

## Current NERC Knowledge Exchange Fellows and their workplans.

<b>Round 1</b>		
<p>Dr Marianne Mitchell University of Birmingham</p> <p>Start Date: Oct-09 Completion Date: Sep-12</p>	<p>Maximisation of current NERC Knowledge Exchange funded projects by; exploiting expertise and spare equipment and encouraging engagement by the industrial community. Exploiting existing industrial links to further activities in toxicology and nanotechnology and finally exploring new KE activities afforded by NERC funded project grants particularly in key college areas of water, environment and health.</p>	<p><a href="mailto:m.c.mitchell@bham.ac.uk">m.c.mitchell@bham.ac.uk</a></p>
<p>Dr Roland Leigh University of Leicester</p> <p>Start Date: Oct-09 Completion Date: Sep-12</p>	<p>"Identify, develop and deliver economic impact from the research excellence funded by NERC at the University of Leicester in the following four key grant areas;</p> <ul style="list-style-type: none"> <li>A. Remote Sensing, Instrumentation and the Urban Environment</li> <li>B. Earth Observation Exploitation</li> <li>C. Chemical Fingerprinting</li> <li>D. Dynamics of the Earth's Surface</li> </ul>	<p><a href="mailto:r.j.leigh@le.ac.uk">r.j.leigh@le.ac.uk</a></p>
<p>Dr Alison Holt University of Sheffield</p> <p>Start Date: Dec-09 Completion Date: Sep-12</p>	<p>Stimulation of Knowledge Exchange in Biodiversity ecosystem services and climate change and, Integrated Water management. This project aims to consolidate previous projects and establish a culture of working with private companies for economic, social and environmental good.</p>	<p><a href="mailto:a.holt@sheffield.ac.uk">a.holt@sheffield.ac.uk</a></p>
<p>Professor Ralph Toumi Imperial College London</p> <p>Start Date: Oct-09 Completion Date: Sep 12</p>	<p>Add value and create a step-change across the College concentrating on three Grand Challenges: Next Generation Ocean Modelling, Ecosystem Services and Geochemistry for Health</p>	<p><a href="mailto:r.toumi@imperial.ac.uk">r.toumi@imperial.ac.uk</a></p>
<p>Miss Phillipa Mansell University of Essex</p> <p>Start Date: Oct-09 Completion Date: Sep-12</p>	<p>Using knowledge exchange and engaging with various stakeholders. This project aims to improve sustainability, increasing public conservation awareness, improving the quality of life for communities in developing countries and addressing all of these in a way that increases opportunities and quality of life for all.</p>	<p><a href="mailto:pmansell@essex.ac.uk">pmansell@essex.ac.uk</a></p>

<p>Dr Iain Woodhouse University of Edinburgh</p> <p>Start Date: Sep-09 Completion Date: Sep-12</p>	<p>Exploitation of NERC funded expertise covering the scientific concepts of measurement, modelling and monitoring that underpin emerging forestry "carbon markets"</p>	<p><a href="mailto:i.h.woodhouse@ed.ac.uk">i.h.woodhouse@ed.ac.uk</a></p>
<p>Professor Robert Holdsworth University of Durham</p> <p>Start Date: Oct-09 Completion Date: Sep-12</p>	<p>Identification and development of opportunities for co-financed research with industry, exploration of opportunities for training, creation of new businesses and turning research to market-facing applications and develop Knowledge Networks/Clubs within the Institute of hazard and Risk Research, and Durham Energy Institute.</p>	<p><a href="mailto:r.e.holdsworth@durham.ac.uk">r.e.holdsworth@durham.ac.uk</a></p>
<p><b>Round 2</b></p>		
<p>Dr Tobias Krueger University of East Anglia</p> <p>Start Date: Jan-11 Completion Date: Dec-12</p>	<p>Transferring a collaborative and sustainable process of developing mathematical models for decision support in the context of water quality management.</p>	<p><a href="mailto:T.Krueger@uea.ac.uk">T.Krueger@uea.ac.uk</a></p>
<p>Dr Susanne Sargeant British Geological Survey</p> <p>Start Date: Sep-10 Completion Date: Sep-12</p>	<p>Acting as a bridge between an existing project (the take up of science in earthquake and tsunami risk reduction activities) and further activities, maintaining momentum and facilitating planned future research.</p>	<p><a href="mailto:slsa@bgs.ac.uk">slsa@bgs.ac.uk</a></p>
<p>Dr Tanya Warnaars Centre for Ecology and Hydrology</p> <p>Start Date: Nov-10 Completion Date: Nov-13</p>	<p>To consolidate outputs from previous projects and stakeholders and increase working with private companies and industries, primarily on the subject of water and climate change.</p>	<p><a href="mailto:twarnaars@ceh.ac.uk">twarnaars@ceh.ac.uk</a></p>
<p>Dr Katherine Royse British Geological Survey</p> <p>Start Date: Sep-10 Completion Date: Aug-13</p>	<p>To initiate and coordinate the interaction of NERC researchers and research with the UK financial services sector.</p>	<p><a href="mailto:krro@bgs.ac.uk">krro@bgs.ac.uk</a></p>
<p><b>Round 3</b></p>		

