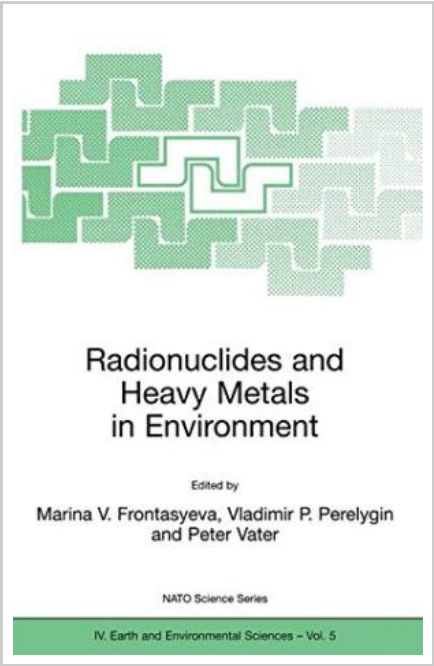

Radionuclides and Heavy Metals in Environment (NATO SCIENCE SERIES: IV: Earth and Environmental

By -

Springer. Hardcover. Book Condition: New. This item is printed on demand. Hardcover. 408 pages. The environment contains an abundance of man-made and natural radionuclides, as well as polluting heavy metals. Their accumulation and the inevitable adverse impact on human health is a matter for serious international concern. Such modern environmental problems are reviewed in an integrated fashion here. The books highlights are: The accumulation of actinide nuclei in the human body. New data on Pu and Am in some of the most seriously damaged regions of Russia, Belorussia, Ukraine and Kazakhstan. Fundamental and applied aspects of heavy metal waste deposits. Advances in analytical techniques (NAA, XRF, ICP-MS, AAS, PIXE, HPLC). The use of mosses and lichens to study heavy metal atmospheric deposition. Research on toxicology, food and nutrition, speciation and scalp hair as a biological indicator. New model of the Earths crust allowing the reconstruction of the real origin of seismic catastrophes. A real possibility to predict earthquake or volcanic activity by studying radon gas, gamma and neutron activity in combination with hydrogen and helium isotope flow and complemented by satellite data on the state of the ionosphere. Recent data on accelerator driven transmutation experiments (protons accelerated as JINR Synchrophasotron...

Reviews

Thorough information! Its this kind of very good read. It is writter in basic words and not hard to understand. You wont feel monotony at anytime of your respective time (that's what catalogues are for regarding should you question me).

-- ***Roel Bogisich Sr.***

I actually started out looking at this publication. it was actually writtern really perfectly and useful. Its been written in an extremely simple way and it is only soon after i finished reading through this pdf by which really modified me, change the way i really believe.

-- ***Breanna Kerluke***