

# January 2022 Vol. 2

Author : TNA

## TNA- Tailings News Alerts

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

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NEWSMAKERS: \* AAC \* BGC Engineering \* Brazil \* ExcelPlas \* Fundão Dam \* ICMM \* LUNA \* MMG \* Simberi \* TC221 \* TetraTech \* TNA \* TSF \* VALE \* WEIR

#### INDUSTRY NEWS

##### **Brazil Prosecutors Appeal to Supreme Court in Collapsed Dam Case**

<https://www.reuters.com/world/americas/brazil-prosecutors-appeal-supreme-court-collapsed-dam-case-2022-01-15/>

##### **Heavy Rains in Brazil Shut Down Giant Iron Mines, Raise Concerns Over Tailings Dams**

<https://www.thebharatexpressnews.com/heavy-rains-in-brazil-shut-down-giant-iron-mines-raise-concerns-over-tailings-dams/>

##### **Fears Rise About Condition of Brazil Tailings Dams**

<https://www.bnamericas.com/en/news/fears-rise-about-condition-of-brazil-tailings-dams>

##### **Webinar – Geotechnical Issues of Tailings Dams (20<sup>th</sup> January 2022)**

<https://www.issmge.org/news/tsfs0>

##### **Simberi Deep-Sea Tailings Pipe Fixed**

<https://cloud.excelplas.com/s/J5aNPMJwGFctLGI#pdfviewer>

##### **Luna Develops New Monitoring Solution for Tailings Dams**

<https://www.waterpowermagazine.com/news/newsluna-develops-new-monitoring-solution-for-tailings-dams-9397986>

### **Compacted Filtered Tailings Disposal by Stacking**

<https://www.researchgate.net/publication/357827232-Consoli-et-al-2022-Compacted-filtered-tailings-disposal-by-stacking>

### **Hudbay Looks to Tailings Reprocessing as 777 Mine Winds Down**

<https://www.canadianminingjournal.com/news/hudbay-looks-to-tailings-reprocessing-as-777-mine-winds-down/>

### **Transportation, Infrastructure, Tailings, and Water Management- Tetra Tech**

<https://www.tetratech.com/en/projects/transportation-infrastructure-tailings-and-water-management-izok-project-nunavut>

### **Performance of a Tailings Dam in a Highly Seismic Environment**

[https://www.britishgeotech.org/uploads/british\\_geotechnical\\_association/files/BGA\\_Poster\\_2021\\_Solans.pdf](https://www.britishgeotech.org/uploads/british_geotechnical_association/files/BGA_Poster_2021_Solans.pdf)

## MONITORING OF TAILINGS DAMS

### **Application of Distributed Acoustic Sensing Within a Tailings Dam Warning System [PDF]**

<https://www.researchgate.net/profile/Bradley-Forbes/publication/357632053-Application-of-distributed-acoustic-sensing-within-a-tailings-dam-warning-system/links/61d710e9b6b5667157cf154a/Application-of-distributed-acoustic-sensing-within-a-tailings-dam-warning-system.pdf>

### **Tailings Dam Monitoring - Terra15**

<https://terra15.com.au/tailings-dam-monitoring/>

### **Luna Develops New Monitoring Solution for Tailings Dams**

<https://www.waterpowermagazine.com/news/newsluna-develops-new-monitoring-solution-for-tailings-dams-9397986>

## REUSE OF TAILINGS

### **Recycling of Low-Silicate Iron Tailings in the Production of Lightweight Building Materials**

<https://link.springer.com/article/10.1007/s10163-021-01336-y>

### **Preparation and Characterization of Waterproof Autoclaved Aerated Concrete (AAC) Using Molybdenum**

### **Tailings as the Raw Materials**

<https://www.sciencedirect.com/science/article/abs/pii/S2352710222000493>

### **Review of Concepts for Gold Recovery from Gold Tailings**

<http://sciencebox.uz/index.php/jars/article/view/688/663>

### **Sustainable and Efficient Stabilization/Solidification of Pb, Cr, and Cd in Lead-Zinc Tailings by Using Highly Reactive Pozzolanic Solid Waste**

<https://www.sciencedirect.com/science/article/pii/S0301479722000469>

### **Reutilizing Waste Iron Tailings as Filler in Mortar to Realize Cement Reduction and Strength Enhancement**

<https://www.mdpi.com/1996-1944/15/2/541/pdf>

### LATEST RESEARCH

### **Using The Norsand Constitutive Model as A Tool In Assessing The Static And Dynamic Stability Of Tailings Slopes Containing Contractive Material**

<https://arq.co.za/wp-content/uploads/2021/11/K-O-Brien-Using-the-NorSand-Constitutive-Model-as-a-Tool-in-Assessing-the-Static-and-Dynamic-Stability-of-Tailings-Slopes-Containing-Contractive-Material.pdf>

### **Geophysical Tools to Study the Near-Surface Distribution of the Tailings in the Smaltjärnen Repository, Sweden; a Feasibility Study**

<https://link.springer.com/article/10.1007/s11600-021-00697-0>

### **New Optimization Understanding of the Removal of Harmful Elements from Gold Tailings: A Review**

<https://link.springer.com/article/10.1007/s11837-021-05097-9>

### **Employing U-shaped 3D Printed Polymer to Improve Flexural Properties of Cementitious Tailings Backfills**

<https://www.sciencedirect.com/science/article/abs/pii/S0950061821040265>

### JOBS

### **Seeking Senior Tailings Engineer**

<https://www.concentis.com.au/work-with-us/browse-jobs/senior-project-engineer/>

## 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/>

### **Want More Tailings News?**

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## MORE TAILINGS NEWS

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This Newsletter is brought to you by Excelplas Labs, Australia's Largest group of Polymer Testing Labs.

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