



## Radiological protection of the environment – training course

### CEH Lancaster 24<sup>th</sup>-26<sup>th</sup> November 2010

#### Wednesday 24<sup>th</sup> 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
- 16:45 Close
- 19:30 *Course dinner (venue to be arranged)*

#### Thursday 25<sup>th</sup> November 2010

- 09:15 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](#)]
- 13:00 *Lunch*
- 13:45 Benchmarks & effects - demonstration & practical
- 14:30 *Coffee*
- 14:45 Practical session – *Assessing a marine discharge*
- 17:30 Close

#### Friday 26<sup>th</sup> November 2010

- 09:00 Dispersion modelling [[Jordi Vives i Battle](#)]
- 09:45 How to model atmospheric noble gas releases [[David Coplestone](#)]
- 10:00 Practical session: *Terrestrial assessment*

[Coffee available from 10:30]

- 11:30 What to look for when interpreting an assessment [[Nick Beresford](#)]
- 12:15 Course round-up and feedback from participants
- 13:00 *Buffet lunch available*

14:00-16:00 **Optional extra: Introduction, demonstration and practical to the RESRAD-BIOTA model** [[Nick Beresford](#) & [David Coplestone](#)]