

EVALUATION OF NERC CENTRES 2013

RESEARCH EXCELLENCE SUBMISSION: CENTRE FOR ECOLOGY AND HYDROLOGY

Research outputs submitted by eligible staff. Some staff submitted less than 4 as they were eligible for a reduction (e.g. part-time, long periods of leave)

3 outputs are not listed as they are confidential

Surname	First name	Output type	Title	Volume title	Article number	Volume number	Issue number	Year	Publisher/other relevant info	End
Acreman	Michael	Software	Tool for assessing wetland sensitivity to climate change					2012	http://www.ceh.ac.uk/sci_programmes/Water/Wetlands/ClimateChangeAssessmentToolforWetlands.html	
Acreman	Michael	Journal article	Trade-off in ecosystem services of the Somerset Levels and Moors wetlands	Hydrological Sciences Journal		56	8	2011		
Acreman	Michael	Journal article	Developing environmental standards for abstractions from UK rivers to implement the Water Framework Directive	Hydrological Sciences Journal		53	6	2008		
Acreman	Michael	Journal article	Environmental flows from dams; the Water Framework Directive	Engineering Sustainability		162	1	2009		
Bailey	Mark	Journal article	The bacterial biogeography of British soils.	Environmental Microbiology		13	6	2011		
Bailey	Mark	Journal article	The Future of microbial metagenomics (or is ignorance bliss?)	The ISME Journal		5	5	2011		
Bailey	Mark	Journal article	Unlocking the potential of metagenomics through replicated experimental design	Nature Biotechnology		30		2012		
Bailey	Mark	Journal article	Resolving Genetic Functions within Microbial Populations: In Situ Analyses Using rRNA and mRNA Stable Isotope Probing Coupled with Single-Cell Raman-Fluorescence In Situ Hybridization.	Applied and Environmental Microbiology		75	1	2009		
Bell	Vicky	Journal article	How might climate change affect river flows across the Thames Basin? An area-wide analysis using the UKCP09 Regional Climate Model ensemble.	Journal of Hydrology		442-443		2012		
Bell	Vicky	Journal article	Estimating potential evaporation from vegetated surfaces for water management impact assessments using climate model output	Journal of Hydrometeorology		12	5	2011		
Bell	Vicky	Journal article	Development of a high resolution grid-based river flow model for use with regional climate model output.	Hydrology and Earth System Sciences		11	1	2007		
Bell	Vicky	Journal article	The impact of projected increases in urbanization on ecosystem services	Proceedings of the Royal Society B: Biological Sciences		278	1722	2011		
Beresford	Nick	Journal article	Derivation of transfer parameters for use within the ERICA Tool and the default concentration ratios for terrestrial biota	Journal of Environmental Radioactivity		99	9	2008		
Beresford	Nick	Journal article	Protection of the environment from ionising radiation in a regulatory context (PROTECT): proposed numerical benchmark values	Journal of Environmental Radioactivity		100	12	2009		
Beresford	Nick	Journal article	The ERICA Tool	Journal of Environmental Radioactivity		99	9	2008		
Beresford	Nick	Journal article	The transfer of radiocaesium to ewes through a breeding cycle - an illustration of the pitfalls of the transfer coefficient	Journal of Environmental Radioactivity		98	1-2	2007 (available online 4 Sept 2007)		
Billett	Michael	Journal article	Supersaturation and evasion of CO ₂ and CH ₄ in surface waters at Mer Bleue Peatland, Canada.	Hydrological Processes		22	12	2008		

Billett	Michael	Journal article	Variable source and age of different forms of carbon released from natural peatland pipes.	Journal of Geophysical Research		117	G02003	2012	
Billett	Michael	Journal article	UK peatland streams release old carbon dioxide to the atmosphere and young dissolved organic carbon to rivers.	Geophysical Research Letters		34	L23401	2007	
Billett	Michael	Journal article	Role of the aquatic pathway in the carbon and greenhouse gas budgets of a peatland catchment.	Global Change Biology		16	10	2010	
Blyth	Eleanor	Journal article	A comprehensive set of benchmark tests for a land surface model of simultaneous fluxes of water and carbon at both the global and seasonal scale	Geoscientific Model Development		4		2011	
Blyth	Eleanor	Journal article	Creation of the WATCH Forcing Data and Its Use to Assess Global and Regional Reference Crop Evaporation over Land during the Twentieth Century	Journal of Hydrometeorology		12	5	2011	
Blyth	Eleanor	Journal article	Global nutrient limitation in terrestrial vegetation	Global Biogeochemical Cycles		26	(3), GB3007	2012	
Blyth	Eleanor	Journal article	The Joint UK Land Environment Simulator (JULES), model description - Part 1: Energy and water fluxes	Geoscientific Model Development		4	3	2011	
Boorman	David	Performance	A framework to assess UK Water Security	Chartered Institution of Water and Environmental Management Annual Conference				2012	
Boorman	David	Performance	Drought - Science media briefing	Drought				2012	
Boorman	David	Research report for external body	Water security in the UK - a pilot model-based study of current and future water security in the UK					2012	http://nora.nerc.ac.uk/19489/1/Water_Security_Report.pdf
Boorman	David	Journal article	Modelling in-stream temperature and dissolved oxygen at sub-daily time steps: an application to the River Kennet, UK.	Science of the Total Environment		423		2012	
Bowes	Mike	Journal article	Modelling of phosphorus inputs to rivers from diffuse and point sources	Science of the Total Environment		395	2-3	2008	
Bowes	Mike	Journal article	Changes in water quality of the River Frome from 1965 to 2009: Is phosphorus mitigation finally working?. This 44 year dataset released through the CFH Information Gateway	Science of the Total Environment		409	18	2011	
Bowes	Mike	Journal article	Nutrient and light limitation of periphyton in the River Thames: Implications for catchment management	Science of the Total Environment		434		2012	
Bowes	Mike	Journal article	Spatial and temporal changes in chlorophyll-a concentrations in the River Thames basin, UK: Are phosphorus concentrations beginning to limit phytoplankton biomass?	Science of the Total Environment		426		2012	
Braban	Christine	Research report for external body	Atmospheric Deposition Model for Screening Combustion Sources Against Habitat Impacts- Final Report.					2010	Edinburgh, Scotland and Northern Ireland Forum for Environmental Research (SNIFFER)
Braban	Christine	Journal article	Field inter-comparison of eleven atmospheric ammonia measurement techniques	Atmospheric Measurement Techniques		3		2010	
Braban	Christine	Journal article	Modelling reactive halogen formation and ozone depletion in volcanic plumes	Chemical Geology		263	1-4	2009	
Braban	Christine	Journal article	Electrochemical sensing of volcanic gases	Chemical Geology		332-333		2012	
Bullock	James	Journal article	Enhancement of biodiversity and ecosystem services by ecological restoration: a meta-analysis.	Science		325	5944	2009	
Bullock	James	Journal article	Human mediated dispersal of seeds over long distances	Proceedings of the Royal Society B: Biological Sciences		276		2009	

Bullock	James	Journal article	Restoration of ecosystem services and biodiversity: conflicts and opportunities	Trends in Ecology & Evolution		26		2011	
Bullock	James	Chapter in book	Semi-natural grasslands (Chapter 6)	The UK National Ecosystem Assessment Technical Report				2011	UNEP-WCMC
Cape	Neil	Journal article	Atmospheric nitrogen deposition in south-east Scotland: Quantification of the organic nitrogen fraction in wet, dry and bulk deposition	Atmospheric Environment		43	26	2009	
Cape	Neil	Journal article	Evidence for changing the critical level for ammonia	Environmental Pollution		157	3	2009	
Cape	Neil	Journal article	Reactive uptake of ozone at simulated leaf surfaces: implications for 'non-stomatal' ozone deposition	Atmospheric Environment		43	5	2009	
Cape	Neil	Journal article	Surface ozone concentrations and ecosystem health: past trends and a guide to future projections	Science of the Total Environment		400	1-3	2008	
Carss	David	Chapter in book	Competing and coexisting with cormorants: ambiguity and change in European wetlands	LANDSCAPE, PROCESS AND POWER: Re-evaluating Traditional Environmental Knowledge				2007	Berghahn Books
Carss	David	Journal article	The emergence of biodiversity conflicts from biodiversity impacts: characteristics and management strategies	Biodiversity and Conservation		19	14	2010	
Carss	David	Journal article	Long-term variations in waterfowl populations in Loch Leven: identifying discontinuities between local and national trends	Hydrobiologia		681	1	2012	
Carvalho	Laurence	Journal article	Assessing ecological responses to environmental change using statistical models.	Journal of Applied Ecology		45	1	2008	
Carvalho	Laurence	Journal article	Chlorophyll reference conditions for European Intercalibration lake types.	Aquatic Ecology		42	2	2008	
Carvalho	Laurence	Journal article	Cyanobacterial blooms: Statistical models describing risk factors for national-scale lake assessment and lake management.	Science of the Total Environment		409	24	2011	
Carvalho	Laurence	Journal article	Strength and uncertainty of lake phytoplankton metrics for assessing eutrophication impacts in lakes	Hydrobiologia				2012	
Cavers	Stephen	Journal article	High genetic diversity at the extreme range edge: nucleotide variation at candidate gene loci in Scots pine (<i>Pinus sylvestris</i> L.) in Scotland.	Heredity		106		2011	
Cavers	Stephen	Journal article	Seasonal patterns of photosynthetic activity and spring phenology reveal genetic differentiation among native Scots pine populations in Scotland.	Forest Ecology and Management		262	6	2011	
Cavers	Stephen	Journal article	Verifying the geographic origin of mahogany (<i>Swietenia macrophylla</i> King) with DNA-fingerprints Original Research,	Forensic Science International: Genetics		7	1	2013 (published online July 2012)	
Cavers	Stephen	Journal article	Weak global population genetic structure in a philopatric seabird, the European shag (<i>Phalacrocorax aristotelis</i>).	IBIS		153	4	2011	
Cole	Steven	Conference contribution	Use of weather radar by the water industry in Scotland	Red Book Series: Weather Radar and Hydrology (Proceedings of a symposium held in Exeter, UK, April 2011)		351		2012	ISBN 978-1-907161-26-1
Cole	Steven	Research report for external body	Hydrological modelling for the Rivers Lavant and Ems	n/a	n/a	n/a	n/a	2009	
Cole	Steven	Journal article	Use of high-resolution NWP rainfall and river flow forecasts for advance warning of the Carlisle flood, north-west England	Meteorological Applications	n/a	16	1	2009	

