UNSCEAR activities and issues

IACRS, ILO, Geneva, 12-13 May 2011
Recent publications
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
  - Hereditable 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 58th 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
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