

Biota Working Group

What have we done ?:

15 models/approaches participated in 4 exercises/scenarios:

1. Inter-comparison of models for the calculation of unweighted absorbed dose rates for non-human biota

(Vives i Batlle et al 2007. *Radiation & Environmental Biophysics* 46:349–373)

2. Inter-comparison of models to estimate radionuclide activity concentrations in non-human biota

(Beresford et al. submitted *Ecological Modelling*)



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Perch Lake: Cs-137, Co-60, Sr-90, H-3 data for wide range of freshwater biota

Chernobyl: Cs-137, Sr-90 Am-241, Pu-isotopes data - bias towards mammals (birds, amphibians, invertebrate, plant, reptile). Also TLD measurements for small mammals at 4 sites.



Plans for this meeting

FINISH THE REPORT !

Status:

Chapters 1-4: 'Good' draft circulated
(Introduction, model descriptions, DCC
exercise, transfer exercise)

Chapter 5: Perch Lake – partial draft circulated

Chapter 6: Chernobyl – draft available

Chapter 7: Conclusions & Recommendations – to
be agreed and drafted this week



Workplan

- Monday – Perch Lake
- Tuesday – Chernobyl; report planning; presentation on activities in Japan
- Wednesday/Thursday – work on report (11:00 Thursday – round-up session (including schedule for Perch Lake and Chernobyl papers))

