Special Issue

Anthropogenic Pollutants in Environmental Geochemistry (2nd Edition)

Message from the Guest Editors

This Special Issue of *Atmosphere* is concerned with anthropogenic pollutants (APs). APs, including synthetic organic materials and toxic elements, are known to adversely affect human health because of their persistent, bioaccumulative, and toxic characteristics. These APs are therefore found to be geographically distributed, and their fate depends on geochemical conditions. In the context of these concerns, there is a serious lack of monitoring and information on the environmental occurrences and geochemical behaviors of APs and little information on associated exposure and the effects of that exposure on people and ecosystems. The main goal of this Special Issue is to provide informative data to reveal the linkage between the environmental geochemistry of the Earth's surface and the occurrences and fates of APs. Studies related to environmental quality assessment, source appointment, and the transformation pathway of APs as well as to their atmospheric transport/deposition process and historic reconstruction are welcome. Contributions from monitoring programs, field experiments, and associated laboratory/modeling studies are all welcome as well.

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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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