

Summary details of NERC Policy Placement Fellowships December 2011

Partner organisation / Dept	Start / end dates	Fellows name & institution	e-mail address	Purpose / scope
Environment Agency Evidence Directorate	01/01/12 31/03/13	Jim Rouquette University of Sheffield Department of Animal and Plant Sciences	j.r.rouquette@sheffield.ac.uk	<p>Twelve month full time equivalent placement with the EA :Ecosystem services and flood and coastal risk management.</p> <p>The Government's increased focus on ecosystem services will have an impact on a wide range of environment related work. But, what will this mean for those working in the Flood and Coastal Risk Management (FCRM) sector? This fellowship will look at how ecosystem services thinking could impact on the broad range of FCRM activities ranging from planning through to construction and maintenance.</p> <p>This fellowship will closely align with the UK National Ecosystem Assessment work and provide an opportunity to specifically focus on what the findings from the National Ecosystem Assessment work mean for FCRM practitioners.</p>
Environment Agency Evidence Directorate	01/12/11 – 30/11/12	Megan Klaar University of Birmingham School of Geography,Earth & Environmental Sciences	m.j.Klaar@bham.ac.uk	<p>Twelve month full time placement with the EA: Understanding the impacts of water abstraction and river flows on aquatic ecology.</p> <p>The purpose of this fellowship is to support the Environment Agency's work on dealing with water abstraction and other flow regulation pressures which lead to failure to achieve Water Framework Directive requirements. It will also help to set the scene to meet future water abstraction challenges, such as the effects of climate change on future licensing policy.</p> <p>Much of this work will also be relevant to the Water White paper which is due to be published in December 2011. The Water White paper will focus on securing sustainable water supplies, and modernising the current regulatory system.</p>

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<p>SEPA Science & Strategy Directorate</p>	<p>16/08/11 - 15/05/12</p>	<p>Helen Taylor (British Geological Survey)</p>	<p>helen.taylor@sepa.org.uk</p>	<p>A six month placement with SEPA (part time over nine months), with the Science & Strategy Directorate in Stirling. The purpose of this policy placement is, in conjunction with SEPA's Human Health Working Group, to promote SEPA's understanding of the Environment and Human Health research 'landscape' in the UK, including the dissemination of research outputs and translation of evidence into robust environmental policy & regulatory practice.</p>
<p>DEFRA Environment & Rural Group</p>	<p>07/12/10 – 06/06/11</p>	<p>Alfie Gathorne-Hardy (Imperial College London Centre for Energy Policy and Technology)</p>	<p>alfred.gathorne-hardy03@imperial.ac.uk</p>	<p>Six month, full time policy placement fellowship with the Defra Environment & Rural Group working alongside an economist and policy officials as part of a small team leading the gathering and analysis of evidence to determine how bio-energy can contribute sustainably to the government's renewable energy and climate change goals for 2020 and 2050. The purpose of this placement was to contribute to the project, gathering and analysing evidence to help develop a Government strategy on the sustainable use of bio-energy. This activity was part of a wider portfolio of work being undertaken in conjunction with DECC and other government departments to help determine the role that bio-energy can play in the UK's future low carbon energy mix.</p>

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<p>DEFRA Atmosphere and Local Environment Programme (ALE)</p>	<p>11/11/2010-31/03/2011</p>	<p>Carly Stevens (Open University Leverhulme Fellow) Now at University of Lancaster</p>	<p>c.j.stevens@open.ac.uk</p>	<p>A six month, part time policy placement fellowship with DEFRA's Atmosphere and Local Environment Programme (ALE). The purpose of this policy placement was to lead a strategic review of the Atmosphere and Local Environment Programme's portfolio of recent and current research on the impacts of air pollution on ecosystems. The objectives were to ensure that future evidence needs for national and international policy development are met as well as strengthening science to policy processes between Defra and NERC.</p>
<p>DEFRA Atmosphere and Local Environment Programme (ALE)</p>	<p>18/10/ 2010-17/11/2010</p>	<p>Andrew Smith, University of Oxford (Dept of Atmospheric, Oceanic and Planetary Physics)</p>	<p>smith@atm.ox.ac.uk</p>	<p>A one month, work shadow placement opportunity based with DEFRA within its Atmosphere and Local Environment Programme (ALE). Defra's Atmosphere and Local Environment Programme reviewed its air quality modelling capacity to ensure that the scientific evidence base is fit for purpose for policy makers. The internship provided an opportunity for a student to work closely with Defra scientists and policy makers to understand how evidence is used in policy making. It provided an insight as to how Defra scientists work with external experts in the field, both consultants and researchers, to ensure they have a fit for purpose evidence base for policy making.</p>

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DECC Climate, Energy, Science and Analysis team(CESA)	Aug. 2010 – July 31st 2011	Emily Shuckburgh, British Antarctic Survey (BAS),	emsh@bas.ac.uk	Part- time policy placement fellowship in the Climate, Energy, Science and Analysis (CESA) team at the Department of Energy & Climate Change (DECC). The objectives were to develop a closer working relationship between the NERC science community and DECC; to improve the communication of climate science from the UK scientific community to the public on climate change; and to identify critical gaps in the science and propose ways to address them.
LWEC: DECC DEFRA NERC	05/10/2009- 07/12/2011 The appointment started 5th October 2009 initially for twelve months & an extension runs from 8th December 2010 to 7th December 2011.	John Holmes, University of Oxford	John.Holmes@earth.ox.ac.uk	A part time 24 month "Living With Environmental Change" Policy Placement Fellowship working with NERC, DECC & DEFRA: "Enhancing LWEC's Capacity To Support Policy Making And Regulation"
EA Horizon Scanning team	(07/09/2009- 06//03/2010	Nic Bury, Kings College London	nic.bury@kcl.ac.uk	Nic is a Senior Lecturer at King's College London with a research interest in aquatic ecotoxicology and ecophysiology. He completed a 6 month part-time Policy Placement fellowship between NERC and

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				the Environment Agency (7th September 2009 – March 2010) . For this placement Nic worked within the Environment Agency's Horizon Scanning team and has explored ways in which the issues raised by horizon scanning activities that affect the current or future Environment Agency corporate strategy and policies are best considered. Part of the fellowship also considered the research needs that may be required to aid these difficult decisions and how this may translate into support from NERC.
DECC Climate, Energy, Science and Analysis team(CESA	14/09/2009– 31/05/2010.	David Frame, Smith School of Enterprise and the Environment & Department of Physics, University of Oxford.	david.frame@smithschool.ox.ac.uk	Six month (subsequently extended) policy placement fellowship appointment from 14th September 2009 – May 2010. With Dept of Environment & Climate Change (DECC) Climate & Energy: Science & Analysis (CESA). The purpose of the placement was to strengthen links between NERC climate science and policy and to provide scientific advice on climate change to inform development of international and domestic climate policy.
Greater London Authority	May – July 2009	Richard Dawson, University of Newcastle.	richard.dawson@newcastle.ac.uk	A Tyndall Centre researcher on a NERC Workshadow placement with the Greater London Authority (GLA) has applied the Tyndall Centre's Urban Integrated Assessment Facility to explore the climate impacts and energy implications of the London Spatial Development Plan. Richard was funded by NERC for four weeks to work with the London Plan team on adapting the Tyndall Cities assessment model to test the scenarios and policy implications of the London Plan. This included exploring the proposed spatial development strategy, as well as testing the adaptation and mitigation options identified within the plan. Dr. Dawson continues this work on sustainable planning in cities, with the GLA as stakeholder advisors, through an EPSRC funded fellowship.