



minerals



Special Issue Reprint

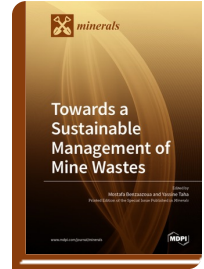
Towards a Sustainable Management of Mine Wastes

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The need for efficient and sustainable management methods of mine waste is continuously growing all around the world. These waste products often present serious management problems due to their more or less significant amounts and possible environmental threats. This Special Issue highlights the recent and new trends in sustainable mine waste management techniques. Currently, it is essential to sustainably manage mine waste, considering social, economic, environmental and technical aspects. In this Special Issue, insights related to the following issues are highlighted: the problems around mine waste, the fine characterization of mine waste, the latest available technical and environmental solutions to efficiently manage mine waste, including treatment and processing before disposal and high value element recovery, with the view of moving towards defining effective, low-cost and ecofriendly methods, the recycling of mine waste products as alternative resources in different sectors, and finally laboratory, pilot and/or industrial-scale studies related to these topics of research. Scientists and industry and governance stakeholders have to face these new challenges to find the best management practices for the future.



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