

ICRP Committee 5 Meeting

October 6–7, 2016 – Aomori, Japan

The draft report of Task Group 74 on **More Realistic Dosimetry for Non-human Species**, finished public consultation on October 7, 2016. Three sets of comments were received. These will be addressed, and the report should be published in 2017. The draft report of Task Group 72 on **RBE and Reference Animals and Plants** was sent to the Main Commission for review.

Committee 5 discussed the ongoing efforts of Task Group 99 on **Reference Animals and Plants (RAPs) Monographs** following a meeting at Oxford during the European Radiological Protection Research week. Proposed scenarios to be considered by the Task Group were discussed, as was the approach proposed for evaluating data used with Derived Consideration Reference Levels. It was also determined that biological information at the level of family will be used as the basis for comparing RAPs to the wider range of organisms in wildlife groups. A meeting of members of Task Group 99 is planned to be held in Bruges, Belgium at the time of the COMET meeting in April, 2017.

A proposed **Task Group on Application** was reviewed by Committee 5 Secretary David Copplestone. Agreement was reached in consultation with Committee 4, and a determination was made to proceed to submit the Terms of Reference to Main Commission for approval.

Committee 5 members discussed the ongoing efforts within ICRP to examine the Dose and Dose-rate Effectiveness Factor (DDREF). It was noted that the results of this work could be significant as Committee 5 attempts to transform data from dose rate to dose in an effort to incorporate additional acute effects data.

The Committee reviewed other issues, including the **national, European and International developments** that have occurred in the last year in relation to radiological protection of the environment.

Committee members participated in the **Joint IES – ICRP Symposium on Environmental Protection within the ICRP System of Radiological Protection**, organised in conjunction with and supported by the Institute of Environmental Sciences, held in Rokkasho, Aomori, Japan on October 4, 2016. Kathryn Higley made a presentation on **Brief overview of the role of ICRP and where Committee 5 fits within this structure**; David Copplestone presented **The concept of protection of the Environment and C5 current approach, Transfer of radionuclides**, and **System for radiological protection of the environment (i.e. existing, planned and emergency)**; Almudena Real presented **RBE weight absorbed dose**; Alexander Ulanovsky presented on **Dosimetry**; and Jacqueline Garnier-Laplace on **Effects**.