Cole	Steven	Journal article	Hydrological modelling using raingauge- and radar-based estimators of areal rainfall	Journal of Hydrology	n/a	358	3-4	2008	
Cooper	David	Journal article	Modeling nutrient pollution during a first flood event using HSPF software: Iskar River case study, Bulgaria	Ecological Modelling		211		2008	
Cooper	David	Journal article	Acidic episodes retard the biological recovery of upland British streams from chronic acidification.	Global Change Biology		13		2007 (first online August 2007)	
Cooper	David	Research report for external body	Use of 'UKCIP08 Scenarios' to determine the potential impact of climate					2010	Department of Environment, Food and Rural Affairs
Cooper	David	Software	Software application "PhreePlot": Creating graphical output with PHREEQC.					2011	www.phreeplot.org
Daunt	Francis	Journal article	Parasite treatment affects maternal investment in sons	Science		321	5896	2008	
Daunt	Francis	Journal article	Older and wiser: improvements in breeding success are linked to better foraging performance in European shags	Functional Ecology		21	3	Article first published online: 10 APR 2007	
Daunt	Francis	Journal article	Seasonal interactions in the black-legged kittiwake, <i>Rissa tridactyla</i> : links between breeding performance and winter distribution	Proceedings of the Royal Society B: Biological Sciences		278	1717	2011	
Daunt	Francis	Journal article	The demographic impact of extreme events: stochastic weather drives survival and population dynamics in a long-lived seabird	Journal of Animal Ecology		77	5	2008	
Dawson	Alistair	Journal article	Seasonality in a temperate zone bird can be entrained by near equatorial photoperiods	Philosophical Transactions of the Royal Society B: Biological Sciences		274	1610	2007	
Dawson	Alistair	Journal article	Control of the annual cycle in birds: endocrine constraints and plasticity in response to ecological variability	Philosophical Transactions of the Royal Society B: Biological Sciences		363	1497	2008	
Dawson	Alistair	Journal article	Seasonal changes in concentrations of plasma LH and prolactin associated with the advance in the development of photorefractoriness and molt by high temperature in the starling.	General and Comparative Endocrinology		167	1	2010	
Dawson	Alistair	Journal article	Genetic variation in cue sensitivity involved in avian timing of reproduction	Functional Ecology		25	4	2011	
Dick	Jan	Journal article	The contribution of agricultural practices to nitrous oxide emissions in semi-arid Mali	Soil Use and Management		24	3	2008	
Dick	Jan	Journal article	Ecosystem services and associated concepts	Environmetrics		22	5	2011	
Dick	Jan	Journal article	A comparison of ecosystem services delivered by 11 long-term monitoring sites in the UK environmental change network	Environmetrics		22	5	2011	
Dick	Jan	Journal article	Recent Plant Diversity Changes on Europe's Mountain Summits	Science		336	6079	2012	
Dos Santos Pereira	Gloria	Journal article	Long term trends in PBDEs in sparrowhawk (<i>Accipiter nisus</i>) eggs indicate sustained contamination of UK terrestrial ecosystems	Environmental Science And Technology		46	24	2012	
Dos Santos Pereira	Gloria	Journal article	Concentrations of polycyclic aromatic hydrocarbons (PAHs) in the eggs of predatory birds in Britain	Environmental Science And Technology		43	23	2009	

Dos Santos Pereira	Gloria	Journal article	Long term trends in PBDE concentrations in gannet (<i>Morus bassanus</i>) eggs from two UK colonies.	Environmental Pollution		161		2012	
Dos Santos Pereira	Gloria	Journal article	Long-term trends in mercury and PCB congener concentrations in gannet (<i>Morus bassanus</i>) eggs in Britain	Environmental Pollution		157	1	2009	
Dragosits	Ulrike	Chapter in book	Sources, Dispersion and Fate of Atmospheric Ammonia	Nitrogen in the Environment - Sources, Problems, and Management				2008	Academic Press
Dragosits	Ulrike	Journal article	Global ammonia emissions from seabirds	Atmospheric Environment		55		2012	
Dragosits	Ulrike	Journal article	Modelling the spatial distribution of ammonia emissions in the UK	Environmental Pollution		154	3	2008	
Dragosits	Ulrike	Journal article	The role of indicator choice in quantifying the threat of atmospheric ammonia to the 'Natura 2000' network	Environmental Science and Policy		13		2010	
Dunbar	Mike	Journal article	Incorporating traits in aquatic biomonitoring to enhance causal diagnosis and prediction	Integrated Environmental Assessment and Management		7	2	2011	
Dunbar	Mike	Journal article	Evidence needed to manage freshwater ecosystems in a changing climate: Turning adaptation principles into practice	Science of the Total Environment		408		2010	
Dunbar	Mike	Journal article	River discharge and local-scale physical habitat influence macroinvertebrate LIFE scores	Freshwater Biology		55	1	2010	
Dunbar	Mike	Journal article	Interaction between macroinvertebrates, discharge and physical habitat in upland rivers	Aquatic Conservation		21	S1	2010	
Edwards	Francois	Chapter in book	Biomonitoring of human impacts in freshwater ecosystems: the good, the bad and the ugly	Ecosystems in a Human-Modified Landscape: A European Perspective, Volume 44 of Advances in ecological research				2011	Elsevier
Edwards	Francois	Journal article	Drought alters the structure and functioning of complex food webs	Nature Climate Change				2012	
Edwards	Francois	Journal article	Invasive alien Crustacea: dispersal, establishment, impact and control	BioControl		56	4	2011	
Elliott	Alex	Journal article	Increases in lake phytoplankton biomass caused by future climate-driven changes to seasonal river flow	Global Change Biology		17	5	2011	
Elliott	Alex	Journal article	Is the future blue-green? A review of the current model predictions of how climate change could affect pelagic freshwater Cyanobacteria	Water Research		46	5	2012	
Elliott	Alex	Journal article	Predicting the potential long-term influence of climate change on vendace (<i>Coregonus albula</i>) habitat in Bassenthwaite Lake, U.K	Freshwater Biology		56		2011	
Elliott	Alex	Journal article	The seasonal sensitivity of Cyanobacteria and other phytoplankton to changes in flushing rate and water temperature	Global Change Biology		16	2	2010	
Emmett	Bridget	Journal article	Response of plant species richness and primary productivity in shrublands along a north-south gradient in Europe to seven years of experimental warming and drought: reductions in primary productivity in the heat and drought year of 2003	Global Change Biology		13	12	2007 (Article first published online: 4 OCT 2007)	
Emmett	Bridget	Journal article	Modeled interactive effects of precipitation, temperature, and [CO ₂] on ecosystem carbon and water dynamics in different climatic zones	Global Change Biology		14	9	2008	

