

MEETING NOTES

of the Consultants' Service held to develop and review the draft Handbook on
Environmental Transfer Parameters for Non-Human Biota Meeting
held at IAEA Headquarters, Vienna
18–20 November 2008

Attending	
Name / Initials / Email	Organization / Country
Mr Nicholas A. Beresford (nab@ceh.ac.uk)	Centre for Ecology & Hydrology (CEH), UK
Mr Justin Brown (justin.brown@nrpa.no)	Norwegian Radiation Protection Authority (NRPA), Norway
Mr David Copplestone (david.copplestone@environment-agency.gov.uk)	The Environment Agency, UK
Ms Kathryn Higley (kathryn.higley@oregonstate.edu)	Oregon State University, USA
Ms Brenda J. Howard (bjho@ceh.ac.uk)	Centre for Ecology & Hydrology (CEH), UK
Mr Diego Miguel Telleria (D.Telleria@iaea.org)	International Atomic Energy Agency (IAEA), Scientific Secretary

- (1) The radionuclides CR tables will be confined to actual data not derived values.
- (2) Guidance approaches for filling data gaps will be given in the text.
- (3) Explain the amalgamated nature of CR values.
- (4) Naturals will be included.
- (5) Kd values will be included directly from the foodchain TECDOC rather than a separate review to avoid duplication and the possibility of different numbers. However, we need to check the source of the Kd values to ensure they are freshwater.
- (6) Include biological half lives in database but not in the handbook. May be used in the future recommendation to IAEA to look at in the next review.
- (7) Provide guidance on spatial (area and depth) information for future work but do not apply this retrospectively.
- (8) ICRP – revisit the arrangements for the transfer report with ICRP C5. Possibility to link the ICRP transfer group work to avoid duplication of effort.
- (9) Noble gases – give info on this issue.
- (10) Explore statistical approaches to justify sub-dividing the reference organisms groups.
- (11) For the missing data guidance – consider include Bayesian approach.
- (12) Pelt and feathers – are these included in the whole body? Guidance needed ...
- (13) Use organ specific factors to go from organs to whole body if we have organ specific data in the database. Look at providing guidance to go the other way from wholebody to organs? Describe what we mean by whole body ...

- (14) Journal special issue in collaboration to encourage new data entry – discuss with journal and get agreement (radiation protection dosimetry?).
- (15) Agreed to set up on-line database –selecting tables etc for outputs, note need to select geometric means etc so we will need to code up the calculations. Note provide a list of references as an output so we can cross check the references when we find new ones to enter.
- (16) Need to decide which data should be reported i.e. geometric mean, percentiles, min/max, n etc then users can select the appropriate value for their situation. Links to how the information may be used within the available tools.
- (17) Need to approach STUK to provide the underpinning ERICA data for input into the database.
- (18) Propose working group to EMRAS II to collaborate with the improvement in the online database and peer review the handbook.