



## Contaminant Migration Processes in the Environment

Guest Editor:

**Dr. Tiziana Missana**

Centro de Investigaciones  
Energéticas Medioambientales y  
Tecnológicas (CIEMAT),  
Department of Environment,  
Avenida Complutense 40, 28040  
Madrid, Spain

Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### Message from the Guest Editor

Dear Colleagues,

The threat that contaminant migration, from polluted sites or waste disposals, may cause to the environment and public health is a problem of concern. Thus, the detailed analysis of all the factors that render toxic substances (such as heavy metals, radionuclides or other pollutants) more mobile and more likely to reach the biosphere is the basis for minimising the associated risks and assessing any management decision.

This Special Issue will cover, in a comprehensive way, all those studies which aim to obtain a solid knowledge of the main processes controlling contaminant behaviour under different environmental conditions. Topics included will also be: (1) Thermodynamic modelling of retention processes; (2) reactive transport modelling; (3) evaluation of competitive/synergetic processes affecting contaminant retention; (4) kinetics and (ir)reversibility of retention processes; (5) effects of physicochemical heterogeneities; and (6) transferability of laboratory data to real systems.

Dr. Tiziana Missana  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Alberto G. Fairén

1. Centro de Astrobiología, CSIC-INTA, Madrid, Spain
2. Department of Astronomy, Cornell University, Ithaca, NY, USA

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.

**Journal Rank:** CiteScore - Q2 (General Earth and Planetary Sciences)

## Contact Us

---

Geosciences Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/geosciences](http://mdpi.com/journal/geosciences)  
[geosciences@mdpi.com](mailto:geosciences@mdpi.com)  
[X@Geosciences\\_OA](https://twitter.com/Geosciences_OA)