Emmett	Bridget	Journal article	Contrasting effects of repeated summer drought on soil carbon efflux in hydric and mesic heathland soils	Global Change Biology		14	10	2008	
Emmett	Bridget	Journal article	Carbon and nitrogen cycles in European ecosystems respond differently to global warming	Science of The Total Environment		407	1	2008	
Evans	Christopher	Journal article	Acidity controls on dissolved organic carbon mobility in organic soils.	Global Change Biology		18	11	2012	
Evans	Christopher	Journal article	Hydrochloric acid: An overlooked driver of environmental change	Environmental Science and Technology		45		2011	
Evans	Christopher	Journal article	Evidence against recent climate-induced destabilisation of soil carbon from 14C analysis of riverine dissolved organic matter.	Geophysical Research Letters		34	L07407	2007 (published April 2007)	
Evans	Christopher	Journal article	Major changes in forest carbon and nitrogen cycling caused by declining sulphur deposition.	Global Change Biology		17	10	2011	
Evans	Jonathan	Journal article	Using Information Theory to Determine Optimum Pixel Size and Shape for Ecological Studies: Aggregating Land Surface Characteristics in Arctic Ecosystems	Ecosystems		12	4	2009	
Evans	Jonathan	Journal article	Determination of turbulent sensible heat fluxes using a large aperture scintillometer over undulating mixed agricultural terrain	Agricultural and Forest Meteorology		166-167		2012	
Evans	Jonathan	Journal article	The effective height of a two-wavelength scintillometer system	Boundary-Layer Meteorology		141	1	2011	
Field	Dawn	Journal article	Predicting bacterial community assemblages using an artificial neural network approach	Nature Methods		9	6	2012	
Field	Dawn	Journal article	Omics data sharing	Science		326	5950	2009	
Field	Dawn	Journal article	The minimum information about a genome sequence (MIGS) specification	Nature Biotechnology		26	5	2008	
Field	Dawn	Journal article	Promoting coherent minimum reporting guidelines for biological and biomedical investigations: The MIBBI project	Nature Biotechnology		26	8	2008	
Finch	Jon	Journal article	A model for flow in the Chalk unsaturated zone, incorporating progressive weathering	Journal of Hydrology		365	3-4	2009	
Finch	Jon	Journal article	Assessing the impact of internal conductance to CO2 in a land-surface scheme: Measurement and modelling of photosynthesis in Populus nigra	Agricultural and Forest Meteorology		152		2012	
Finch	Jon	Journal article	Interception losses from Miscanthus at a site in southern England - an application of the Gash model	Hydrological Processes		24	18	2010	
Finch	Jon	Journal article	The impact of extensive planting of Miscanthus as an energy crop on future CO2 atmospheric concentrations	GCB Bioenergy		2	2	2010	
Fowler	David	Journal article	Atmospheric Composition Change: Ecosystems-Atmosphere interactions.	Atmospheric Environment		43	33	2009	
Fowler	David	Journal article	Atmospheric composition change: global and regional air quality.	Atmospheric Environment		43	33	2009	
Fowler	David	Journal article	Effects of land use on surface-atmosphere exchanges of trace gases and energy in Borneo: comparing fluxes over oil palm plantations and a rainforest.	Philosophical Transactions of the Royal Society B: Biological Sciences		366	1582	2011	
Fowler	David	Journal article	Simultaneously mitigating near-term climate change and improving human health and food security.	Science		335	6065	2012	
Freeman	Stephen	Journal article	An Integrated Population Model from Constant Effort bird-ringing data	Journal of Agricultural, Biological, and Environmental Statistics		15	1	2010	
Freeman	Stephen	Journal article	Avoidance of a generalist entomopathogenic fungus by the ladybird, Coccinella septempunctata	FEMS Microbiol Ecol.		77	2	2011	

Freeman	Stephen	Journal article	Bumble bee species' responses to a targeted conservation measure depend on landscape context and habitat quality	Ecological Applications		21	5	2011	
Freeman	Stephen	Journal article	Landscape scale responses of birds to agri-environment management: a test of the English Environmental Stewardship Scheme.	Journal of Applied Ecology		49	4	2012	
Gerard	France	Research report for external body	Assessing the role of EO in biodiversity monitoring. Options for integrating in-situ observations with EO within the context of the EBONE concept.	EBONE-D5.5-2.0. EC-FPV Contract Ref: ENV-CT-2008-212322				2012	http://nora.nerc.ac.uk/17798/1/Combined-files.pdf
Gerard	France	Journal article	Comment on 'A first map of tropical Africa's above-ground biomass derived from satellite imagery'	Environmental Research Letters		6	4	2011	
Gerard	France	Journal article	Land cover change in Europe between 1950 and 2000 determined employing aerial photography	Progress in Physical Geography		34	2	2010	
Gerard	France	Journal article	Relationships between phenology, radiation and precipitation in the Amazon region	Global Change Biology		17	6	2011	
Hails	Rosie	Journal article	A mathematical model of exposure of non-target Lepidoptera to Bt-maize pollen expressing Cry1Ab within Europe	Proceedings of the Royal Society B: Biological Sciences		277	1686	2010	
Hails	Rosie	Journal article	Estimating the effects of Cry1F Bt-maize pollen on non-target Lepidoptera using a mathematical model of exposure.	Journal of Applied Ecology		49	1	2012	
Hails	Rosie	Journal article	Exploiting pathogens and their impact on fitness costs to manage the evolution of resistance to Bacillus thuringiensis	Journal of Applied Ecology		44	4	2007 (first published online: 5 MAR 2007)	
Hails	Rosie	Journal article	Modelling the within-host growth of viral infections in insects.	Journal of Theoretical Biology		31	312C	2012	
Hall	Jane	Journal article	The influence of long term trends in pollutant emissions on deposition of sulphur and nitrogen and exceedance of critical loads in the United Kingdom.	Environmental Science and Policy		12		2009	
Hall	Jane	Research report for external body	Update to empirical critical loads of nitrogen.					2011	Department of Environment, Food and Rural Affairs
Hall	Jane	Authored book	Uncertainty in critical load assessment models.					2007 (March 2007)	Environment Agency
Hall	Jane	Research data sets and databases	2011 update to UK 1x1km dataset for empirical critical loads of nitrogen					2011	Database and ArcGIS files can be requested via http://cldm.defra.gov.uk/Data.htm
Hannaford	Jamie	Journal article	Examining the large-scale spatial coherence of European drought using regional indicators of rainfall and streamflow deficit	Hydrological Processes		25	7	2010	
Hannaford	Jamie	Journal article	High flow and flood trends in a network of undisturbed catchments in the UK	International Journal of Climatology		28	10	2008	
Hannaford	Jamie	Journal article	Streamflow trends in Europe: evidence from a dataset of near-natural catchments	Hydrology and Earth System Sciences		14	12	2010	
Hannaford	Jamie	Journal article	Testing the resilience of water supply systems to long droughts in England and Wales	Journal of Hydrology		414-415		2012	
Harding	Richard	Journal article	Multi-Model Estimate of the Global Terrestrial Water Balance: Setup and First Results	Journal of Hydrometeorology		12	5	2011	
Harding	Richard	Journal article	Seasonal variability of interception evaporation from the canopy of a mixed deciduous forest.	Agricultural and Forest Meteorology		148	11	2008	

Harding	Richard	Journal article	The Joint UK Land Environment Simulator (JULES), Model description – Part 2: Carbon fluxes and vegetation.	Geoscientific Model Development Discussions		4		2011	
Harding	Richard	Research report for external body	Water and global change: The WATCH Project Outreach Report.					2011	http://www.ceh.ac.uk/collaboration/documents/WATCHOutreachReport.pdf
Harmens	Harry	Journal article	Temporal trends (1990 - 2000) in the concentration of cadmium, lead and mercury in mosses across Europe	Environmental Pollution		151	2	2008	
Harmens	Harry	Journal article	Nitrogen concentrations in mosses indicate the spatial distribution of atmospheric nitrogen deposition in Europe	Environmental Pollution		159	10	2011	
Harmens	Harry	Journal article	Mosses as biomonitors of atmospheric heavy metal deposition: Spatial patterns and temporal trends in Europe	Environmental Pollution		158	10	2010	
Harmens	Harry	Research report for external body	Evidence of widespread ozone damage to vegetation in Europe (1990-2006).					2007	UNECE
Hayman	Garry	Journal article	Detection of open water dynamics with ENVISAT ASAR in support of land surface modelling at high latitudes.	Biogeosciences		9	2	2012	
Hayman	Garry	Journal article	Enhancements to the UK Photochemical Trajectory Model for simulation of secondary inorganic aerosol	Atmospheric Environment		57		2012	
Hayman	Garry	Research report for external body	Review of the Defra Monitoring Programme: Baseline Measurement and Analysis of UK Ozone and UV					2010	Department of Environment, Food and Rural Affairs
Hayman	Garry	Journal article	The ozone source–receptor model – A tool for UK ozone policy	Atmospheric Environment		44	34	2010	
Heard	Matthew	Journal article	Disentangling the effects of predator hunting mode and habitat domain on the top-down control of insect herbivores	Journal of Animal Ecology		80	2	2011	
Heard	Matthew	Journal article	Soil carbon release enhanced by increased tropical forest litterfall	Nature Climate Change		1	6	2011	
Heard	Matthew	Journal article	Landscape context not patch size determines bumblebee density on flower mixtures sown for agri-environment schemes	Biology Letters		3	6	2007	
Heard	Matthew	Journal article	Molecular and spatial analyses reveal links between colony-specific foraging distance and landscape-level resource availability in two bumblebee species	Oikos		121	5	2011	
Henrys	Peter	Journal article	Eight decades of phenological change for a freshwater cladoceran: what are the consequences of our definition of seasonal timing?	Freshwater Biology		57	2	2012	
Henrys	Peter	Journal article	Impacts of nitrogen deposition on vascular plants in Britain: an analysis of two national observation networks	Biogeosciences		8	12	2011	
Henrys	Peter	Journal article	Spatial patterns reveal negative density dependence and habitat associations in tropical trees	Ecology		92	9	2011	
Hinsley	Shelley	Journal article	Bird species distributions across woodland canopy structure gradients.	Community Ecology		10	1	2009	
Hinsley	Shelley	Journal article	Effects of structural and functional habitat gaps on breeding woodland birds: working harder for less.	Landscape Ecology		23	5	2008	
Hinsley	Shelley	Chapter in book	Habitat associations of birds in complex changing cultural landscapes. Chapter 6	Birds and Habitat: Relationships in Changing Landscapes				Nov 2012	Cambridge University Press
Hinsley	Shelley	Journal article	Carotenoid plumage hue and chroma signal different aspects of individual and habitat quality in tits	IBIS		150		2008	
Houghton-Carr	Helen	Journal article	An assessment of the surface water resources of the Juba-Shabelle basin in Southern Somalia	Hydrological Sciences Journal		56	5	2011	

