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Modelling of Radionuclide Transport in Surface and Ground Waters

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Deadline for manuscript submissions:
31 July 2024

Message from the Guest Editors

The Special Issue of *Water* calls for papers presenting recent advances in modeling radioactivity of natural waters aimed at the following topics:

- Transfer of radionuclides in the soil–water system and the effects of erosion on the washout of radionuclides from catchments.
- Fate and transport of radionuclides in rivers, hyporheic zones, oceans, lakes, reservoirs and groundwater.
- Radionuclides in the coastal zone of the seas, including studies of erosion, transportation, and deposition in the zones of interaction of sea and river waters.
- Aquatic radioecology–radioactivity of freshwaters and marine biota.
- Development of computerized decision support systems based on numerical models forecasting radionuclide fate and transport in hydro-ecological systems.

Papers dealing with the modelling of fate and transport of naturally occurring radionuclides in aquatic systems will also be welcomed.

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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