

Special Issue

Effects of Climate Change on Indoor and Environmental Radioactivity

Message from the Guest Editors

Climate change is an ongoing environmental change at a global scale that can alter radioactivity distributions in diverse environments because it can affect the sources, transport characteristics, and behavior of radionuclides. Climate-change-induced variations in the atmosphere, hydrosphere, cryosphere, biosphere, geosphere, and anthrosphere can change the release, diffusion, advection, atmospheric chemistry, water chemistry, geochemistry, and biochemistry of radionuclides in environments, as well as bioaccumulation and biomagnification in ecosystems. It is therefore important to better understand the effects of climate-change-induced variations on indoor and environmental radioactivity and subsequent impacts to better protect public health and ecosystems from radiation exposure. This Special Issue aims to explore and understand links between climate change and radiation-induced risks in indoor and natural environments and assess their potential impact on human society and ecosystems to promote environmental and ecological sustainability.

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