



United Nations Scientific Committee
on the Effects of Atomic Radiation



**International Conference on
Occupational Radiation Protection:
Enhancing the Protection of Workers —
Gaps, Challenges and Developments**

**UNSCEAR's activities related to
occupational radiation protection
and main challenges for the future**

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EVALUATING RADIATION SCIENCE FOR INFORMED DECISION-MAKING

unscear.org



UNSCEAR's mandate



- Established by UN General Assembly (GA) resolution in 1955
- **Assess levels, effects & risks of ionizing radiation**
- Scientists from 27 UN Member States
- Other states & organizations provide relevant data



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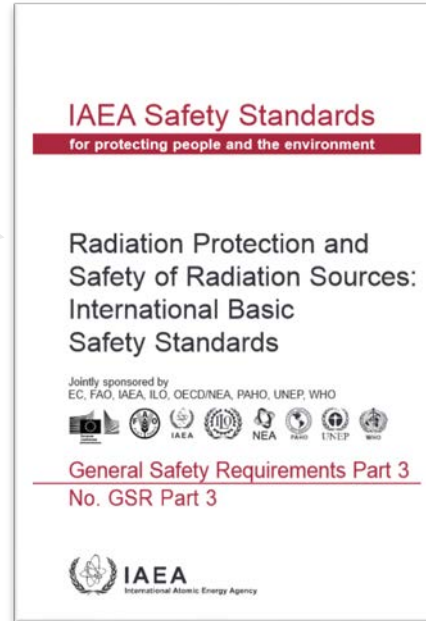


Science underpins protection

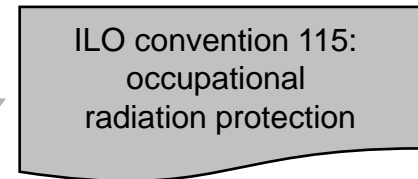


UNSCEAR
Scientific basis

*issues
levels
impact
trends*



*Implemented by
Member States*



IAEA, WHO, ILO, FAO etc.
-Safety standards
-Protection programmes



UNSCEAR Reports relevant for ORP



UNSCEAR 2000 Report

- Occupational radiation exposures

UNSCEAR 2006 Report

- Epidemiological evaluation of cardiovascular diseases and other non-cancer diseases following radiation exposure
- Sources-to-effects assessment for radon in homes and workplaces

UNSCEAR 2008 Report

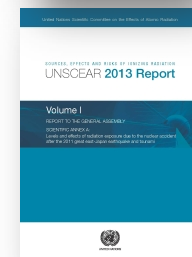
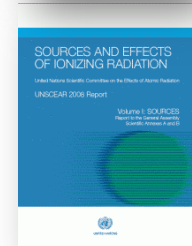
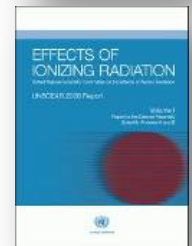
- Exposures of the public and workers from various sources of radiation
- Health effects due to radiation from the Chernobyl accident
- Radiation exposures in accidents

UNSCEAR 2012 Report (TBP)

- Ability to attribute effects to radiation exposure and inference of risk
- Uncertainty in cancer risk estimates

