15th International Congress of the International Radiation Protection Association

Workshop: UNSCEAR Global Survey on Radiation Exposure

UNSCERAR Global Surveys on radiation exposure – including practical demonstration of the UNSCEAR online platform for data collection

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UNSCEAR’s strategy to improve data collection (major elements)

• Collaboration with international organizations (IAEA, ICAO, ILO, WHO, EC, NEA, IRPA and others)

• Network of national contact persons
  • Nomination ONLY via official channels
  • Additional experts can be registered to online platform

• Online platform for data collection/archiving
  • Medical exposure (2014)
  • Occupational exposure (2016)
  • Public exposure (2021)
UNSCEAR National Contact Persons

97 countries officially nominated (November 2020)
UNSCEAR’s National Contact Persons (NCP): 

- Coordinating the data collection at the country level and with UNSCEAR
- Cooperating with technical experts to fill in UNSCEAR questionnaires
- Submitting data officially via the UNSCEAR online platform
- Providing valued supporting information
- Fostering involvement from Member States by raising awareness of UNSCEAR’s Global Survey
- NCPs and all other experts are acknowledged in relevant UNSCEAR Reports to the General Assembly
UNSCEAR Surveys of Global Radiation Exposure

The secretariat of the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) collects and analyses data on the global and regional levels and trends of human exposure to ionizing radiation. In 2014, it launched the UNSCEAR online platform, which is an electronic web-based database with an automatic importing module for submission of data.

Also in 2014, the UNSCEAR secretariat and the World Health Organization have coordinated arrangements for conducting the UNSCEAR Global Medical Exposure Survey. Information on levels and trends of radiation exposure in medicine since 2006 are collected to expand the previous UNSCEAR 2008 evaluation. Further, the UNSCEAR Global Occupational Exposure Survey was launched in 2010 to provide worldwide information regarding the use and management of radiation exposure at workplaces.

National Contact Person (NCP)

The General Assembly of the United Nations invited all Member States to provide UNSCEAR with relevant data about doses from various sources of radiation. The UNSCEAR secretariat solicited information from designated National Contact Persons (NCP) for the Committee as officially communicated in the Latest Verbales CU 2014/182 (August 2014), CU 2016/329 (August 2016), CU 2017/311 (August 2017) and CU 2018/73 (February 2018). Thus, Governments are requested to communicate to the UNSCEAR secretariat the name and contact details (including email address) of the official designated NCP who is responsible for the official submission of data to the UNSCEAR secretariat.

Nominated NCPs are required to register to be able to access the UNSCEAR online platform, which fosters secure submission and exchange of data. Additional national experts can be registered to assist the NCP at country level to collect the requested information and data on radiation exposures of the general public, workers and patients.

UNSCEAR’s surveys questionnaires

All Member States are invited to provide some data and information and to contribute to the worldwide estimate of levels of radiological exposure. Technically, these surveys are made through spreadsheet questionnaires, each consists of several worksheets in order to collect data on medical and occupational exposure separately. Recognizing that some countries may not have such detailed information, UNSCEAR has developed a simplified questionnaire, in which essential and most recent data is requested. The competition and submission of the simplified and the detailed questionnaires is required on regular base.

All contributions will be acknowledged in the relevant reports to the UN General Assembly. UN Member States that have already nominated an NCP and submitted data to UNSCEAR’s Global Surveys are listed here.

https://www.unscear.org/unscear/en/about_us/surveys.html
• **UNSCEAR’s online platform**
  • Questionnaires available if form of electronic spreadsheets
  • Used for submission of official data as well as supporting material
  • NCPs and technical experts are required to register to the platform
  • NCPs and technical experts access own country page only
  • UNSCEAR check the quality of data before importing to database
  • Platform allows communication via discussion forum
  • Submitted data remain records
UNSCEAR’s Global Survey of Radiation Exposure

The United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR), established by the United Nations General Assembly in 1955 to assess and report levels and effects of all sources of ionizing radiation conducts regular surveys of radiation exposure worldwide.

The UNSCEAR online platform is to support governments and international organizations to provide national and regional data on radiation exposure of the public, workers and patients.

