Special Issue

Medical Geology in the Urban Environment

Message from the Guest Editors

Nearly 25% of global disease burden (GDB) is related to natural environmental factors, e.g., exposure to geochemical hazards (contaminated soil, dust, groundwater); land use change; natural resource (mineral) exploitation.

The use (and re-use) of potentially contaminated soil is a vector to spatially distribute legacy contamination around cities. It also provides an exposure route for direct and indirect negative impacts on human health, educational attainment, and general socio-economic micro-environments within urban centers.

The physicochemical sources of contaminants and the local environment can both limit and enhance availability for uptake by humans and subsequently cause harm to health. Understanding these sources plays a key role in understanding the availability of contaminants, their relationship with health and potential routes to mitigate the legacy of contamination in urban settings.

This Special Issue on Medical Geology in the Urban Environment will explore the diverse geochemical and socio-economic impacts of legacy and emerging soil contaminants in cities.

Guest Editors

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

Editor-in-Chief

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