

International School on Nuclear Methods for Environmental and Life Science



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SOURCES AND TRANSFER OF RADIONUCLIDES IN THE TERRESTRIAL ENVIRONMENT

Natural and anthropogenic sources of radionuclides in the terrestrial environment. Importance of chemical speciation of radionuclides for their distribution in terrestrial ecosystems and their transfer in food chains. Influence of precipitation chemistry on

the fate of airborne radionuclides in the terrestrial environment. Relative contributions

of ^{137}Cs and $^{239-240}\text{Pu}$ from atmospheric nuclear weapons tests and the Chernobyl reactor accident as evident from field studies in Norway.

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