

ICRP Committee 1 Meeting

9, 14, & 15 April 2026 – virtual meeting

The C1 Spring meeting was held online, over three separate sessions in April 2026. The meeting was organised by D Laurier, G Woloschak and E Ainsbury. Almost all C1 members attended (fully/partially). C1 includes 18 members from 10 countries with expertise in biology, genetics, human medicine, mathematics and statistics, physics and dosimetry, epidemiology, and radioecology. The observers from IAEA, MELODI, UNSCEAR, IARC and WHO were also invited, as were colleagues from the Main Commission and other Committees, for topics of joint interest.

Update on Task Groups

TG91 Radiation Risk Inference at Low-dose and Low-dose Rate Exposure for Radiological Protection

Purposes: Use of Dose and Dose Rate Effectiveness Factors (Chair W Rühm). The report is now finalised and is scheduled for publication in 2026.

TG99 Considering the Environment When Applying the System of Radiological Protection: Part 1 Broadening the Reference Animals and Plants Approach and Related Derived Consideration Reference Levels (Co-Chairs C Garnier-Laplace and Christelle Adam-Guillermin). The report is now finalised and is scheduled for publication in 2026.

TG111 Factors Governing the Individual Response of Humans to Ionizing Radiation (Chair S Bouffler). The public consultation on the draft report was completed in May 2026.

TG115 Risk and Dose Assessment for Radiological Protection of Astronauts (Chair W Rühm). A draft report for public consultation is expected in late 2026.

TG118 Relative Biological Effectiveness (RBE), Quality Factor (Q), and Radiation Weighting Factor (wR) (Chair G Woloschak). A draft report for review by the critical reviewers is expected in 2027.

TG119 Effects of Ionising Radiation on Diseases of the Circulatory System and their Consideration in the System of Radiological Protection (Co-Chairs N Hamada and D Laurier). Work is progressing well and collaboration with the UNSCEAR CircuDis expert group continues. A draft report for review by the critical reviewers expected in 2027.

TG121 Radiation-Induced Effects on Offspring and Future Generations (Co-Chairs R Wakeford and P Hande). A draft report for review by the critical reviewers expected in 2027.

TG122 Review of cancer risk models and non-radiation-related parameters and data for detriment calculation (Co-Chairs R Wakeford and L Vaillant). A draft for review by the critical reviewers is expected in 2027.

TG123 Classification of harmful radiation induced effects in human health for radiological protection purposes (Chair L Vaillant, Co-Chairs L Ainsbury and F Zölzer). Development of the report is progressing well.

TG128 Individualisation and Stratification in RP: Implications and Areas of Application (Chair S Bouffler). Development of the report is progressing well.

Other Topics Discussed During the Meeting

Additional discussed topics included several recent important publications and workshops, ICRP outreach activities, the **Working Parties on AI, Dose Limits, Uncertainties, the SDGs and New Therapies**, as well as the **Strategic Planning Group for Next General Recommendations**.

The next meeting of Committee 1 will take place at RERF in Hiroshima in Autumn 2026.