

Radiological protection of the environment

CEH Lancaster

Provisional Programme

Wednesday 27th June 2012

Registration & buffet lunch available

Course outline

Introductions

Radiological protection of the environment – international context

ERICA Tool introduction

ERICA Tool Tier 1 – practical

Transfer - estimating radionuclide activity concentrations in wildlife

Transfer in the ERICA Tool – practical

Course dinner

Thursday 28th June 2012

Dosimetry

Dosimetry in the ERICA Tool demonstration & practical

Radiation effects

Numerical benchmarks

Demonstration & practical - Benchmarks & effects

Practical - Assessing a marine discharge

Friday 29th June 2012

Dispersion modelling

How to model atmospheric noble gas releases

Practical: Terrestrial assessment

What to look for when interpreting an assessment

Course round-up and feedback from participants

Option (~2-4pm): Introduction, demonstration and practical to the RESRAD-BIOTA