



Radiological protection of the environment – training course

CEH Lancaster 24th-26th November 2010

Wednesday 24th November 2010

12:00 Registration & buffet lunch available

13:00 Introductions

13:15 Radiological protection of the environment – an introduction [[Brenda Howard](#)]

13:45 ERICA Tool introduction [[Nick Beresford](#) & [David Coplestone](#)]

14:30 ERICA Tool Tier 1 – practical

15:00 *Coffee*

15:15 Transfer - estimating radionuclide activity concentrations in wildlife [[Nick Beresford](#)]

16:00 Transfer in the ERICA Tool – practical

16:30 Close

19:30 *Course dinner (venue to be arranged)*

Thursday 25th November 2010

09:00 Feedback from 'Transfer in the ERICA Tool – practical'

09:30 Dosimetry [[Jordi Vives i Battle](#)]

10:15 Dosimetry in the ERICA Tool demonstration & practical

11:00 *Coffee*

11:15 Radiation effects [[Thomas Hinton](#)]

12:00 Numerical benchmarks [[David Coplestone](#)]

12:45 *Lunch*

13:30 Benchmarks & effects - demonstration & practical

14:30 *Coffee*

14:45 Practical session – *Assessing a marine discharge*

17:30 Close

Friday 26th November 2010

09:00 Feedback from 'assessing a marine discharge' practical

09:30 Dispersion modelling [[Jordi Vives i Battle](#)]

10:15 How to model atmospheric noble gas releases [[David Coplestone](#)]

10:30 *Coffee*

10:45 Practical session: *Terrestrial assessment*

11:45 Feedback on terrestrial assessment practical

12:00 What to look for when interpreting an assessment [[Nick Beresford](#)]

12:45 Course round-up and feedback from participants

13:30 *Buffet lunch available*

14:30-16:30 **Optional extra: Introduction, demonstration and practical to the RESRAD-BIOTA model** [[Nick Beresford](#) & [David Coplestone](#)]