Journal of Sustainable Mining is dedicated to the key problems of contemporary mining, for which activities related to sustainable development are a great and important challenge. The mission of this journal is to promote and spread knowledge not only concerning the idea of sustainable development in mining, but most of all, specialist knowledge derived from national and international research as well as technological solutions and methods, in which this vital idea is implemented.

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Today's mining of mineral resources faces the challenges related to the more complex extraction conditions, e.g. great depths, natural hazards, environmental restrictions, which all increase the production costs. This is the reason why a novel approach towards the mining sector focuses on the development of environment friendly, clean technologies of minerals extraction and processing. In this respect much attention is given to the development of Clean Coal Technologies addressing also the increasing demand for energy carriers and the challenges concerning the emission limits in mining and energy sector. Therefore, the papers related to the application of the innovative Clean Coal Technologies, like coal gasification in surface and underground reactors, co-gasification of coal with biomass and waste materials, highly efficient combustion, hydrogenation, polygeneration as well as novel catalysts and thermodynamic aspects of thermochemical conversion of solid fuels are also welcome.

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