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Brenda Howard is a radioecologist studying environmental radioactivity. She is currently a member of the Committee on Medical Aspects of Radiation in the Environment (COMARE) and leads the participation of CEH in the Strategy for Allied radioecology (STAR) network. She has chaired Working groups on modelling and transfer of radionuclides to wildlife under the IAEA EMRAS I and II programmes. She was awarded an MBE by Queen Elizabeth for her radioecological work in 2002.

Her career spanning thirty years as a radioecologist at CEH has focused on understanding factors affecting radionuclide behaviour in the terrestrial environment, radiation protection of the environment and the development and application of countermeasures and remediation strategies. After the Chernobyl accident, she co-ordinated seven EU framework projects, including STRATEGY which produced the first information datasheets for remediation after nuclear accidents.

Brenda has currently published more than 140 refereed papers and 20 books. The latter include special issues of journals and contributions to various IAEA documents, notably the chapters on transfer to domestic animals in both TRS 364 and 472 and the environment section of Chernobyl forum report. She recently lead the preparation of a TRS on transfer to wildlife, and co-edited TRS 475 on remediation. After the Fukushima Dai-ichi accident, she assisted Japanese colleagues in responding to the problems related to contamination of livestock. She is currently involved in the IAEA Fukushima Comprehensive Report as technical editor for the off site remediation aspects of the report.