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## Seasonal Effects of Rainwater Infiltration on Volumetric Water Content and Water Quality in Mine Wastes

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### Message from the Guest Editors

During the operation of a mine, and particularly post-closure, stored mine wastes are susceptible to the climatic setting of the mine site. Seasonal rainfall infiltration and evapotranspiration from revegetated mine waste storages, plus access to oxygen, dictate the water content of the mine wastes, their reactivity, and the quality of any seepage and runoff from the storages.

Coarse-grained mine wastes typically start out relatively dry and have access to oxygen in dumps. Over time, the coarse wastes wet-up due to rainfall infiltration, at a rate dependent on the amount and intensity of rainfall, the particle size distribution of the wastes, and the height of the dump. The seepage will carry with it any oxidation products and contaminants.

This [Special Issue](#) welcomes scientific contributions that will enhance the knowledge in research and applications about seasonal effects of rainwater infiltration on volumetric water content and water quality in mine wastes.



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Special Issue



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## Message from the Editor-in-Chief

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