



Environmental Radioactivity Measurements, Control, Mitigation and Management: Human & Radiation

Guest Editor:

Dr. Amin Shahrokhi

Department of Radiochemistry
and Radioecology, University of
Pannonia, 8200 Veszprém,
Hungary

Deadline for manuscript
submissions:

closed (20 April 2022)

Message from the Guest Editor

Topics of interest include, but are not limited to, the following:

- Radon / Thoron and their decay products. This can include all other related topics such as monitoring, modelling, mitigation, dosimetry, protection, regulations, health, geogenic radon, etc.
- Building materials and their contribution to indoor / outdoor radiation exposure and public health risk assessment.
- Natural background ionizing radiation, e.g., cosmic radiation, airborne radioactive particles, environmental radioactivity, atmospheric radiation, and individual or occupational exposure assessment.
- Airborne/Atmospheric radioactive material dispersion characterization and modelling, including from both natural and/or man-made emission sources.
- The atmospheric behavior, transfer, and distribution of environmental and geogenic radionuclides.
- Applications of radioisotopes as a mechanistic or time-scale tracer tool in environmental monitoring, e.g., predictive modelling, research on climate change, earthquake early warning system, atmospheric circulation, etc.
- Airborne/Atmospheric radioactivity surveillance.





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Editor-in-Chief

Prof. Dr. Ilias Kavouras

Environmental, Occupational,
and Geospatial Health Sciences,
CUNY School of Public Health,
New York, NY 10027, USA

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!

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Contact Us

Atmosphere Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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