

Fundão tailings dam failures: the environment tragedy disaster of Brazilian mining in global context

Perspectives in Ecology and Conservation

15, 145-151

DOI: [10.1016/j.pecon.2017.06.002](https://doi.org/10.1016/j.pecon.2017.06.002)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Tailings Dams Failures: Updated Statistical Model for Discharge Volume and Runout. <i>Environments - MDPI</i> , 2018, 5, 28.	1.5	35
3	Monitoring the Vulnerability of the Dam and Dikes in Germano Iron Mining Area after the Collapse of the Tailings Dam of Fundão (Mariana-MG, Brazil) Using DInSAR Techniques with TerraSAR-X Data. <i>Remote Sensing</i> , 2018, 10, 1507.	1.8	40
4	The lack of spiritual perspective of organizations: an exploratory study. <i>International Journal of Organizational Analysis</i> , 2018, 26, 915-940.	1.6	14
5	Atlantic Forest loss caused by the world's largest tailing dam collapse (Fundão Dam, Mariana, Brazil). <i>Remote Sensing Applications: Society and Environment</i> , 2018, 12, 30-34.	0.8	34
6	The Samarco mine tailing disaster: A possible time-bomb for heavy metals contamination?. <i>Science of the Total Environment</i> , 2018, 637-638, 498-506.	3.9	191
7	Brazilian Ironstone Plant Communities as Reservoirs of Culturable Bacteria With Diverse Biotechnological Potential. <i>Frontiers in Microbiology</i> , 2018, 9, 1638.	1.5	9
8	Characterization and evaluation of sorption potential of the iron mine waste after Samarco dam disaster in Doce River basin – Brazil. <i>Chemosphere</i> , 2018, 209, 411-420.	4.2	62
9	Accounting for tailings dam failures in the valuation of mining projects. <i>Resources Policy</i> , 2019, 63, 101461.	4.2	21
10	Life-time exposure to waterborne copper IV: Sperm quality parameters are negatively affected in the killifish <i>Poecilia vivipara</i> . <i>Chemosphere</i> , 2019, 236, 124332.	4.2	13
11	The effects of mining tailings in the physiology of benthic algae: Understanding the relation between mud's inductive acidification and the heavy metal's toxicity. <i>Environmental and Experimental Botany</i> , 2019, 167, 103818.	2.0	8
12	Wave-induced sediment mobility on a morphologically complex continental shelf: eastern Brazilian shelf. <i>Geo-Marine Letters</i> , 2019, 39, 349-361.	0.5	5
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15	Toxic and essential metals in <i>Narcine brasiliensis</i> (Elasmobranchii: Narcinidae): A baseline ecotoxicological study in the Southeast Atlantic and preliminary maternal transfer implications. <i>Marine Pollution Bulletin</i> , 2019, 149, 110606.	2.3	21
16	Mineralogical Examination of Gold Processing Plant Tailings. <i>Journal of Mining Science</i> , 2019, 55, 149-156.	0.1	1
17	Larval fish assemblages of the coastal area affected by the tailings of the collapsed dam in southeast Brazil. <i>Regional Studies in Marine Science</i> , 2019, 32, 100848.	0.4	20
18	Understanding the Environmental Impact of a Mine Dam Rupture in Brazil: Prospects for Remediation. <i>Journal of Environmental Quality</i> , 2019, 48, 439-449.	1.0	38
19	Innovative Precipitation-Flocculation Process for Treating Turbid Waters from Gualaxo do Norte River, Brazil. <i>Mining, Metallurgy and Exploration</i> , 2019, 36, 851-856.	0.4	2

