

ICRP Committee 5 Meeting

October 21 and 25-27, 2013 – Abu Dhabi, UAE

Preparation of Committee 5 **(C5) work programme** for the next term (2013-2017). The work will be focused in two main issues:

(1) RAPs monographs (overview)¹. The aim is to compile and analyse the available information on the Reference Animals and Plants (RAPs), to recommend reference values for each of them (for use in application) TBC in March based on discussion of available information/likely changes needed etc.

In a 1st step a scoping exercise will be made, analysing available information on RAPs regarding biological effects, transfer factors and dosimetry (March 2014). *The 2nd step will be to elaborate the monographs of the different RAPs or groups of RAPs, which will include information related to life history and biology, dosimetry, background radiation doses, transfer factors, and biological effects.*

(2) Application. An initial analysis of what and who need to apply the system, for the 3 exposure situations, will be performed. Having this information will allow C5, in collaboration with C4, to identify the gaps to apply the ICRP system. Examples of scenarios for planned, existing and emergency exposure situations will be chosen to test the application of the RAPs. By the end of the term (2017), the C5 will **provide recommendations on how to conduct risk assessments** to feed into future updates of IAEA documents or guidance.

Two publications are expected for 2014: **RBE and Reference Animals and Plants** (Task Group (TG) 72) and **More realistic dosimetry of Reference Animals and Plants** (TG74).

C5 is working to **consolidate a list of research needs** in the field of radiation protection of the environment. As soon as the list is ready, it will be available in the web page of the ICRP.

In relation to the **collaborations of C5 with other ICRP Committees**, Kazuo Sakai is member of TG91 (Radiation Risk Inference at Low-dose and Low-dose Rate Exposure for Radiological Protection Purposes). Almudena Real is a member of TG92 (Terminology and Definitions).

¹ Please note that the term “Monograph” is used to help guide C5 work programme and does not necessarily mean that 12 individual reports will be produced.