

# July 2021 Vol. 2

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## TNA- Tailings News Alerts

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

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NEWSMAKERS: \* Acid Mine Drainage \* AMD \* BHP \* Bioleaching \* Brumadinho \* ExcelPlas \* Metso Outotec \* Mineral Liberation Analysis (MLA) \* Miniredgers \* MMG \* Red Mud \* SkyCatch \* Tarkine \* Tasmania \* TNA \* TSF \* University of Queensland \* Vale

#### INDUSTRY NEWS

##### **BHP, Vale Face \$26bn Brazil Dam Settlement**

<https://thewest.com.au/news/crime/brazil-dam-settlement-could-be-26b-c-3451896>

##### **Prosecutors Demand US\$30bn Compensation for Tailings Dam Collapse**

<https://www.bnamericas.com/en/news/prosecutors-demand-us30bn-compensation-for-mariana-tailings-dam-collapse>

##### **Credibility Crisis Brumadinho Tailings Dam Failure and the Politics of Mining Industry Reform**

<https://www.usddamsandleveesbulletin-digital.com/damq/0221-summer-2021/MobilePagedArticle.action?articleId=1703691&app=false&cmsId=3931526#articleId1703691>

##### **Dredging of Tailings Dams Made Easy with Remote Controlled Mini-Dredgers**

<https://cloud.excelplas.com/s/19ZE20rpaajYpem#pdfviewer>

##### **Legal Threat Stops Work on Tailings Dam Project in Tasmania's Tarkine**

Majority Chinese-owned company MMG says 'unwarranted legal threats' forced it to 'pause' work on proposed tailings dam site

<https://www.theguardian.com/australia-news/2021/jul/15/legal-threat-stops-work-on-mine-project-in-tasmanias-tarkine>

### **SkyCatch Out-of-the-Box Thinking About Tailings at Mine Sites**

<https://www.youtube.com/watch?v=vKW5xdumbPI>

### **Management and Re-Use Opportunities for Tailings**

<https://www.youtube.com/watch?v=aPp01MzM9rg>

### **Reclassification and Decommissioning of Tailings Storage Facilities**

<https://www.okc-sk.com/au/reclassification-and-decomissioning-of-tailings-storage-facilities/>

### **Metso Outotec to help Karara Mining Expand Tailings Filtration at Iron Ore Mine**

<https://im-mining.com/2021/07/13/metso-outotec-to-help-karara-mining-expand-tailings-filtration-at-iron-ore-mine/>

## **NEW RESEARCH**

### **Tailings Dam Failure Modes; Recognitions and Preventions**

<https://www.researchgate.net/profile/Amin-Hasani-Motlagh/publication/352933268-Tailings-Dam-Failure-Modes-Recognitions-and-Preventions/links/60e0064e299bf1ea9edaa0f2/Tailings-Dam-Failure-Modes-Recognitions-and-Preventions.pdf>

### **Mechanically Activated Mine Tailings for Use as Supplementary Cementitious Materials**

<http://letters.rilem.net/index.php/rilem/article/view/143>

### **Systematic Characterization of Historical Tailings for Possible Remediation and Recovery of Critical Metals and Minerals**

Mineral liberation analysis (MLA) enhances knowledge about tailings particles.

<https://www.sciencedirect.com/science/article/pii/S0375674221000558>

### **Current Key Options for Management of Industrial Alkaline Waste of Alumina Production (Red Mud)**

[https://www.e3s-conferences.org/articles/e3sconf/pdf/2021/60/e3sconf\\_tpacee2021\\_01003.pdf](https://www.e3s-conferences.org/articles/e3sconf/pdf/2021/60/e3sconf_tpacee2021_01003.pdf)

### **Effect of Geomembrane Hole Geometry on Leakage Overlain by Saturated Tailings**

<https://www.sciencedirect.com/science/article/abs/pii/S0266114421000716>

### **Simultaneous Recovery of Valuable Metal Ions and Tailings Toxicity Reduction Using a Mixed Culture**

### **Bioleaching Process**

<https://www.sciencedirect.com/science/article/abs/pii/S0959652621025348>

### **Surface Change Detection in a Mine Tailings Using Sentinel-1 Interferometric SAR Coherence Imagery**

<https://www.koreascience.or.kr/article/JAKO202119465000020.pdf>

### **Review of Historical Dam-Break Events and Laboratory Tests on Real Topography for the Validation of Numerical Models**

<https://www.mdpi.com/2073-4441/13/14/1968/pdf>

## MARKETING YOUR BRAND IN THE TAILING'S SPACE

### **How to Get Noticed by More Than 40,000 People in the Tailings Space Across the Globe**

TNA reaches over 40,000 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.

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## MORE TAILINGS NEWS

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