

# **Radiological protection of the environment**

## **CEH Lancaster**

### **Provisional Programme**

#### **Wednesday 12<sup>th</sup> October 2011**

Registration & buffet lunch available

Introductions

Radiological protection of the environment – an introduction

ERICA Tool introduction

ERICA Tool Tier 1 – practical

Transfer - estimating radionuclide activity concentrations in wildlife

Transfer in the ERICA Tool – practical

Course dinner

#### **Thursday 13<sup>th</sup> October 2011**

Dosimetry

Dosimetry in the ERICA Tool demonstration & practical

Radiation effects

Numerical benchmarks

Demonstration & practical - Benchmarks & effects

Practical - Assessing a marine discharge

#### **Friday 14<sup>th</sup> October 2011**

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