Houghton-Carr	Helen	Research report for external body	SCENES: water SCenarios for Europe and NEighbouring States. Report D4.6 Socio-economic and environmental impacts of future changes in Europe's freshwater resources					2011	European Commission
Houghton-Carr	Helen	Journal article	Working Wetland Potential: An index to guide the sustainable development of African wetlands	Natural Resources Forum		33	2	2009	
Houghton-Carr	Helen								CONFIDENTIAL OUTPUT
Howard	Brenda	Conference contribution	countermeasures and remediation of reducing radiocaesium contamination on farm animals	Lessons of Chernobyl: NARO International Symposium on Agricultural Countermeasure for Extensive Contamination by Radionuclides				2011	
Howard	Brenda	Authored book	Handbook of Parameter Values for the Prediction of Radionuclide Transfer in Terrestrial and Freshwater Environment. Technical Report Series 472.					2010	IAEA
Howard	Brenda	Journal article	Protection of the environment from ionising radiation in a regulatory context - an overview of the PROTECT coordinated action project	Journal of Radiological Protection		30		2010	
Howard	Brenda	Journal article	The IAEA handbook on radionuclide transfer to wildlife.	Journal of Environmental Radioactivity		online early version, no vol. no. yet		corrected proof available online 16th April 2012	
Howard	David	Journal article	A framework for reviewing the trade-offs between, renewable energy, food, feed and wood production at a local level	Renewable and Sustainable Energy Reviews		16	1	2012	
Howard	David	Journal article	A standardized procedure for surveillance and monitoring European habitats and provision of spatial data	Landscape Ecology		23		2008	
Howard	David	Chapter in book	Not just climate change: other social and environmental perspectives	Energy 2050: making the transition to a secure low carbon energy system				2011	Earthscan
Howard	David	Journal article	Sources of variability in greenhouse gas and energy balances for biofuel production	GCB Bioenergy		2	3	2010	
Huntingford	Chris	Journal article	Indirect radiative forcing of climate change through ozone effects on the land-carbon sink	Nature		448	7155	2008	
Huntingford	Chris	Journal article	Impact of changes in diffuse radiation on the global land carbon sink	Nature		458	7241	2009	
Huntingford	Chris	Journal article	The link between a global 2°C warming threshold and emissions in years 2020, 2050 and beyond	Environmental Research Letters	14039	7		2012	
Huntingford	Chris	Journal article	Warming caused by cumulative carbon emissions towards the trillionth tonne	Nature		458		2009	
Hutchins	Michael	Journal article	Cost-effective mitigation of diffuse pollution: setting criteria for river basin management at multiple locations.	Environmental Management		44	2	2009	
Hutchins	Michael	Journal article	Mathematical model to identify nitrogen variability in large rivers.	River Research and Applications		27	10	2011	
Hutchins	Michael	Journal article	What impact might mitigation of diffuse nitrate pollution have on river water quality in a rural catchment?	Journal of Environmental Management		109		2012	
Hutchins	Michael	Journal article	Which offers more scope to suppress river phytoplankton blooms: reducing nutrient pollution or riparian shading?	Science of the Total Environment		408	21	2010	
Isaac	Nick	Journal article	Distance sampling and the challenge of monitoring butterfly populations	Methods in Ecology and Evolution		2	6	2011	

Isaac	Nick	Journal article	Mammals on the EDGE: Conservation priorities based on threat and phylogeny	PLoS ONE		2	3	Published: March 14, 2007	
Isaac	Nick	Journal article	Radio-tagging technology reveals extreme nest-drifting behavior in a eusocial insect.	Current Biology		17	2	Available online 22 January 2007	
Isaac	Nick	Journal article	Why are metabolic scaling exponents so controversial? Quantifying variance and testing hypotheses	Ecology Letters		13	6	2010	
Jarvie	Helen	Journal article	Fate of Silica Nanoparticles in Simulated Primary Wastewater Treatment	Environmental Science And Technology		43	22	2009	
Jarvie	Helen	Journal article	Role of riverine colloids in macronutrient and metal partitioning and transport, along an upland-lowland land-use continuum, under low-flow conditions.	Science of the Total Environment		434		2012	
Jarvie	Helen	Journal article	Quantifying Phosphorus Retention and Release in Rivers and Watersheds Using Extended End-Member Mixing Analysis (E-EMMA)	Journal of Environmental Quality		40	2	2011	
Jarvie	Helen	Journal article	Streamwater phosphorus and nitrogen across a gradient in rural-agricultural land use intensity	Agriculture Ecosystems and Environment		135	4	2010	
Jenkins	Alan	Journal article	Integrating ecology with hydromorphology: a priority for river science and management.	Aquatic Conservation - Marine and Freshwater Ecosystems		19	1	2009	
Jenkins	Alan	Chapter in book	Supporting services [chapter 13]	UK National Ecosystem Assessment. Understanding nature's value to society. Technical Report.				2011	UNEP-WCMC
Jenkins	Alan	Chapter in book	The Future for Catchment Management.	Handbook of Catchment Management.				2009	Wiley-Blackwell
Jenkins	Alan	Journal article	Water, Climate Change and Tough Choices.	Water and Wastewater International		24	2	2009	
Johnson	Andrew	Journal article	Do cytotoxic chemotherapy drugs discharged into rivers pose a risk to the environment and human health? An overview and UK case study.	Journal of Hydrology		348	(1-2)	2008	
Johnson	Andrew	Journal article	Natural variations in flow are critical in determining concentrations of point source contaminants in rivers: an estrogen example.	Environmental Science And Technology		44	20	2010	
Johnson	Andrew	Journal article	The British river of the future: How climate change and human activity might affect two contrasting river ecosystems in England.	Science of the Total Environment		407	17	2009	
Johnson	Andrew	Journal article	Assessing the Concentrations of Polar Organic Microcontaminants from Point Sources in the Aquatic Environment: Measure or Model?	Environmental Science and Technology		42	15	2008	
Kay	Alison	Journal article	Attribution of Autumn/Winter 2000 flood risk in England to anthropogenic climate change: a catchment-based study	Journal of Hydrology		406	1-2	2011	
Kay	Alison	Journal article	Calculating potential evaporation from climate model data: a source of uncertainty for hydrological climate change impacts	Journal of Hydrology		358	3-4	2008	
Kay	Alison	Journal article	Comparison of the use of alternative UKCP09 products for modelling the impacts of climate change on flood frequency	Climatic Change		114	2	2012	
Kay	Alison	Journal article	Comparison of uncertainty sources for climate change impacts: flood frequency in England	Climatic Change		92	1-2	2009	
Kjeldsen	Thomas	Journal article	An exploratory analysis of error components in hydrological regression modeling	Water Resources Research		45	W02407	2009	

Kjeldsen	Thomas	Research report for external body	Improving the FEH statistical procedures for flood frequency estimation						2008	Environment Agency
Kjeldsen	Thomas	Journal article	Modelling the impact of urbanisation on flood runoff volume	Proceedings of the ICE, Water Management		162	5		2009	
Kjeldsen	Thomas	Authored book	Flood Estimation Handbook Supplementary Report No. 1: The revitalised FSR/FEH rainfall-runoff method						2007	Centre for Ecology & Hydrology, Wallingford, UK
Leith	Ian	Chapter in book	Macrolichens on twigs and trunks as indicators of ammonia concentrations across the UK - a practical method	Atmospheric Ammonia					2009	Springer
Leith	Ian	Journal article	Response of Sphagnum papillosum and Drosera rotundifolia to Reduced and Oxidized Wet Nitrogen Deposition	Folia Geobotanica		47	2		2012	
Leith	Ian	Journal article	The influence of nitrogen in stemflow and precipitation on epiphytic bryophytes, Isoetes myosuroides Brd., Dicranum scoparium Hewd. and Thuidium tamariscinum (Hewd) Schimp of Atlantic oakwoods	Environmental Pollution		155	2		2008	
Levy	Peter	Journal article	Methane emissions from sheep pasture, measured with an open-path eddy covariance system	Global Change Biology		17	12		2011	
Levy	Peter	Journal article	Methane emissions from soils: synthesis and analysis of a large UK data set	Global Change Biology		18	5		2012	
Levy	Peter	Journal article	Trends in the sources and sinks of carbon dioxide	Nature Geoscience		2			2009	
Levy	Peter	Journal article	Evaluation of the terrestrial carbon cycle, future plant geography and climate-carbon cycle feedbacks using 5 Dynamic Global Vegetation Models (DGVMs)	Global Change Biology		14	9		2008	
Llewellyn	Neville	Journal article	Determination of cyclophosphamide and ifosfamide in sewage effluent by stable isotope-dilution liquid chromatography-tandem mass spectrometry	Journal of Chromatography A		1218	47		2011	
Llewellyn	Neville	Journal article	Does small mammal prey guild affect the exposure of predators to anticoagulant rodenticides?	Environmental Pollution		159	10		2011	
Llewellyn	Neville	Journal article	Estrogen concentration affects its biodegradation rate in activated sludge	Environmental Toxicology and Chemistry		28	11		2009	
Llewellyn	Neville	Journal article	Rodenticide exposure in wood mouse and house mouse populations on farms and potential secondary risk to predators	Ecotoxicology		21	5		2012	
Lofts	Stephen	Journal article	Toxicity of proton-metal mixtures in the field: Linking stream macroinvertebrate species diversity to chemical speciation and bioavailability	Aquatic Toxicology		100	1		2010	
Lofts	Stephen	Journal article	Humic Ion-Binding Model VII: a revised parameterisation of cation-binding by humic substances	Environmental Chemistry		8	3		2011	
Lofts	Stephen	Journal article	Modelling the chemistry of iron(III) in freshwaters	Aquatic Geochemistry		14	4		2008	
Lofts	Stephen	Journal article	Assessing WHAM/Model VII against field measurements of free metal ion concentrations: model performance and the role of uncertainty in parameters and inputs	Environmental Chemistry		8	5		2011	
Maberly	Stephen	Journal article	The influence of atmospheric wave dynamics on the surface temperature of lakes in the English Lake District.	Global Change Biology		17	6		2011	
Maberly	Stephen	Journal article	Catchment productivity controls CO2 emissions from lakes	Nature Climate Change		online first			2012 (published online Nov 2012)	