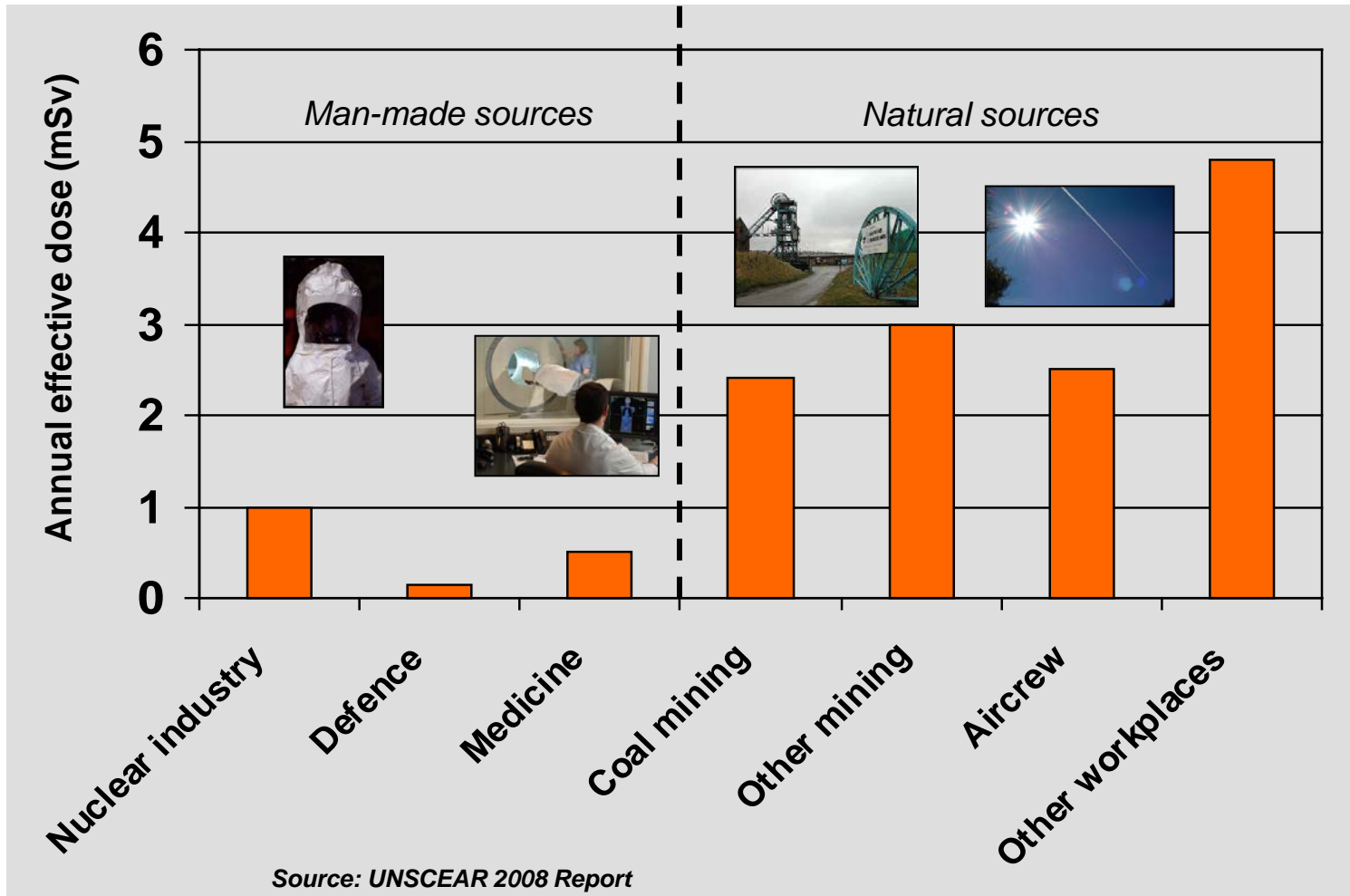
UNSCEAR 2013

- Levels and effects of radiation exposure due to the nuclear accident after the 2011 great east-Japan earthquake and tsunami
 - Appendix D: Assessment of doses to workers



