



UNSCEAR

United Nations Scientific Committee
on the Effects of Atomic Radiation



UN
environment

United Nations
Environment Programme

Topical Webinars for National Contact Persons

UNSCEAR Global Survey on Public Exposure to Ionizing Radiation

M Balonov and B. Batandjieva-Metcalf

May 2021

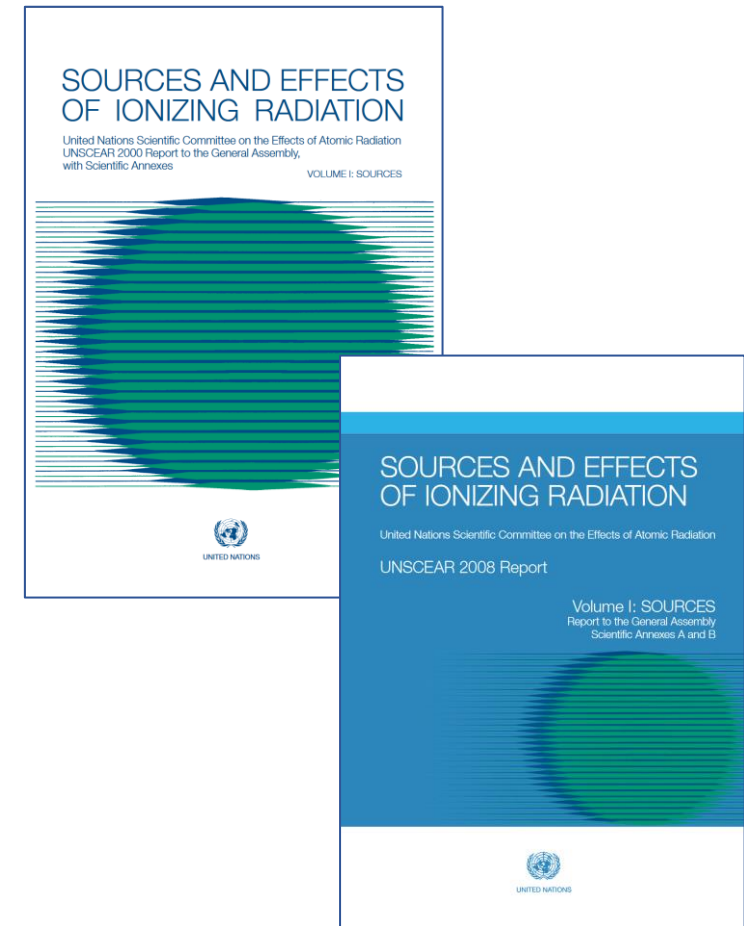


UNSCLEAR

United Nations Scientific Committee
on the Effects of Atomic Radiation

The Public Exposure Project

- Follow-up of UNSCEAR 2008, 2000 and earlier similar projects
- Duration: 2020-2024
- Survey: 2007-2020
- Expert group and observers:
over 49 persons from 22 MSs and
4 international organizations (EC, IAEA,
NEA, WHO)





The Public Exposure Project

- To review the latest science and data on:
 - NORM (except Radon) – SG2 – J.C Mora (Spain)
 - Radon and its daughters – SG3 – W. Ringer (Austria)
 - Discharges of nuclear industry – SG4/5 - C Robinson (Norway) / T Cabianca (UK)
 - Other applications of radiation sources - SG6 - V. Berkovskyy (Ukraine)
 - Legacy sites from past practices and accidents – SG7 - C. Lawrence (Australia)
- SG1 – Quality criteria, uncertainties – H. Grogan (USA)



Evaluation

- Literature review 2007-2022
- Aim for balanced representation of all 193 UN MS
- Survey – 2007-2020
 - 100 NCPs
 - Takes account of Committees feedback
 - Ad-hoc working group of sources and exposures (Nov 2020)
 - 1 March – 30 Sept 2021
 - 2 webinars conducted (March 16, 24), more requested by NCPs, 9 planned for May 2021

<https://www.unscear.org/docs/surveys/unscear-ncp-list.pdf>



Survey

- Important to focus on key and most relevant data
- Questionnaires (essential data and supplementary data) - SG2 and SG3 revision (May 2021)
- Some quality data (e.g. period) better than none
- References and reports are welcome in electronic format
- If earlier reports (e.g. natural background) are relevant acceptable
- Confidentiality
- MS communication via NCP (other experts have supporting role)
- NCP data checking – 2023
- Q A living document - <http://survey.unscear.org/doku.php/help>



UNSCEAR

United Nations Scientific Committee
on the Effects of Atomic Radiation



Questions and answers:

- Survey platform

<http://www.survey.unscear.org/doku.php>

- Email

unscear-survey@un.org