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## Advances in Mining Technology: The Digital Mine

Guest Editor:

**Dr. Jonathon Ralston**

Integrated Mining Team Leader |  
CSIRO Energy

Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### Message from the Guest Editor

Dear Colleagues,

The ongoing need to deliver improved safety, productivity, and environmental benefits in the mining industry presents an open challenge, as well as a powerful incentive, to develop new and improved solutions. Critical to the success of this initiative is the ability to identify approaches that led to high-value processes across the entire mining value chain to improve resource quality and mining productivity, increase personnel safety, and achieve effective environmental stewardship. This Special Issue invites new contributions in mining sensing, automation and knowledge management advances, with a special emphasis on digitally-enabled technologies towards a fully digital mining ecosystem.

Submission scopes can include:

- Early technology development—sensors, systems and software
- Case studies of digital technology in mining contexts
- Related applications and success in analogous domains
- Industry-focused developments and applications
- Technology roadmaps and future directions



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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