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Advances in Coal and Water Co-mining

Guest Editor:

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Deadline for manuscript submissions:
closed (1 September 2023)

Message from the Guest Editor

This Special Issue aims to present research and review articles on coal and water co-mining. The focus will be on the orderly, rational and efficient planning and use of water resources to meet the needs of different mining stages from the perspective of the whole mining cycle, to achieve coal–water co-mining and thus effectively improve the ecological environment of coal mining areas.

The topics of interest include, but are not limited to, the following:

- Geological condition survey identification;
- Evaluation of hydrogeological conditions;
- Slope stability control technology;
- Relationship between vegetation and groundwater level;
- Structural protection of water-bearing (septic) seams during coal mining;
- Surface and groundwater reservoir technology;
- Coal and water co-mining technology;
- Mechanisms of water–coal (rock) interactions;
- Integrated use of mining water resources;
- Water damage control in coal mines;
- Detection and prediction of the height of the hydraulic fracture zone;
- Influence mechanism of ecological environment in mining area;
- Mine land reclamation and ecological reconstruction technology.

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Message from the Editor-in-Chief

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