

## Special Issue

# Advances in Green Coal Mining Technologies

### Message from the Guest Editors

In recent years, with increasing emphasis being placed on ecological resources and the environment in various countries, the traditional mining method of mineral resources is no longer suitable for the new development situation, and green mining is the inevitable trend of mining technology development in the future, through vigorously developing green mining technology, reducing disturbance to the ecological environment as much as possible, and realizing the efficient utilization of resources. We welcome experts and scholars to submit high-quality research papers. Research topics should be related to green mining technology, including, but not limited to, the following topics:

Mining without coal pillar;  
Narrow pillar of extra-thick coal seam;  
End-mining coal pillar;  
Sustainable mining;  
New gas extraction technology;  
Grouting process control of overlying strata separation;  
Mining area management and ecological restoration;  
Surface crack repair;  
Ecological restoration of mining damage;  
Mining overlying strata repair;  
Loss-reducing mining;  
Multi-element solid waste high-efficiency filling mining;  
Water resources protection in the mining area.

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### Guest Editors

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### Deadline for manuscript submissions

20 August 2025



## Applied Sciences

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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.

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### Editor-in-Chief

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