

UNSCEAR Project Public Exposure **RADON**

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Objectives

Assessment of the worldwide exposure of the public from

- radon indoors
- radon outdoors
- thoron indoors
- thoron outdoors
- radon in drinking water



basis are data from surveys ->
questionnaire + literature review

In addition, assessment of other factors like

- equilibrium factor (radon, thoron)
- occupancy
- trends in radon exposure
- etc



from literature review

Requested Data

- ↪ Please provide data from **surveys** (national and/or regional)
 - project data like period when survey was conducted, purpose, area covered, measured parameter (gas/progeny), number of measurement sites, type of measurement device
 - results as arithmetic mean, standard deviation, geometric mean, median, geometric standard deviation

- ↪ Please provide data from **all** surveys in your country (also before 2007)

- ↪ Under „References“, please state all reports and publications that provide more details on the survey

Radon (Rn-222) in air indoor	
Survey/Project	
Title	
Period when survey/project was conducted:	From (YYYY) To (YYYY)
Purpose of the survey/project (e.g. evaluation of the radon exposure of the population, delineation of radon prone areas)	
Area (country or region/area)	
If region/area, please specify	
If region/area, please give the number of inhabitants	
Is the region/area radon prone?	
Measured parameter (gas, progeny)	
Number of measurement sites (e.g. households, dwellings, workplaces)	
Duration of the measurements (in days)	
Seasonal correction	
Type of measurement device(s)	
Assessment of thoron-sensitivity of radon measurement devices used	
Calculation method of mean of survey (e.g. population-weighted)	
Arithmetic mean	[Bq/m ³]
Standard deviation	[Bq/m ³]
Geometric mean	[Bq/m ³]
Median	[Bq/m ³]
Geometric standard deviation	[Bq/m ³]
References to reports and publications (Web links and files as attachments will be appreciated. File attachments can be uploaded as additional material on the platform.)	