EDM MSc EMpower Research Projects: 2007 - 2013

2007-08

Gurpreet Bharth
Environmental and ecological impacts of ^{137}Cs from different types of nuclear reactor (British Energy)

Rebecca Martin
A review of remediation technologies for radionuclide contaminated soil (Atomic Weapons Establishment, Aldermarston)

2008-09

Conor Keane
Investigate the approach taken to groundwater management on and around nuclear sites for robustness to climate change impacts (Environment Agency, Penrith)

Marie Sanchez
An assessment of the impact of authorised radioactive waste discharges on wildlife in Natura 2000 sites using the ERICA assessment tool (Environment Agency, Preston, & University of the West of England, Bristol)

2009-10

Kate Brady
The setting of standards for exclusion of solids from aqueous waste discharges for the nuclear industry (Sellafield Ltd)

Shirley Cade
The use of groundwater level and temperature data to investigate groundwater recharge and movement (National Nuclear Laboratory, Warrington)

Chris Morris
Instrumental radiochemical analysis system for environmental waste management (National Physical Laboratory, Teddington)

Bojana Nanic-Holden
A review of permeable reactive barrier conceptual design for Sellafield Site using updated characterisation data and revised conceptual models (Environment Agency, Penrith)

Ben Smith
Influencing staff attitudes and behaviour towards energy conservation (Atomic Weapons Establishment, Aldermarston)

2010-11

Chris Ball
The evolution of a diesel spill and the development of a predictive fate and transport model (EDF Energy, Barnwood)

Holly Banham
Implications of permitted discharges of radioactive substances to low-flow environments (Environment Agency, Preston, Nottingham & Warrington, & Severn Trent Water, Wolverhampton)

Cyrus Larijani
The production and purification of radiotracer ^{236g}NP for environmental applications (National Physical Laboratory, Teddington)

2011-12

Robyn Cummings
Options for leak management from nuclear legacy facilities during decommissioning (Environment Agency, Penrith)

Matthew Wright
Sensitivity of discharge monitoring programmes from nuclear power with respect to climate change (EDF, Barnwood)

2012-13

Jessica Sandhu
The impact of fossil fuel CO_2 emissions on natural ^{14}C concentrations (EDF, Barnwood)