



## Radiological protection of the environment – training course

CEH Lancaster 27<sup>th</sup>-28<sup>th</sup> April 2010

### Tuesday 27<sup>th</sup> April 2010

09:30 Registration & coffee

10:00 Introductions and course outline

10:15 Radiological protection of the environment – an introduction

11:00 Coffee

11:15 Transfer - estimating radionuclide activity concentrations in wildlife

12:00 Dosimetry – estimating exposure

12:45 Lunch

13:45 Radiation effects and the derivation of numerical benchmarks

14:45 Introduction to the ERICA Tool

15:30 Coffee

15:45 Introduction to R&D128 model

16:00 Practical: Terrestrial assessment using the ERICA Tool and R&D128

17:00 Feedback on practical

17:30 Day 1 Round-up

19:30 Dinner (Lancaster House Hotel)

### Wednesday 28<sup>th</sup> April 2010

08:30 ICRP – on-going activities and intentions

08:45 Practical: Power plant releasing to the marine environment (ERICA Tool)

10:15 Feedback on practical

10:45 Coffee

11:00 What to look for when interpreting an assessment

11:45 Introduction to RESRAD-BIOTA

12:30 Lunch

13:15 Dispersion modelling

14:00 Practical: Multiple non-nuclear releases into a river (applying the ERICA Tool and RESRAD-BIOTA)

16:30 Feedback on practical

17:00 Course round-up

17:30 Close