Maberly	Stephen	Journal article	Inorganic carbon acquisition by chrysophytes	Journal of Phycology		45	5	2009	
Maberly	Stephen	Journal article	Long-term change in the phenology of spring phytoplankton: species-specific responses to nutrient enrichment and climatic change.	Journal of Ecology		96	3	2008	
Malcolm	Heath	Research report for external body	Review of transboundary air pollution (RoTAP): acidification, eutrophication, ground level ozone and heavy metals in the UK					2012	Department of Environment, Food and Rural Affairs
Malcolm	Heath	Confidential report (for external body)	Heavy Metal Deposition Mapping: Concentrations and Deposition of Heavy Metals in Rural Areas of the UK					2012	
Malcolm	Heath	Research report for external body	Greenhouse Gas Inventories for England, Scotland, Wales and Northern Ireland: 1990 - 2009	AEAT/ENV/R/3222 Issue 1				2011	AEAT
Marsh	Terry	Chapter in book	Droughts and water management in England and Wales – with particular reference to reservoirs and lakes.	Encyclopaedia of Lakes and Reservoirs				2012	Springer
Marsh	Terry	Journal article	The Thames flood series: a lack of trend in flood magnitude and a decline in maximum levels.	Hydrology Research		43	3	2012	
Marsh	Terry	Conference contribution	The UK Benchmark Network - Designation, Evolution and Application	Tenth Symposium on Stochastic Hydraulics & Fifth International Conference on Water Resources and Environmental Research				2010	
May	Linda	Edited book	Loch Leven: 40 years of scientific research. Understanding the links between pollution, climate change and ecological response.	Developments in Hydrobiology		218		2012	Springer
May	Linda	Journal article	Maximum growing depth of macrophytes in Loch Leven, Scotland, United Kingdom, in relation to historical changes in estimated phosphorus loading.	Hydrobiologia		646	1	2010	
May	Linda	Research report for external body	The Impact of Phosphorus Inputs from Small Discharges on Designated Freshwater Sites.					2010	Natural England & Broads Authority
May	Linda	Journal article	The importance of nitrogen limitation in the restoration of Llangorse Lake, Wales, UK.	Journal of Environmental Monitoring		12	1	2010	
McNamara	Niall	Journal article	Comparing the closed static versus the closed dynamic chamber flux methodology: Implications for soil respiration studies	Plant and Soil		346	1-2	2011	
McNamara	Niall	Journal article	Diversity of the active methanotrophic community in acidic peatlands as assessed by mRNA and SIP-PLFA analyses	Environmental Microbiology		10	2	2008	
McNamara	Niall	Journal article	Gully hotspot contribution to landscape methane (CH4) and carbon dioxide (CO2) fluxes in a northern peatland	Science of the Total Environment		404	2-3	2008	
McNamara	Niall	Journal article	Increases in soil organic carbon sequestration can reduce the global warming potential of long-term liming to permanent grassland	Global Change Biology		17	5	2011	
Mills	Gina	Journal article	A synthesis of AOT40-based response functions and critical levels of ozone for agricultural and horticultural crops	Atmospheric Environment		41	12	Available online 8th Jan 2007	
Mills	Gina	Journal article	Chronic exposure to increasing background ozone impairs stomatal functioning in grassland species.	Global Change Biology		15	6	2009	
Mills	Gina	Journal article	Evidence of widespread effects of ozone on crops and (semi-)natural vegetation in Europe (1990–2006) in relation to AOT40- and flux-based risk maps	Global Change Biology		17	1	2010	

Mills	Gina	Journal article	New stomatal flux-based critical levels for ozone effects on vegetation	Atmospheric Environment		45	28	2011	
Monteith	Don	Research report for external body	Effects on Soils, Freshwaters & Vegetation.	Review of Transboundary Air Pollution (RoTAP)				2012	Department of Environment, Food and Rural Affairs
Monteith	Don	Journal article	Long-term variation in the littoral food web of an acidified mountain lake.	Global Change Biology		16		2010	
Monteith	Don	Journal article	Dissolved organic carbon trends resulting from changes in atmospheric deposition chemistry	Nature		450		2007 (published November 2007)	
Monteith	Don	Journal article	The UK Environmental Change Network: Emerging trends in the composition of plant and animal communities and the physical environment.	Biological Conservation		142	12	2009	
Moore	Robert	Journal article	Operational use of a grid-based model for flood forecasting	Water Management	n/a	165	2	2012	
Moore	Robert	Journal article	The PDM rainfall-runoff model	Hydrology and Earth System Sciences	n/a	11	1	2007	
Moore	Robert	Journal article	Distributed hydrological modelling using weather radar in gauged and ungauged basins	Advances in Water Resources	n/a	32	7	2009	
Moore	Robert	Conference contribution	Weather radar and hydrology	IAHS Publ 351	n/a	351		2012	ISBN 978-1-907161-26-1
Morris	David	Conference contribution	A new FEH rainfall depth-duration-frequency model for hydrological applications	Red Book Series: Weather Radar and Hydrology (Proceedings of a symposium held in Exeter, UK, April 2011)		351		2011	ISBN 978-1-907161-26-1
Morris	David	Journal article	Future Flows Climate: an ensemble of 1-km climate change projections for hydrological applications in Great Britain.	Earth System Science Data		4		2012	
Morris	David	Journal article	Assessment of the return period of near-PMP point and catchment rainfall for England and Wales.	Meteorological Applications		18		2011	
Morris	David	Journal article	A hydrological assessment of the November 2009 floods in Cumbria, UK.	Hydrology Research		Available online only		2012	
Morton	Daniel	Research data sets and databases	The UK Land Cover Map for 2007 (LCM2007)					2011	
Mountford	Owen	Research report for external body	Monitoring of Higher Level Stewardship – Final Report.					2012 (December)	Natural England
Mountford	Owen	Journal article	The potential for the endozoochorous dispersal of temperate fen plant species by free-roaming horses	Applied Vegetation Science		15	3	2012	
Mountford	Owen								CONFIDENTIAL OUTPUT
Naden	Pam	Journal article	Assessment of natural fluorescence as a tracer of diffuse agricultural pollution from slurry spreading on intensely-farmed grasslands.	Water Research		44	6	2010	
Naden	Pam	Journal article	CLASSIC: a semi-distributed rainfall-runoff modelling system.	Hydrology and Earth System Sciences		11	1	2007	
Naden	Pam	Journal article	Flow Modelling in Gravel Bed Rivers: Rethinking the Bottom Boundary Condition.	Earth Surface Processes and Landforms		36	10	2011	

Naden	Pam	Chapter in book	Modelling the impacts of climate change on dissolved organic carbon.	The Impact of Climate Change on European Lakes.					2010	Springer
Nemitz	Eiko	Journal article	An eddy-covariance system for the measurement of surface / atmosphere exchange fluxes of submicron aerosol chemical species – first application above an urban area	Aerosol Science and Technology		42	8		2008	
Nemitz	Eiko	Journal article	Contributions from transport, solid fuel burning and cooking to primary organic aerosols in two UK cities	Atmospheric Chemistry and Physics		10	2		2010	
Nemitz	Eiko	Journal article	Ground-level ozone influenced by circadian control of isoprene emissions.	Nature Geoscience		4			2011	
Nemitz	Eiko	Journal article	Nitrogen management is essential to prevent tropic oil palm plantations from causing ground level ozone pollution	Proceedings of the National Academy of Science of the USA (PNAS)		106	44		2009	
Newman	Jonathan	Research report for external body	EUPHRESKO DeCLAIM Final report. A State-of-the-art June 2011						2011	Department of Environment, Food and Rural Affairs
Newman	Jonathan	Performance	Hydrocotyle ranunculoides L.f. – Origins and Control Options.	In: 49th Annual Meeting of the Aquatic Plant Management Society					2009	
Newman	Jonathan	Other	Potential for biological control of Hydrocotyle ranunculoides in Europe.	Proceedings of the XII International Symposium on Biological Control of Weeds					2008	
Newman	Jonathan	Other	The use of barley straw to control algae						2012	
Norton	Lisa	Research report for external body	Countryside Survey: UK Results from 2007						2008	NERC, Defra, Scottish and Welsh Assembly Government, CCW, SNH, NE, NIEA (Northern Ireland Environment Agency), DOENI (Department for the Environment NI), FC (Forestry Commission)
Norton	Lisa	Research report for external body	Dealing with environmental challenges collectively: The Loweswater Care Project. Community catchment management at Loweswater, Cumbria						2011	RELU (BBSRC, ESRC, NERC)
Norton	Lisa	Journal article	Trialling a method to quantify the 'cultural services' of the English landscape using Countryside Survey data	Land Use Policy		29	2		2012	
Norton	Lisa	Journal article	Using models to bridge the gap between landuse and algal blooms: an example from the Loweswater catchment, UK.	Environmental Software and Modelling		36			2012	
Nunn	Miles	Journal article	Environmental Source of Candida dubliniensis	Emerging Infectious Diseases		13	5		2007	
Nunn	Miles	Journal article	Structure of and influence of a tick complement inhibitor on human complement component 5	Nature Immunology		9			2008	
Nunn	Miles	Patent	Treatment of diseases and conditions mediated by eicosanoids.						2009	CN102066412 (A), Priority number: WO2009GB00311
Nunn	Miles	Journal article	West Nile Virus vector Culex modestus established in Southern England.	Parasites & Vectors 5: 32.		5	32		2012	
Nuttall	Patricia	Patent	Dendritic cell modulator.						2009	WO2010/032008.
Nuttall	Patricia	Journal article	Variegain, a novel class of fast and tight binding thrombin inhibitor from the tropical bont tick.	The Journal of Biological Chemistry		282	40		5th Oct 2007	

