

Cross-cutting Theme: Geochemistry for Sustainable Society

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Geochemistry has a key role in developing a sustainable society with the solutions to the most important environmental and resource problems. The present work looks at the use of geochemical procedures to address climate change, resource problems and sustainable development. Exploring best practices in mining technologies, carbon capture and storage facilities, and environmental remediation, we constantly search for new ways to achieve lower impacts on the environment. Our results show how geochemical understandings assist in the improvement of technologies of renewable energy, provision of clean water and development of agricultural practices. This work focuses on the future relevance of geochemistry in building a sustainable future in all aspects for humanity.