



Carbon Sequestration

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submissions:

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Message from the Guest Editors

Carbon sequestration is an evolving area in geoscience with the potential for scientific breakthroughs, and one that will become increasingly important as the concentration of atmospheric CO₂ rises. This Special Issue of Geoscience aims to advance the science of “Carbon Sequestration” towards enabling society to make informed decisions on the technical, environmental, economic, and social merits of carbon sequestration strategies. This special issue explores all aspects of carbon sequestration relating to the capture, transportation, storage, and conversion of CO₂, as well as interdisciplinary studies involving policy or economics relating to carbon sequestration. Recognizing the diverse nature of carbon sequestration strategies and technologies, we invite contributions that discuss fundamental processes and emerging strategies, field, laboratory, and modelling studies including, but not limited to, geologic CO₂ storage, mineral carbonation, carbon mineralization, enhanced weathering, biological approaches, use of industrial wastes, ocean-related approaches, and geoengineering strategies.





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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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