Nuttall	Patricia	Journal article	A tick protein with a modified Kunitz fold inhibits human trypsin.	Journal of Molecular Biology		368	4	available online 14th March 2007	
Nuttall	Patricia	Journal article	Differential anti-chemokine activity of <i>Amblyomma variegatum</i> adult ticks during blood-feeding.	Parasite Immunology		29	4	first published online 22nd Jan 2007	
O'Hare	Matthew	Journal article	Understanding plant community responses to combinations of biotic and abiotic factors in different phases of the plant growth cycle.	PLOS ONE				2012	
O'Hare	Matthew	Journal article	Impacts of space, local environment and habitat connectivity on macrophyte communities in conservation lakes	Diversity and Distributions		18	6	2012	
O'Hare	Matthew	Journal article	Influence of an ecosystem engineer, the emergent macrophyte <i>Sparganium erectum</i> , on seed trapping in lowland rivers and consequences for landform colonisation	Freshwater Biology		57	1	2011	
O'Hare	Matthew								CONFIDENTIAL OUTPUT
Old	Gareth	Journal article	A novel application of natural fluorescence to understand the sources and transport pathways of pollutants from livestock farming in small headwater catchments.	Science of The Total Environment		417–418		2012	
Old	Gareth	Software	Ecological inundation impact assessment tools.					2011	
Old	Gareth	Confidential report (for external body)	Ecological impact assessment tools for fluvial flooding and coastal inundation.					2011	
Old	Gareth	Journal article	Assessing multiple novel tracers to improve the understanding of the contribution of agricultural farm waste to diffuse water pollution	Journal of Environmental Monitoring		12		2010	
Oliver	Tom	Journal article	Changes in habitat specificity of species at their climatic range boundaries	Ecology Letters		12	10	2009	
Oliver	Tom	Journal article	A decision framework for considering climate change adaptation in biodiversity conservation planning	Journal of Applied Ecology		49		2012	
Oliver	Tom	Journal article	Measuring functional connectivity using long-term monitoring data	Methods in Ecology and Evolution		2	5	2011	
Ostle	Nick	Journal article	Active root-inhabiting microbes identified by rapid incorporation of plant derived carbon into RNA	Proceedings of the National Academy of Science of the USA (PNAS)		104	43	2007 (published Oct 2007)	
Ostle	Nick	Journal article	Integrating plant-soil interactions into global carbon cycle models	Journal of Ecology		97	5	2009	
Ostle	Nick	Journal article	Microbial contributions to climate change through carbon cycle feedbacks	The ISME Journal		2	8	2008	
Ostle	Nick	Journal article	UK land use and soil carbon sequestration	Land Use Policy		26	Supplement 1	2009	
Packman	John	Journal article	Identification and correction of water velocity measurement errors associated with ultrasonic Doppler flow monitoring	Water and Environment Journal		22	3	2008	
Packman	John	Performance	Infiltration and storm runoff - what came before and what comes next	key note presentation to Wastewater Planning User Group (WaPUG)				November 2011	

Packman	John	Performance	Flood Hydrology in mixed urban/rural catchments	BHS national meeting on Integrated Urban Drainage					2010	
Packman	John	Confidential report (for external body)	Ecological impact assessment tools for fluvial flooding and coastal inundation, Technical Report (SC060040) to Environment Agency, Appendix B: Seasonal flood risk and relationship with catchment descriptors						2011	
Parr	Terry	Research report for external body	A Long-Term Biodiversity, Ecosystem and Awareness Research Network. Publishable Final Activity Report. 1st April 2004 - 31st March 2009						2009	European Commission
Parr	Terry	Working paper	Development of the International Long-term Ecological Research Network . Prefacio. Red Internacional de Investigación Ecológica a Largo Plazo: Alcances y direcciones futuras en Chile.			83			2010	
Parr	Terry	Research report for external body	LifeWatch - Service Plan for a European E-Science and Technology Research Infrastructure for biodiversity and ecosystem research: a European Research Infrastructure Consortium (ERIC).						2011	European Commission
Parr	Terry	Design	The GEO Biodiversity Observation Network. GEO BON Concept document. Group on Earth Observations/Biodiversity Observation Network, 45pp. (GEO-V Document 20) (Unpublished)						2008	http://www.earthobservations.org/documents/cop/bi_geobon/200811_geobon_concept_document.pdf
Pocock	Michael	Journal article	Can traits predict species' vulnerability? A test with farmland passerines in two continents.	Proceedings of the Royal Society B: Biological Sciences		278			2011	
Pocock	Michael	Journal article	Testing biotic indicator taxa: the sensitivity of insectivorous mammals and their prey to the intensification of lowland agriculture.	Journal of Applied Ecology		45			2008	
Pocock	Michael	Journal article	The Robustness and Restoration of a Network of Ecological Networks.	Science		335	6071		2012	
Pocock	Michael	Journal article	Ploidy influences rarity and invasiveness in plants	Journal of Ecology		99			2011	
Possee	Robert	Journal article	Generation of baculovirus vectors for the high throughput production of proteins in insect cells.	Biotechnology and Bioengineering		101	6		2008	
Possee	Robert	Journal article	Genetic modification of a baculovirus vector for increased expression in insect cells.	Cell Biology and Toxicology		26	1		2010	
Possee	Robert	Journal article	Extended budded virus formation and induction of apoptosis by an AcMNPV FP-25K/p35 double mutant in Trichoplusia ni cells.	Virus Research		133	2		2008	
Possee	Robert	Journal article	Sf29 gene of Spodoptera frugiperda multiple nucleopolyhedrovirus is a viral factor that determines the number of virions in occlusion bodies	Journal of Virology		82	16		2008	
Pottinger	Tom	Journal article	A cDNA microarray assessment of gene expression in the liver of rainbow trout (Oncorhynchus mykiss) in response to a handling and confinement stressor	Comparative Biochemistry and Physiology Part D Genomics and Proteomics		3	1		2008	
Pottinger	Tom	Journal article	Behavioral plasticity in rainbow trout (Oncorhynchus mykiss) with divergent coping styles: When doves become hawks	Hormones and Behaviour		54	4		2008	
Pottinger	Tom	Journal article	Impaired reproduction in three-spined sticklebacks exposed to ethinyl estradiol as juveniles	Biology of Reproduction		77	6		2007 (Published online August 15, 2007)	

Pottinger	Tom	Journal article	Variable neuroendocrine responses to ecologically-relevant challenges in sticklebacks	Physiology & Behavior		91	1	2007 (Available online 2 February 2007)	
Preston	Christopher	Journal article	Fifty years of change in an area of intensive agriculture: plant trait responses to habitat modification and conservation, Bedfordshire, England	Biodiversity and Conservation		18	13	2009	
Preston	Christopher	Journal article	Evolutionary significance of the invasion of introduced populations into the native range of <i>Meconopsis cambrica</i>	Molecular Ecology		20	20	2011	
Preston	Christopher	Journal article	Floristic elements in European vascular plants: an analysis based on Atlas Florae Europaeae	Journal of Biogeography		34	11	2007 (Article first published online: 25 JUL 2007)	
Preston	Christopher	Chapter in book	BRYOATT: attributes of British and Irish mosses, liverworts and hornworts.	BRYOATT: attributes of British and Irish mosses, liverworts and hornworts.				2007	NERC
Prudhomme	Christel	Journal article	Assessing uncertainties in climate change impact analyses on the river flow regimes in the UK. Part 1: baseline climate	Climatic Change		93	1-2	2009	
Prudhomme	Christel	Research data sets and databases	Future Flows Hydrology					2012	https://gateway.ceh.ac.uk/terraCatalog/OpenSearch.do?type=/Query/OpenSearch.do&search=f3723162-4fed-4d9d-92c6-dd17412fa37b
Prudhomme	Christel	Journal article	How well do large-scale models reproduce regional hydrological extremes in Europe?	Journal of Hydrometeorology		12	6	2011	
Prudhomme	Christel	Journal article	Scenario-neutral approach to climate change impact studies: application to flood risk	Journal of Hydrology		390		2010	
Purse	Bethan	Journal article	A new algorithm quantifies the roles of wind and midge flight activity in the bluetongue epizootic in northwest Europe	Proceedings of the Royal Society B: Biological Sciences		279	1737	2012	
Purse	Bethan	Journal article	Mapping invasive reservoir hosts of emerging plant pathogens	Biological Invasions		9	14	2012	
Purse	Bethan	Journal article	Invasion of bluetongue and other orbivirus infections into Europe: the role of biological and climatic processes	Revue Scientifique Et Technique-Office International Des Epizooties		27	2	2008	
Purse	Bethan	Journal article	Mapping the basic reproduction number (R0) for vector-borne diseases: A case study on bluetongue virus	Epidemics		1	3	2009	
Pywell	Richard	Journal article	Long-term heathland restoration on former grassland: The results of a 17-year experiment. <i>Biological Conservation</i>	Biological Conservation		144	5	2011	
Pywell	Richard	Journal article	Do restored calcareous grasslands on former arable fields resemble ancient targets? The effects of time, methods and environment on outcomes.	Journal of Applied Ecology		45	4	2008	
Pywell	Richard	Journal article	Wildlife-friendly farming benefits rare birds, bees and plants	Biology Letters		8	5	2012	
Pywell	Richard	Journal article	Long-term effects of hedgerow management policies on resource provision for wildlife	Biological Conservation		145	1	2012	

