



Anthropocene Challenges: Exploitation of Resources vs. Preservation of Natural Systems

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Message from the Guest Editors

Dear Colleagues,

Twentieth-century human development has brought the Earth into a new epoch that has been defined by many researchers as the Anthropocene.

In the Anthropocene, scientists have to face a new and challenging problem: How to support human well-being without compromising the Earth's capacity to provide the resources that human societies need. A pivotal role for this aim is played by the geo scientists involved in deepening the knowledge of our, and other, planets.

This Special Issue focuses on:

- Soil/water management and quality
- Heavy metal pollution, remediation, restoration
- Cohabitation with heavy metals anomalies
- Circular economy: re-utilization of wastes
- New ore deposits and geo-resources
- Renewable energy sources
- Urban geology, smart cities and health
- Environmental resilience





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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