



United Nations Scientific Committee
on the Effects of Atomic Radiation

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**Preparing a scientific report to the
General Assembly on “Exposures due
to the nuclear power plant accident
following the Great East-Japan
earthquakes and tsunami” –the
current status of UNSCEAR activities.**

International Expert Symposium in Fukushima, Sept 11-12 2011





Scope of the report

1. The report will estimate doses for different population groups inside and outside of Japan, using available data and information, obtained through official channels, published in the open literature, or from other sources where the quality of the information can be assured.
2. The report will not address policy matters or identify lessons to be learned with respect to nuclear safety, radiation protection, environmental protection, emergency preparedness and response, or public health actions.



Scope of the report

3. A detailed dose assessment will be conducted for the first year based on measurements made in the first year and state-of-the-art models. Projections for indicative doses in coming years will be made based on past scientific knowledge.
4. Uncertainty/sensitivity analyses will be performed, as appropriate, to allow the Committee to make qualitative statements of the confidence in its conclusions.

Deliverables

1. A Interim Report will be incorporated into the report of the 59th session of UNSCEAR to the General Assembly (2012), informing about progress and with preliminary findings;
2. The Main Scientific Report (representing a scientific annex to the key findings reported to the General Assembly) will be written for a scientific audience that is not knowledgeable about ionizing radiation (20-30 pages);
3. Detailed scientific appendices, written for a scientific audience who are familiar with radiation sources, dosimetry and health effects assessments (100-150 pages in total with additional material, such as datasheets, on CD-ROM and on the website) will be developed.

Objective of the report

Areas of questions to be address :

Source term

Environmental dispersion

Public

Workers

Effects on the natural environment

General aspects

Organization of the Work

The following groups are envisaged:

1. **Coordination Group: Coordination of work**
2. **Expert Group A: Data compilation, screening, quality assurance, documentation**
3. **Expert Group B: Radionuclide releases and dispersion**
4. **Expert Group C: Worker doses and health effects**
5. **Expert Group D: Dose and risk assessment (humans & non-humans)**

International Organizations:

IAEA, WHO, IARC, CTBTO, WMO, FAO

Management Structure

	Chair	Co-Chair
Coordination Group	Wolfgang Weiss Federal Office for Radiation Protection; Germany	Yoshiharu Yonekura National Institute for Radiation Science, Japan
Group A	Vincent Holahan U.S. Nuclear Regulatory Commission	Masanao Nakano Japan Atomic Energy Agency
Group B	Gerald Kirchner Federal Office for Radiation Protection; Germany	Jun Sugimoto Kyoto University, Japan
Group C	Jean-René Jourdain Institute for Radiological Protection and Nuclear Safety, France	Nobuhiko Ban Tokyo Healthcare University, Japan
Group D	Stephen Solomon Radiation Health Services Branch, Australia	Makoto Akashi National Institute for Radiation Science, Japan



Project status

A list of data requirements has been developed and the majority of the data will be made available by the Japanese colleagues (NIRS; NSC).

More than 60 experts from 15 states worldwide will contribute to the work on a voluntary basis.

There will be a kick-off meeting end of September to start work.

Outlook

