

Radiation Protection of the Environment

22-24 July 2019 (CEH-Lancaster)

Lecturers

Prof. Nick Beresford (CEH)

Prof. David Coplestone (University of Stirling)

Prof. Mike Wood (University of Salford)

Monday 22nd July 13:00 (Lunch available from 11:45)

Welcome

(T01) Radioactivity refresher (Mike Wood)

(T02) Introduction to radiological environmental protection (Mike Wood)

(T03) UK example (David Coplestone)

(T04) ERICA Introduction (David Coplestone & Nick Beresford)

(P01) ERICA Tier 1 practical

(T05) Transfer (Nick Beresford)

(P02) Transfer practical

Tuesday 23rd July 09:00

(T06) Dosimetry (Mike Wood)

(P03) Dosimetry practical

(T07) Exposure (Nick Beresford)

(P04) Reindeer exposure practical and discussion

(T08) Benchmarks (David Coplestone)

(P05) Benchmarks practical

(T09) Dispersion (Mike Wood)

(T10) How to model atmospheric noble gases (David Coplestone)

(P06) Dispersion and noble gas practical

Wednesday 24th July 09:00 ~15:00 (We will endeavour to finish the core course by 13:30, lunch will then be available. We'll then be available until 15:00 for discussions or potential optional demonstration/practical until 15:00)

(T11) Effect – review and controversy (Nick Beresford)

(T12) Latest effects studies (TREE project) (David Coplestone)

(P07) Marine habitats assessment

(T13) Lessons learnt and future developments (Nick Beresford & David Coplestone)

Open questions session

NOTES

- 1) The agenda is flexible (hence no timings)
- 2) **PLEASE** ask **QUESTIONS** whenever you want during presentations