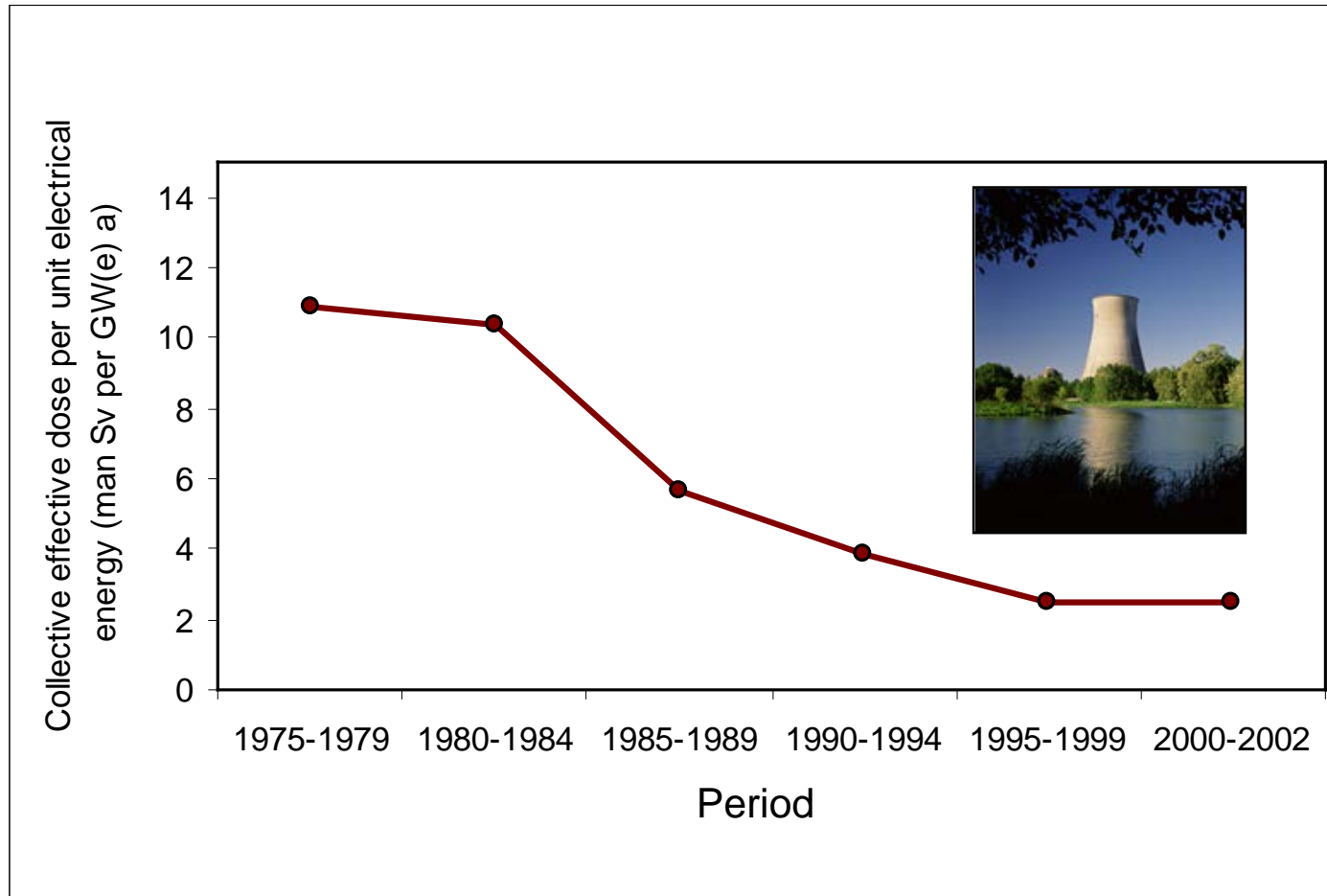


Occupational exposures








Occupational exposures at reactors





UNSCEAR's exposure surveys



- Online platform for data collection/archiving
 - Medical exposure (2014) 
 - **Occupational exposure (2015)** 
 - Public exposure (2015/2016) 
- Network of **national contact persons**
 - Nomination ONLY via official channels
 - Additional experts can be registered to online platform
- Collaboration with international bodies
(**IAEA**, **ILO**, UNEP, WHO, **EC**, **NEA**, IRPA and others)



UNSCEAR's publications



Printed version can be ordered from
<https://unp.un.org>

Electronic version for free download
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Thank you for your attention!

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