



United Nations Scientific Committee  
on the Effects of Atomic Radiation

unscear.org

# UNSCEAR activities and issues

IACRS, ILO, Geneva, 12-13 May 2011

# Recent publications

## SOURCES AND EFFECTS OF IONIZING RADIATION

United Nations Scientific Committee on the Effects of Atomic Radiation

UNSCEAR 2008 Report

Volume II: EFFECTS  
Scientific Annexes C, D and E



UNITED NATIONS

- July 2008, summary report to General Assembly (A/63/46) and five scientific annexes for publication
  - Volume I: (published April 2010)
    - Medical exposures
    - Public and occupational exposures
  - Volume II: (published April 2011)
    - Exposures in accidents
    - Radiation effects of Chernobyl accident
    - Effects on non-human biota

# UNSCEAR 2010 Report

- About to be published (press briefing 23 May)
- Summary of low-dose radiation effects on health
  - Radiation-induced cancer
  - Hereditary effects of radiation exposure
  - Radiation-associated non-cancer disease
- Report recapitulates and integrates conclusions of relevant scientific annexes over the last six years

# Strategic plan 2009-2013

# Strategic plan 2009-2013

- Strategic objective:
  - Increase awareness and deepen understanding among authorities, scientific community and civil society with regard to levels of radiation and related health and environmental effects as sound basis for informed decision-making on radiation-related issues
- Thematic priorities:
  - Medical exposures (MoU with WHO and IAEA, DoseDataMed)
  - Radiation levels from energy production
  - Natural sources (IAEA DIRATA)
  - Effects from low-dose-rate exposures
- Strategic shifts to improve:
  - Operational processes
  - Data management (Databases)
  - Results-based management and coordination
  - Outreach (Brochure, Web, Press releases, Lecture materials)
- Filled the position of Scientific Officer at P4 level since March 2011



# 58th UNSCEAR session (23-27 May 2011)

# Topics for the 58<sup>th</sup> UNSCEAR session (23-27 May 2011)

## **1. Technical discussions:**

- (a) Ability to attribute risks and effects to radiation exposure;
- (b) Uncertainties in risk estimates for cancer due to radiation exposure;
- (c) Radiation exposures from electricity generation;
- (d) Methodology for estimating human exposures due to discharges;
- (e) Biological effects of selected internal emitters.

## **2. Consideration of reports by the secretariat:**

- (a) Public information and outreach;
- (b) Improving collection, analysis and dissemination of exposure data
- (c) Effects of atomic radiation in the Republic of the Marshall Islands

## **3. Recommendations for future programme of work:**

- (a) Radiation risks and effects in children;
- (b) Epidemiology related to environmental sources at low doses and low dose rates;
- (c) New proposals (Fukushima-Daiichi assessment).

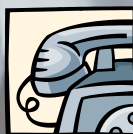
## **4. Preparation of report to the General Assembly**



# Contact details



**Malcolm Crick**  
**Secretary of UNSCEAR**  
**Vienna International Centre**  
**Wagramerstrasse 5**  
**P O Box 500**  
**A-1400 Wien, AUSTRIA**



**Tel: +43-1-26060-4330**  
**Fax: +43-1-26060-7-4330**



**mail: [malcolm.crick@unscear.org](mailto:malcolm.crick@unscear.org)**  
**Web: [www.unscear.org](http://www.unscear.org)**