<p>Viki Hirst University of Leeds</p> <p>Start Date: Apr-11 Completion Date: Mar-14</p>	<p>To build relationships between NERC funded water-related researchers at the University of Leeds and business and policymakers directly involved with delivering the Water Framework Directive</p>	<p><a href="mailto:v.hirst@leeds.ac.uk">v.hirst@leeds.ac.uk</a></p>
<p>Bill McCaffrey University of Leeds</p> <p>Start Date: Mar-11 Completion Date: Feb-14</p>	<p>Exploiting NERC-funded research to beneficially impact upstream workflows in the petroleum industry.</p>	<p><a href="mailto:W.D.McCaffrey@leeds.ac.uk">W.D.McCaffrey@leeds.ac.uk</a></p>
<p><b>Round 4</b></p>		
<p>Emma Visman Kings College London</p> <p>Start Date: Sep-11 Completion Date: Aug-13</p>	<p>To identify, pilot and synthesise learning on how best to support effective dialogue between scientists and humanitarian and development policymakers. The dialogue will be cross-disciplinary and consider a range of existing, emerging and future crisis drivers across geographic regions.</p>	<p><a href="mailto:emma.1.visman@kcl.ac.uk">emma.1.visman@kcl.ac.uk</a></p>
<p>Rosalind Cornforth University of Reading</p> <p>Start Date: Dec-11 Completion Date: Nov-14</p>	<p>This fellowship will facilitate the flow of information between policy-makers and scientists in Sub-Saharan Africa. Knowledge-sharing activities at the policy-science interface will drive new collaborative consortia in the identified strategic regions of Sudan and Senegal for relevant policy-making towards improving food security.</p>	<p><a href="mailto:r.j.cornforth@reading.ac.uk">r.j.cornforth@reading.ac.uk</a></p>
<p>Lizzie Froude University of Reading</p> <p>Start Date: Oct-11 Completion Date: Sep-14</p>	<p>To make storm forecast and climate information accessible to the insurance and marine transport sectors, and the sectors they interact with.</p>	<p><a href="mailto:e.s.froude@reading.ac.uk">e.s.froude@reading.ac.uk</a></p>
<p>Lynn Dicks University of Cambridge</p> <p>Start Date: Sep-11 Completion Date: Mar-14</p>	<p>To exchange knowledge between researchers working on the ecology and physiology of pollinating insects across the NERC remit, and practitioners, policymakers and other stakeholders interested in conserving pollinators, whether for economic or ecological reasons.</p>	<p><a href="mailto:lvd22@cam.ac.uk">lvd22@cam.ac.uk</a></p>
<p>Stephen Simpson University of Bristol</p> <p>Start Date: Aug-11 Completion Date: Sep-13</p>	<p>To focus on maximising lasting impact for recent (fisheries), current (anthropogenic noise) and future (Cabot Institute) research programmes, and ultimately help to ensure that human activities in the UK marine</p>	<p><a href="mailto:stephen.simpson@bristol.ac.uk">stephen.simpson@bristol.ac.uk</a></p>

	environment in the 21st Century are based on productivity, economic prosperity and sustainability.	
Rachel Dearden British Geological Survey  Start Date: Sep-11 Completion Date: Sep-14	To establish an exchange of knowledge between consultants, drainage planners, SABs and regulators, and the BGS, to ensure that the outcomes of NERC science on subsurface suitability are communicated to front-line staff.	<a href="mailto:rach1@bgs.ac.uk">rach1@bgs.ac.uk</a>
David Howard Lancaster Environment Centre, CEH  Start Date: Oct-11 Completion Date: Sep-12	To increase the impact of NERC funded science in Environmental Monitoring by accelerating the application and uptake of research outputs and informing future science direction and funding.	<a href="mailto:dhoward@ceh.ac.uk">dhoward@ceh.ac.uk</a>
Ann Bruce University of Edinburgh  Start Date: Jan-12 Completion Date: Dec-13	To engage across the agri-food sector, enabling businesses to access NERC research outputs and capability to address key environmental and sustainability challenges through access to relevant cutting-edge science.	<a href="mailto:Ann.bruce@ed.ac.uk">Ann.bruce@ed.ac.uk</a>
Tom Osborne University of Reading  Start Date: Oct-11 Completion Date: Sep-13	To engage across the agri-food sector, enabling businesses to access NERC research outputs and capability to address key environmental and sustainability challenges through access to relevant cutting-edge science.	<a href="mailto:t.m.osborne@reading.ac.uk">t.m.osborne@reading.ac.uk</a>