Special Issue

Advanced Methodology and Analysis in Coal Mine Gas Control

Message from the Guest Editors

The significance of coal mine gas control in the field of engineering cannot be underestimated. Within this scope, research efforts are focused on understanding and investigating gas occurrence and flow laws through a combination of experimental, theoretical, and computational methods, with the goal of uncovering the fundamental characteristics of coal mine gas control. This Special Issue aims to advance the environmentally sustainable exploration, processing, and utilization of gas resources to support the energy transition and net-zero carbon goals. General topics include, but are not limited to, carbon capture, utilization, and storage (CCUS), hydrogen, and underground gas storage.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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