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Advances in Computational Intelligence Applications in the Mining Industry

Guest Editors:

Prof. Dr. Rajive Ganguli

Department of Mining Engineering, University of Utah, Salt Lake City, UT 84112-0102, USA

Dr. Sean Dessureault

The Mosaic Company, Tampa, FL 33605, USA

Dr. Pratt Rogers

Department of Mining Engineering, University of Utah, Salt Lake City, UT 84112-0102, USA

Deadline for manuscript submissions:

closed (17 September 2021)

Message from the Guest Editors

Dear Colleagues,

Computational intelligence (machine learning, deep learning, genetic algorithms, etc.) has really taken off in the mining industry. It is not a new field for mining industry applications. Until now, however, applications were mostly academic. The results of computational intelligence (CI) never made it back to mine sites as there was no real interest. However, this is starting to change. Some mining companies now have analytics teams that apply CI to operational data. They are developing a deeper understanding of the challenges of CI, such as requiring major data structure and maintaining sensor quality. Therefore, in this issue, we would like to compile the state of the art in real-world mining industry applications of CI. What is being applied at mine sites? What real-world tools are being developed for mining industry applications? What is working? Why do you think it is working? What is not working? What are the challenges?

Papers can be on any aspect of the mining industry. They must, however, be about the CI applications. They must describe the application, benefits being seen, and/or the challenges to their deployment or development.











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Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth, Germany

Message from the Editor-in-Chief

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