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20	A Bayesian Network-based risk dynamic simulation model for accidental water pollution discharge of mine tailings ponds at watershed-scale. <i>Journal of Environmental Management</i> , 2019, 246, 821-831.	3.8	38
21	Revegetation process increases the diversity of total and arbuscular mycorrhizal fungi in areas affected by the Fundão dam failure in Mariana, Brazil. <i>Applied Soil Ecology</i> , 2019, 141, 84-95.	2.1	28
22	Strategy for phytomanagement in an area affected by iron ore dam rupture: A study case in Minas Gerais State, Brazil. <i>Environmental Pollution</i> , 2019, 249, 1029-1037.	3.7	33
23	Selected cases of failure analysis and the regulatory agencies in Brazil. Part 2: Electric energy and oil. <i>Engineering Failure Analysis</i> , 2019, 99, 108-125.	1.8	7
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25	Spatial-Temporal Analysis of Land Cover Change at the Bento Rodrigues Dam Disaster Area Using Machine Learning Techniques. <i>Remote Sensing</i> , 2019, 11, 2548.	1.8	6
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27	Will In-Place Recovery Ever Replace the Need for Flotation?. <i>Mining, Metallurgy and Exploration</i> , 2019, 36, 189-197.	0.4	4
28	Insights on the freshwater microbiomes metabolic changes associated with the world's largest mining disaster. <i>Science of the Total Environment</i> , 2019, 654, 1209-1217.	3.9	62
29	The environmental criticality of primary raw materials – A new methodology to assess global environmental hazard potentials of minerals and metals from mining. <i>Mineral Economics</i> , 2019, 32, 91-107.	1.3	24
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34	A new species of Pheraeus Godman, 1900 (Hesperiidae, Hesperini, Moncina) restricted to Rio Doce Valley, Brazil. <i>Zootaxa</i> , 2020, 4859, 285-292.	0.2	0
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36	Mining Waste Challenges: Environmental Risks of Gigatons of Mud, Dust and Sediment in Megadiverse Regions in Brazil. <i>Sustainability</i> , 2020, 12, 8466.	1.6	18
37	The effects of a tailing dam failure on the sedimentation of the eastern Brazilian inner shelf. <i>Continental Shelf Research</i> , 2020, 205, 104172.	0.9	35

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45	Possible contamination of the Abrolhos reefs by Fundao dam tailings, Brazil â€“ New constraints based on satellite data. <i>Science of the Total Environment</i> , 2020, 733, 138101.	3.9	27
46	Influence of high-charge and low-charge PCE-based superplasticizers on Portland cement pastes containing particle-size designed recycled mineral admixtures. <i>Journal of Building Engineering</i> , 2020, 32, 101515.	1.6	4
47	Tracing iron ore tailings in the marine environment: An investigation of the Fundão dam failure. <i>Chemosphere</i> , 2020, 257, 127184.	4.2	16
48	Impacts of gold mine effluent on water quality in a pristine sub-Arctic river. <i>Journal of Hydrology</i> , 2020, 589, 125170.	2.3	16
49	Environmental drivers of shifts on microbial traits in sites disturbed by a large-scale tailing dam collapse. <i>Science of the Total Environment</i> , 2020, 738, 139453.	3.9	38
50	Conservation paradox: Large-scale mining waste in protected areas in two global hotspots, southeastern Brazil. <i>Ambio</i> , 2020, 49, 1629-1638.	2.8	14
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70	How does drought affect native grassesâ€™ photosynthesis on the revegetation of iron ore tailings?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 14797-14811.	2.7	15
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75	Temporal and spatial trend analysis of surface water quality in the Doce River basin, Minas Gerais, Brazil. <i>Environment, Development and Sustainability</i> , 2021, 23, 12124-12150.	2.7	12
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77	Does mining waste concentration in the soil interfere with leaf selection by <i>Acromyrmex subterraneus</i> (Formicidae)? <i>Biotropica</i> , 2021, 53, 487-495.	0.8	3
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79	When destruction comes first: Two new species of <i>Hypostomus</i> Lacépède, 1803 (Siluriformes: Tj ETQq1 1 0.784314 rgBT / Overlock 10 Biology, 2021, 98, 1371-1384.	0.7	7
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