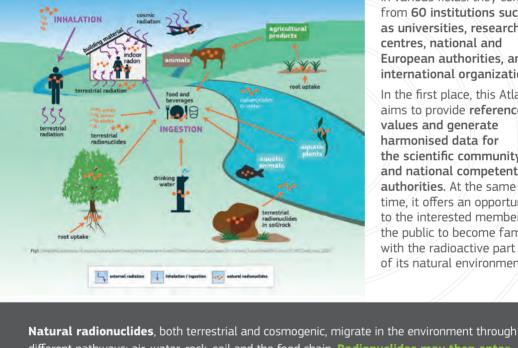


Do you know what natural ionising radiation is?

Where can you find natural sources of radiation?

What are the levels of natural sources of radiation in Europe?

Do you know the pathways of ionising radiation?



dose rate map (nGy/h)

Info about the Atlas

Intended as an encyclopaedia on natural radioactivity, the **European Atlas of Natural** Radiation explains its different sources, i.e. cosmic and terrestrial radiation, and describes the current state-of-the art of knowledge by means of ample text, graphics and maps. It has turned into a

comprehensive compilation of contributions and reviews received from 100 experts in various fields: they come from 60 institutions such as universities, research centres, national and European authorities. international organizations In the first place, this Atlas

aims to provide reference

values and generate harmonised data for the scientific community and national competent authorities. At the same time, it offers an opportunity to the interested members of the public to become familiar with the radioactive part of its natural environment.

different pathways: air, water, rock, soil and the food chain. Radionuclides may then enter the human body through ingestion and inhalation giving, so called, internal exposure. External exposure is due to cosmic radiation and radiation from terrestrial radionuclides present in soil, rocks and building materials. European terrestrial gamma

that a person would receive from terrestrial radiation, if she/he spends all the reference time in a location outdoor in which the soil has fixed U, Th and K concentrations. Source: EANR, EC-JRC, 2019.

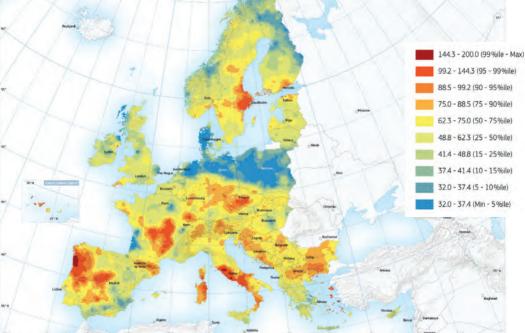
The map shows the dose rate, in nGy/h,

follows: European Commission, Joint Research Centre – Cinelli, G., De Cort, M. & Tollefsen, T. (Eds.):

of Natural Radiation, please cite as

To refer to this the **European Atlas**

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