

Special Issue

Sensors, Robotics and Networks in Mining

Message from the Guest Editors

Mines are vital to the world economy; however, the industry faces challenges due to high costs, a volatile economic environment and more difficult mining conditions. In order to meet these challenges, new technologies have been playing an important role in the mining industry. Modern mining is inseparable from Industry 4.0, which means that Internet of Things and artificial intelligence, etc., will be increasingly applied in all aspects of mining. Communication networks will cover everywhere in the mine sites and processing plants; sensors will therefore be deployed anywhere of interest, and robotics will be widely used to replace workers. I would like to invite all researchers working in the area related to minerals and energy resources sector to submit research papers and critical and insightful review articles for this Special Issue on “Sensors, Robotics and Networks in Mining”. I look forward to reading your contributions.

Guest Editors

Dr. Binghao Li

Prof. Dr. Serkan Saydam

Prof. Dr. Jian Wang

Deadline for manuscript submissions

closed (20 January 2023)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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