



Cemented Paste Backfill: How Do the Components Affect the Performance?

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

CPB is an engineering mixture produced from tailings, hydraulic binder, and water. In order for CPB to display good performance, characterization of the components, environmental conditions where CPB will be placed, short and long-term stability and durability, CPB design, underground mining operations (barricade construction, backfilling conditions and applications, blasting activities for ore extraction and vibrations etc.), possible stress of adjacent walls, geological, geotechnical and hydrogeological properties, backfilling duration of voids should also be taken into account. Otherwise, failure of the barricades, subsidence formation, loss of labour, time and equipment, wall collapses, ore dilution and heavy metal release into the waters may occur.

This special issue invites research papers and relevant reviews dealing with the components/materials, strength, durability, microstructural properties, test techniques, rheology, workability, transportability, geochemical properties/acid mine drainage etc. related to the performance of CPB.

Dr. Ferdi Cihangir

Guest Editor





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Message from the Editor-in-Chief

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