-viejo-tailings-dam-location-highly-likely-to-be-changed>

Quebec Iron Ore Says it Had No Choice but to Fill Eight Tailings Dams

<https://oicanadian.com/no-choice-to-fill-tailings-lakes-says-miner/>

Seminar on Mining Disaster in Brazil and Environmental Agenda in Chile (11th April, 2022)

<https://events.cornell.edu/event/perspectives-on-latin-american-issues-cornell-humphrey-fellows-professionals-speak-lacs-seminar-series>

INDUSTRY NEWS

Golder Associates Technical Report on Tailings Dam at Southern Copper Corporation: Buenavista Copper (Declassified)

<https://www.southernperu.com/ENG/invrel/FORM%2010kA%20Amendment%201/10K-A%201%2096-6%20BVC%20parte%201.pdf>

Hazards in Mining: Glencore Develop a Novel Model for the Prediction of Run-Out Distances in Tailings Dams Using Computational Fluid Dynamics

<https://www.sciencedirect.com/science/article/abs/pii/S136516092200017X>

Clean Technology Hazardous Red Mud Tailings from the Aluminium Industry by Displacement with a Mg-based Agent

<https://pubmed.ncbi.nlm.nih.gov/35325387/>

NSW Government Publishes Risk Assessment Flowchart for Tailings Dams

<https://www.resourcesregulator.nsw.gov.au/sites/default/files/documents/tailings-bowtie-2-post-closure-failure.pdf>

Impacts of High Salinity and BASF Polymer Properties on Dewatering and Structural Characteristics of Flocculated High-Solids Tailings

<https://www.sciencedirect.com/science/article/abs/pii/S0959652622003651>

Geochemical Modelling of Diethylenetriamine (DETA) in Tailings Management Areas

<https://www.sciencedirect.com/science/article/abs/pii/S089268752100563X>

Earthworks Publishes 16 Guidelines for Responsible Tailings Management

https://41p14i2a856b1gs8ii2wv4k4-wpengine.netdna-ssl.com/assets/uploads/2020/06/INFOGRAPHIC-Safety-First-Summary-Table_Page_1-scaled.jpg

The Hidden Risks of Tailings Dams

<https://www.nsenerybusiness.com/features/the-hidden-risks-of-tailings-dams/>

Video on Analysis and Design of Tailings Dams using Numerical Methods

<https://www.youtube.com/watch?v=bjMB0K39i5Q>

Repair, Reuse, Recycle: ERG's Critical Minerals Reprocessing Journey

<https://im-mining.com/2022/03/25/repair-reuse-recycle-ergs-critical-minerals-reprocessing-journey/>

Private Adaptation in the Mining Sector: How to Promote Local Sustainability?

<https://www.researchgate.net/publication/359369761-Private-adaptation-in-the-mining-sector-How-to-promote-local-sustainability>

LATEST RESEARCH

Numerical Simulation of Tailings Flow from Dam Failure over Complex Terrain

<https://www.mdpi.com/1996-1944/15/6/2288/pdf>

Stability Analysis of Upstream Tailings Dam Using Numerical Limit Analyses

<https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29GT.1943-5606.0002792>

Procedure for Assessing the Liquefaction Vulnerability of Tailings Dams

<https://www.sciencedirect.com/science/article/abs/pii/S0266352X22000027>

Mechanical-Based Properties of Mine Tailings for Static Liquefaction

<https://ascelibrary.org/doi/abs/10.1061/9780784484036.018?download=true>

Comprehensive Diagnosis Method of the Health of Tailings Dams Based on Dynamic Weight and Quantitative Index

<https://www.mdpi.com/2071-1050/14/5/3068/pdf>

Study on Leakage Through Geomembrane Defects Overlain by Saturated Tailings and Underlain by Highly Permeable Subgrade

<https://www.sciencedirect.com/science/article/abs/pii/S0266114422000383>

Compressive Fatigue Behaviour and Failure Evolution of Additive Fibre-Reinforced Cemented Tailings Composites

<https://link.springer.com/article/10.1007/s12613-021-2351-x>

Comparative Mechanical Properties of Conventional Concrete Mixture and Concrete Incorporating Mining Tailings Sands

<https://www.sciencedirect.com/science/article/pii/S2214509522001632>

Effects of Incorporating Large Quantities of Copper Tailings with Various Particle Sizes on the Strength and Pore Structure of Cement-Based Materials

<https://www.researchgate.net/publication/359255930-Effects-of-incorporating-large-quantities-of-copper-tailings-with-various-particle-sizes-on-the-strength-and-pore-structure-of-cement-based-materials>

Environmental Impacts of Rare Earth Production

<https://link.springer.com/article/10.1557/s43577-022-00286-6>

MARKETING YOUR BRAND IN THE TAILING'S SPACE

How to Get Noticed by More Than 45,000 People in the Tailings Space Across the Globe

TNA reaches over 45,000 people each month and this high level of audience engagement comes from years of creating content that matters to the mining industry.

We provide the industry's most reliable and current information, and have the trust and attention of the leaders and decision makers.

Not only can we help you get in front of our highly engaged audience, but we also have a number of channels you can use to target your message – as well as the subject matter experts to put it all together.

TNA Digital Marketing Tools Used to Reach Critical Asset Owners

<https://www.tailingsnews.com.au/>

TNA Media Pack Download Here

<https://cloud.excelplas.com/s/ohJ6asTzCPppQKY#pdfviewer>

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