

Suggested reading list for courses

For details of training courses see [here](#)

We suggest that course participants become familiar with the following documents prior to the course:

D-ERICA: An integrated approach to the assessment and management of environmental risks from ionising radiation. Description of purpose, methodology and application. [Full text](#)

ERICA Tool help [Full text](#)

PROTECT executive summary [Full text](#)

ICRP (International Commission on Radiological Protection). 2008. Environmental Protection: the concept and use of Reference Animals and Plants. [ICRP Publication 108](#). Annals of the ICRP, 38, 4-6, 242pp.

Copplestone, D., Wood, M. D., Bielby, S., Jones, S.R., Vives, J., Beresford, N.A. 2003. Habitat regulations for Stage 3 assessments: radioactive substances authorisations. [R&D Technical Report P3-101/SP1a](#). Environment Agency, Bristol.

USDoE (United States Department of Energy). 2002. A graded approach for evaluating radiation doses to aquatic and terrestrial biota. Voluntary consensus technical standard. [DOE-STD-1153-2002](#). USDoE, Washington, D.C.

Ulanovsky A., Pröhl, G. 2006. [A practical method for assessment of dose conversion coefficients for aquatic biota](#). Radiat. Environ. Biophys., 45, 203-214.

Howard, B.J., Beresford, N.A., Andersson, P., Brown, J.E., Copplestone, D., Beaugelin-Seiller, K., Garnier-Laplace, J., Howe, P., Oughton, D., Whitehouse, P. In Press. Protection of the environment from ionising radiation in a regulatory context - an overview of the PROTECT coordinated action. J. Radiological Prot.
Contact [Brenda Howard](#) for a copy if required.

Copplestone, D., Bielby, S., Jones, S.R., Patton, D., Daniel, P., Gize, I. 2001. Impact assessment of ionising radiation on wildlife. [R&D publication 128](#). Environment Agency, Bristol.

Further suggested reading:

Beresford, N.A., Barnett, C.L., Howard, B.J., Scott, W.A., Brown, J.E., Copplestone D. 2008. Derivation of transfer parameters for use within the ERICA Tool and the default concentration ratios for terrestrial biota. J. Environ. Radioact., 99, 1393-1407.
Contact [Nick Beresford](#) for a copy if required.

Hosseini, A., Thørring H., Brown J.E., Saxén R., Ilus, E. 2008. [Transfer of radionuclides in aquatic ecosystems](#)- Default concentration ratios for aquatic biota in the Erica Tool. J. Environ. Radioact., 99, 1408-1429.

Beresford, N.A., Barnett, C.L., Brown, J., Cheng, J-J, Copplestone, D., Filistovic, V., Hosseini, A., Howard, B.J., Jones, S.R., Kamboj, S., Kryshev, A., Nedveckaite, T., Olyslaegers, G., Saxén, R., Sazykina, T., Vives i Batlle, J., Vives-Lynch, S., Yankovich, T. and Yu, C. 2008. Inter-comparison of models to estimate radionuclide activity concentrations in non-human biota. Radiat. Environ. Biophys., 47, 491-514.
Contact [Nick Beresford](#) for a copy if required.

Beresford, N.A., Broadley, M.R., Howard, B.J., Barnett C.L. & White P.J. 2004. Estimating radionuclide transfer to wild species - data requirements and availability for terrestrial ecosystems. J. Rad. Prot., 24, A89-A103.
Contact [Nick Beresford](#) for a copy if required.

Garnier-Laplace, J., Della-Vedova, C., Andersson, P., Copplestone, D., Cailles, C., Beresford, N.A., Howard, B. J., Howe, P., Whitehouse, P. In press. [A multi-criteria weight of evidence approach to derive ecological benchmarks for radioactive substances](#). J. Rad. Prot.

Garnier-Laplace J., Della-Vedova, C., Gilbin, R., Copplestone, D., Hingston, J., Ciffroy, P. 2006. [First derivation of predicted-no-effect values for freshwater and terrestrial ecosystems exposed to radioactive substances](#). Environ. Sci. Technol., 40, 6498-6505.

Garnier-Laplace J., Copplestone, D., Gilbin, R., Alonzo, F., Ciffroy, P., Gilek, M., Agüero, A., Björk, M., Oughton, D.H., Jaworska, A., Larsson, C-M., Hingston, J.L. 2008. [Issues and practices in the use of effects data from FREDERICA in the ERICA Integrated Approach](#). J. Environ. Radioact., 99, 1474-1483.

ICRP (International Commission on Radiation Protection). 2007. Recommendations of the International Commission on Radiological Protection. [Publication 103](#). Annals of the ICRP, 37, 2-3, 332pp.

RESRAD-BIOTA Help [Full text](#)

Beresford, N.A., Hosseini, A., Brown, J.E., Cailles, C., Copplestone, D., Barnett, C.L., Beaugelin-Seiller, K. 2008. [PROTECT Deliverable 4](#). Evaluation of approaches for protecting the environment from ionising radiation in a regulatory context. [Comments](#) received on Deliverable 4.

Beresford, N.A., Hosseini, A., Brown, J.E., Cailles, C., Beaugelin-Seiller, K., Barnett, C.L., Copplestone, D. In Press. Assessment of risk to wildlife from ionising radiation: can screening tiers be used with a high level of confidence? J. Radiological Prot.
Contact [Nick Beresford](#) for a copy if required.

IAEA (International Atomic Energy Agency). 2001. Generic models for use in assessing the impact of discharges of radioactive substances to the environment. Safety Report Series No.19. [Full text](#)