National Contact Persons (NCPs) are invited to register here to be able to access the protected area before they can download the questionnaires for official data submission. Additional national experts can be registered to support the NCPs. All contributions will be acknowledged by UNSCEAR in the relevant report to the UN General Assembly.

UNSCEAR is grateful to the (World Health Organization) for establishing arrangements for cooperation which resulted in developing a common medical radiation questionnaire for the survey and to the (European Commission) for permitting the use of the outcomes of the (DoseDataMed II project). Further, UNSCEAR thanks the (International Atomic Energy Agency) and the (International Labour Organization) for the cooperation on the public and occupational radiation exposure surveys, respectively.

Please read further instructions, background information and help if you are interested in using this platform.
Registration of users

Please fill in the information requested below to register on the UNSCEAR online platform. UNSCEAR needs to validate your request before you will be able to use the system. The validation process could take some time.

DATA PROTECTION POLICY

When registering to the UNSCEAR online platform, personal data will be processed and stored by the UNSCEAR secretariat for the duration necessary for the fulfillment of the purpose of contributing to UNSCEAR’s Global Survey of Radiation Exposure. The legal basis for processing your personal data is your consent.

Make sure you supply a valid e-mail address as it will be used as login identification and for providing your password.
Welcome to the UNSCEAR online platform for data collection

As a registered user, you can access to the surveys available to you on the left navigation bar under "My Surveys".

Each survey has a dedicated homepage to group each countries submissions and discussions. For users with special functions, like reviewing of submitted data, dedicated work areas are as well accessible on this navigation bar.
Austria (Public 2020; ISO Number 040)

Below are the template files (questionnaires) of UNSCEAR's Global Survey on Public Exposure. These are generated with your country-specific ISO number to subsequently allow an automated import to the UNSCEAR database.

Please use the discussion area at the bottom of the page for feedback or questions related to the data submission or collection.

Download template files

Please download your country-specific template files in order to provide data even if the information is not complete.

The questionnaires will be available soon.

Page generated 15:52 18-September-2020

Discussion area

Enter your comments here:
Luxembourg (Medical 2014; ISO Number 442)

Below are the template files (questionnaires) of UNSCEAR’s Global Radiation Exposure Survey. These are generated with your country-specific ISO number to subsequently allow an automated import to the UNSCEAR database.

Please use the discussion area at the bottom of the page for feedback or questions related to the data submission or collection.

Download template files

Please download your country-specific template files in order to provide data (dosimetric, frequency or age distribution) even if the information is not complete.

- luxembourg_unscear_questionnaire_dosimetric_and_interventional_radiology_v1_0p.xlsx
- luxembourg_unscear_questionnaire_mammography_v1_0p.xlsx
- luxembourg_unscear_questionnaire_radiosurgery_v1_0p.xlsx

- Do not modify the structure of the template files as the data import will be automated and any change might influence this process.
- Do not modify the names of the template files. However, additions to the ending (suffix) are allowed (e.g. date, initiative).
Luxembourg (Medical 2014; ISO Number 442)

Upload data files

Please upload the file(s) using the file upload function below.

File upload

Select file to upload: Choose File No file chosen

Overwrite existing file: Upload

The uploaded data will be reviewed by an UNSCEAR expert group. This might take some time. You will be notified by e-mail when the data has been successfully imported to the UNSCEAR database or if any errors have occurred.

Uploaded

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Instructions

This platform manages the official submissions to UNSCEAR’s Global Surveys of Radiation Exposure. Guidance in completing the survey questionnaires are available in dedicated User Manuals:

- User Manual for Medical Exposure
- User Manual for Occupational Exposure

1. Registration

To be able to access the protected area, it is necessary to register on this platform first. Please click the "Register" button at the top right of the screen. Registration is open to all those responsible for providing data to UNSCEAR’s Global Radiation Exposure Surveys. You are asked to register using a valid email address and details about your institution and profession. Also, you have to indicate the country for which you are providing data. Official submission of data is only allowed by a National Contact Person (NCP), who needs to be nominated to UNSCEAR via official channels. Furthermore, it is possible to register other persons (experts) to support their NCP. They don’t need to be nominated but should provide their contact details and indicate their specialization.

If you have any questions in this regard, please contact us.

Once you have registered, you will receive a confirmation email.
Thank you for your attention!