Ragab	Ragab	Journal article	A note on estimating urban roof runoff with a forest evaporation model.	Hydrological Processes		22	8	2008	
Ragab	Ragab	Journal article	Effect of irrigation methods, management and salinity of irrigation water on tomato yield, soil moisture and salinity distribution.	Irrigation Science		26	4	2008	
Ragab	Ragab	Journal article	Hydrological response of a Brazilian semi-arid catchment to different land use and climate change scenarios: a modelling study.	Hydrological Processes.		24	19	2010	
Ragab	Ragab	Journal article	IHMS– INTEGRATED HYDROLOGICAL MODELLING SYSTEM. Part 1. The hydrological processes and general structure	Hydrological Processes		24	19	2010	
Rees	Gwyn	Journal article	A new generic approach for estimating the concentrations of down-the-drain chemicals at catchment and national scale.	Environmental Pollution		148	1	2007	
Rees	Gwyn	Journal article	A simple method for assessing the vulnerability of wetland ecosystem services.	Hydrological Sciences Journal		56	8	2011	
Reis	Stefan	Journal article	Challenges in quantifying biosphere-atmosphere exchange of nitrogen species.	Environmental Pollution	N/A	150	1	2007 (Available online 2 July 2007)	
Reis	Stefan	Journal article	Uncertainties in the relationship between atmospheric nitrogen deposition and forest carbon sequestration.	Global Change Biology	N/A	14		2008	
Reis	Stefan	Journal article	Twenty-five years of continuous sulphur dioxide emission reduction in Europe.	Atmospheric Chemistry and Physics	N/A	7		2007 (discussion paper was also 2007 so not published before 2007)	
Reis	Stefan	Journal article	Evolution of NOx emissions in Europe with focus on road transport control measures.	Atmospheric Chemistry and Physics	N/A	9	4	2009	
Reynard	Nick	Journal article	Climate change and fluvial flood risk in the UK: More of the same?	Hydrological Processes		22	14	2008	
Reynard	Nick	Chapter in book	Climate change.	Future Flooding and Coastal Erosion Risks				2007	Thomas Telford
Reynard	Nick	Research report for external body	Regionalised impacts of climate change on flood flows.					2010	Department of Environment, Food and Rural Affairs
Reynard	Nick	Journal article	The UK Climate Change Risk Assessment 2012: Assessing the Impacts on Water Resources to Inform Policy Makers	Water Resources Management		online early, no volume number		2012	
Reynolds	Brian	Journal article	Buffering of recovery from acidification by organic acids	Science of The Total Environment		404	2-3	2008	
Reynolds	Brian	Journal article	Whole tree harvesting can reduce second rate rotation forest productivity	Forest Ecology and Management		257	3	2009	
Reynolds	Brian	Research data sets and databases	Plynlimon water chemistry data					2010	
Reynolds	Brian	Journal article	The impact of upland land management on flooding: results from an improved pasture hillslope	Hydrological Processes		23	3	2009	

Robinson	Mark	Journal article	Long-term environmental monitoring in the UK: Origins and achievements of the Plynlimon catchment study	Transactions of the Institute of British Geographers		online early version, no volume number yet		2012	
Robinson	Mark	Performance	Closing the gaps between science and public perception. International Conference - Water and Forests; a convenient truth?					2008	http://www.efi.int/files/attachments/water_forests_conference_conclusions.pdf
Robinson	Mark	Journal article	The long-term water balance (1972-2004) of upland forestry and grassland at Plynlimon, Mid-Wales.	Hydrology and Earth System Sciences		11	1	2007	
Robinson	Mark	Other	Plynlimon Hydrometric Review for 2009, with Special reference to the Decade 2000-2009					2010	http://nora.nerc.ac.uk/13127/1/PLYNLIMON_DATA_REVIEW_AND_FIGURES_2000-2009.pdf
Robson	Alice	Conference contribution	Countrywide flood forecasting in Scotland: challenges for hydrometeorological model uncertainty and prediction	Red Book Series: Weather Radar and Hydrology (Proceedings of a symposium held in Exeter, UK, April 2011)		351		2012	ISBN 978-1-907161-26-1
Robson	Alice	Research report for external body	Assessment of the G2G Model performance for the Cumbria floods of 21 November 2009	Contract Report to the Flood Forecasting Centre.				2010	Centre for Ecology & Hydrology, Wallingford, UK
Robson	Alice	Conference contribution	Weather radar and hydrology: a UK operational perspective	Red Book Series: Weather Radar and Hydrology (Proceedings of a symposium held in Exeter, UK, April 2011)		351		2012	ISBN 978-1-907161-26-1
Robson	Alice	Software	Probability-Distributed Model (PDM)					2012	http://www.ceh.ac.uk/products/software/CEHSoftware-RFFS-PDMmodel.htm
Rose	Rob	Journal article	The conservation of arable plants on cereal field margins: An assessment of new agri- environment scheme options in England, UK.	Biological Conservation		136	2	2007 (Available online 31 January 2007)	
Rose	Rob	Journal article	Restoration of <i>Calluna vulgaris</i> on grass-dominated moorlands: The importance of disturbance, grazing and seeding.	Biological Conservation		141	8	2008	
Rose	Rob	Journal article	Temperature and surface lapse rate change: a study of the UK's longest upland instrumental record.	International Journal of Climatology		31	6	2010	
Rose	Rob	Journal article	Long-term change in storm hydrographs in response to peatland vegetation change.	Journal of Hydrology	389		3-4	2010	
Roy	David	Research data sets and databases	Delivering Alien Invasive Species Inventories for Europe					2008	http://www.europe-alien.org
Roy	David	Research data sets and databases	National Biodiversity Network Gateway, version 5					2012	
Roy	David	Journal article	Rapid range shifts of species associated with high levels of climate warming	Science		333	6045	2011	

Roy	David	Journal article	Heterogeneous landscapes promote population stability	Ecology Letters		13	4	2010	
Roy	Helen	Journal article	Invasive alien predator causes rapid declines of native European ladybirds	Diversity and Distributions		18	7	2012	
Roy	Helen	Journal article	Decline in native ladybirds in response to the arrival of <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae): early evidence from England.	Ecological Entomology		36	2	2011	
Roy	Helen	Journal article	A fungal pathogen in time and space: population dynamics of <i>Beauveria bassiana</i> in a conifer forest.	FEMS Microbiology Ecology		74		2010	
Roy	Helen	Authored book	Ladybirds (Coccinellidae) of Britain and Ireland					2011	Field Studies Council of behalf of the Centre for Ecology & Hydrology's Biological Records Centre.
Schonrogge	Karsten	Journal article	Reconstructing Community Assembly in Time and Space Reveals Enemy Escape in a Western Palearctic Insect Community.	Current Biology		22	6	2012	
Schonrogge	Karsten	Journal article	Queen ants make distinctive sounds that are mimicked by a butterfly social parasite	Science		323	5915	2009	
Schonrogge	Karsten	Journal article	Unexpected benefit of a social parasite for a key fitness component of its ant host	The American Naturalist		179	1	2012	
Schonrogge	Karsten	Journal article	Host niches and defensive extended phenotypes structure parasitoid wasp communities	PLoS Biology		7	8	2009	
Sheppard	Lucy	Journal article	The legacy of enhanced N and S deposition as revealed by the combined analysis of $\delta^{13}C$, $\delta^{18}O$ and $\delta^{15}N$ in tree rings.	Global Change Biology		17	5	2011	
Sheppard	Lucy	Journal article	Dry deposition of ammonia gas drives species change faster than wet deposition of ammonium ions: evidence from a long-term field manipulation.	Global Change Biology		17	12	2011	
Sheppard	Lucy	Journal article	Implications of acidified S inputs on the fate and consequences of N deposition: results from a field manipulation of a Sitka spruce canopy in Southern Scotland.	International Journal of Environmental Studies		65	3	2008	
Sheppard	Lucy	Journal article	Stress responses of <i>Calluna vulgaris</i> to reduced and oxidised N applied under 'real world conditions'.	Environmental Pollution		154	3	2008	
Shore	Richard	Journal article	Binary mixture effects by PBDE congeners (47, 153, 183 or 209) and PCB congeners (126 or 153) in MCF-7 cells: biochemical alterations assessed by IR spectroscopy and multivariate analysis	Environmental Science And Technology		44	10	2010	
Shore	Richard	Journal article	Lead contamination and associated disease in reintroduced red kites <i>Milvus milvus</i> in England	Science of the Total Environment		376	1-3	2007 (Available online 16 February 2007)	
Shore	Richard	Chapter in book	Mercury in Non-marine Birds and Mammals.	Environmental Contaminants in Biota: Interpreting Tissue Concentrations, Second Edition				2011	CRC Press
Shore	Richard	Journal article	Second generation anticoagulant rodenticides in predatory birds: probabilistic characterisation of toxic liver concentrations and implications for predatory bird populations in Canada	Environment International		37	5	2011	
Singer	Andrew	Journal article	Assessing the ecotoxicologic hazards of a pandemic influenza medical response	Environmental Health Perspectives		119	8	2011	
Singer	Andrew	Journal article	Effect of earthworms on the active methanotrophic bacteria community structure in a landfill biocover soil	The ISME Journal		2	1	2008	

