

Special Issue

Atmospheric Radon Concentration Monitoring and Measurements

Message from the Guest Editors

Radon is a naturally occurring noble radioactive gas, which has been epidemiologically approved to be one of the leading causes of lung cancer for the general population. In addition, its unique physical and chemical characteristics make it an effective tracer gas in many research fields, such as atmospheric transport and mixing processes, simulation and estimation of the fluxes of greenhouse gasses. So, radon has long been a species of interest in radiological protection, air quality and climate change research communities worldwide.

This Special Issue aims to collect recent comprehensive achievements related to all aspects of atmospheric radon and thoron research, level and variation of radon and thoron concentration, monitoring and measurement methods and techniques, models for radon applications as a tracer in atmospheric and environmental science, etc. A traceability system should also be included for measurement quality control.

We look forward to your submissions. The Special Issue will promote the development of the research field of atmospheric radon.

Guest Editors

Prof. Dr. Qiuju Guo

Laboratory of Radiation Protection and Environmental Radioactivity,
School of Physics, Peking University, Beijing, China

Dr. Mirosław Janik

Center for Advanced Radiation Medicine, The National Institutes for
Quantum and Radiological Science and Technology (QST), Chiba 263-
8555, Japan

Deadline for manuscript submissions

closed (31 December 2023)



Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



mdpi.com/si/153616

Atmosphere
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

[mdpi.com/journal/
atmosphere](https://mdpi.com/journal/atmosphere)





Atmosphere

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.9



[mdpi.com/journal/
atmosphere](https://mdpi.com/journal/atmosphere)



About the Journal

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

Dr. Daniele Contini

Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q2 (Environmental Science (miscellaneous))