

Special Issue

Toxic Mineral Matter in Coal and Coal Combustion Products

Message from the Guest Editors

The toxic mineral matter described here encompasses dissolved toxic salts in the pore water of coal, toxic inorganic elements associated with the organic compounds of coal, as well as toxic discrete crystalline and non-crystalline mineral particles in coal and coal combustion products (CCPs). In many cases, discrete crystalline and non-crystalline mineral particles in coal and CCPs are the carriers of toxic elements. Such toxic components have been reported to have adverse (or potentially) effects on human health and environment during the process of coal mining, coal storage, and utilization (particularly coal combustion). This Special Issue covers basic research, advanced analytical methods, and technological measures for environmental protection related to toxic mineral matter in coal and in CCPs.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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