Singer	Andrew	Journal article	Meeting Report: Risk Assessment of Tamiflu® use under Pandemic Conditions	Environmental Health Perspectives		116	11	2008	
Singer	Andrew	Journal article	Potential risks associated with the proposed widespread use of Tamiflu	Environmental Health Perspectives		115	1	2007	
Skiba	Ute	Journal article	Influence of organic and mineral N fertiliser on N2O fluxes from a temperate grassland	Agriculture Ecosystems and Environment		121	01/02/2012	2007	
Skiba	Ute	Journal article	Biosphere-atmosphere exchange of reactive nitrogen and greenhouse gases at the NitroEurope core flux measurement sites: Measurement strategy and first data sets.	Agriculture Ecosystems and Environment		133		2009	
Skiba	Ute	Journal article	How do soil emissions of N2O, CH4 and CO2 from perennial bioenergy crops differ from arable annual crops?	GCB Bioenergy		4	4	2012	
Skiba	Ute	Journal article	UK emissions of the greenhouse gas nitrous oxide	Philosophical Transactions of the Royal Society B: Biological Sciences		367	1593	2012	
Smart	Simon	Journal article	Use of dynamic soil-vegetation models to assess impacts of nitrogen deposition on plant species composition: an overview	Ecological Applications		20		2010	
Smart	Simon	Journal article	Comment on "Productivity is a poor predictor of plant species richness"	Science		335	6075	2012	
Smart	Simon	Journal article	Clarity or confusion - problems in attributing large-scale ecological changes to anthropogenic drivers	Ecological Indicators		20		2012	
Smart	Simon	Journal article	Direct and indirect effects of nitrogen deposition on species composition change in calcareous grasslands	Global Change Biology		17	5	2011	
Smith	Rognvald	Journal article	Long-term datasets in biodiversity research and monitoring: assessing change in ecological communities through time	Trends in Ecology & Evolution		25		2010	
Smith	Rognvald	Journal article	The role of statistics in the analysis of ecosystem services	Environmetrics		22	5	2011	
Smith	Rognvald	Journal article	Effects of nitrogen enrichment on phosphatase activity and nitrogen: phosphorus relationships in <i>Cladonia portentosa</i>	New Phytologist		186	4	2010	
Smith	Rognvald	Journal article	How should regional biodiversity be monitored?	Environmental and Ecological Statistics		online first		2012	
Spears	Bryan	Journal article	Sediment amendment with Phoslock® in Clatto Reservoir (Dundee, UK): Investigating changes in sediment elemental composition and phosphorus fractionation	Journal of Environmental Management		93	1	2011	
Spears	Bryan	Journal article	Effects of light on sediment nutrient flux and water column nutrient stoichiometry in a shallow lake.	Water Research		42	4-5	2008	
Spears	Bryan	Research report for external body	WISER Deliverable D6.4-2: Analysis of cause-effect-recovery chains for lakes recovering from eutrophication. CEH report commissioned by the European Commission within the Seventh Framework Programme					2011	European Commission
Spears	Bryan	Journal article	The long-term (1979-2005) effects of the North Atlantic Oscillation on wind-induced wave mixing in Loch Leven (Scotland)	Hydrobiologia		646	1	2010	
Spurgeon	Dave	Journal article	Systems toxicology' approach identifies coordinated metabolic responses to copper in a terrestrial non-model invertebrate, the earthworm <i>Lumbricus rubellus</i> .	BMC Biology		6		2008	
Spurgeon	Dave	Journal article	Similarity, independence or interaction for binary mixture effects of nerve toxicants for the nematode <i>Caenorhabditis elegans</i> .	Environmental Toxicology and Chemistry		5		2010	
Spurgeon	Dave	Journal article	Outdoor and indoor cadmium distributions near and an abandoned smelting works and their relations to human exposure.	Environmental Pollution		159		2011	
Spurgeon	Dave	Journal article	Metabolic profiling detects early effects of environmental and lifestyle exposure to cadmium in a human population	BMC Medicine		10	61	2012	
Stewart	Lisa	Journal article	Comparative analysis of statistical and catchment modelling approaches to river flood frequency estimation	Journal of Flood Risk Management		2	1	2009	

Stewart	Lisa	Research report for external body	Estimating flood peaks and hydrographs for small catchments: Phase 1					2012	Environment Agency
Stewart	Lisa	Journal article	Frequency analysis of extreme rainfall in Cumbria, 16-20 November 2009	Hydrology Research		43	5	2012	
Stewart	Lisa	Research report for external body	Reservoir Safety - Long return period rainfall					2009	Department of Environment, Food and Rural Affairs
Stott	Andrew	Journal article	Changes in Benthic Denitrification, Nitrate Ammonification, and Anammox Process Rates and Nitrate and Nitrite Reductase Gene Abundances along an Estuarine Nutrient Gradient (the Colne Estuary, United Kingdom)	Applied and Environmental Microbiology		75		2009	
Stott	Andrew	Journal article	Dissimilatory reduction of nitrate to ammonium, not denitrification or anammox, dominates benthic nitrate reduction in tropical estuaries	Limnology and Oceanography		56	1	2011	
Stott	Andrew	Journal article	Soil Priming by Sugar & leaf-litter substrates: A link to microbial groups	Applied Soil Ecology		42		2009	
Stott	Andrew	Journal article	Stable isotope switching (SIS): a new stable isotope probing (SIP) approach to determine carbon flow in the soil food web and dynamics in organic matter pools	Rapid Communications in Mass Spectrometry		26	8	2012	
Sutton	Mark	Journal article	How a century of ammonia synthesis changed the world.	Nature Geoscience		1		2008	
Sutton	Mark	Journal article	Transformation of the Nitrogen Cycle: Recent Trends, Questions and Potential Solutions.	Science		320	5878	2008	
Sutton	Mark	Edited book	The European Nitrogen Assessment: Sources, Effects and Policy Perspectives					2011	Cambridge University Press
Sutton	Mark	Journal article	Grazing-induced reduction of natural nitrous oxide release from continental steppe.	Nature		464		2010	
Svendsen	Claus	Journal article	Comparative chronic toxicity of nanoparticulate and ionic zinc to the earthworm <i>Eisenia veneta</i> in a soil matrix.	Environment International,		37		2011	
Svendsen	Claus	Journal article	Transcriptome profiling of developmental and xenobiotic responses in a keystone soil animal, the oligochaete annelid <i>Lumbricus rubellus</i> .	BMC Genomics		9		2008	
Svendsen	Claus	Journal article	Can the joint effect of ternary mixtures be predicted from binary mixture toxicity results?	Science of the Total Environment		427-428		2012	
Svendsen	Claus	Journal article	Comparative transcriptomic responses to chronic cadmium, fluoranthene and atrazine exposure in <i>Lumbricus rubellus</i>	Environmental Science and Technology		42		2008	
Svensson	Cecilia	Journal article	An experimental comparison of methods for estimating rainfall intensity-duration-frequency relations from fragmentary records	Journal of Hydrology		341	1-2	2007 (Available online 22 May 2007)	
Svensson	Cecilia	Conference contribution	A joint probability approach to flood frequency estimation using Monte Carlo simulation	BHS Third International Symposium, Managing Consequences of a Changing Global Environment				2010	
Svensson	Cecilia	Journal article	Spatial risk assessment for extreme river flows	Journal of the Royal Statistical Society, Series C (Applied Statistics)		58	5	2009	
Svensson	Cecilia	Journal article	Spatial dependence in extreme river flows and precipitation for Great Britain	Journal of Hydrology		378	3-4	2009	

Taylor	Christopher	Journal article	Frequency of Sahelian storm initiation enhanced over mesoscale soil-moisture patterns	Nature Geoscience		4	7	2011	
Taylor	Christopher	Journal article	Afternoon rain more likely over drier soils	Nature		489		2012 (published online Sept 2012)	
Taylor	Christopher	Journal article	An observational case study of mesoscale atmospheric circulations induced by soil moisture.	Geophysical Research Letters		34	L15801	2007 (published 2 August 2007)	
Taylor	Christopher	Journal article	Observations of increased tropical rainfall preceded by air passage over forests.	Nature		489		2012 (Published online 05 September 2012)	
Thomas	Jeremy A	Journal article	Successful conservation of a threatened <i>Maculinea</i> butterfly	Science		325	5936	2009	
Thomas	Jeremy A	Journal article	Seasonal migration to high latitudes results in major reproductive benefits in an insect	Proceedings of the National Academy of Science of the USA (PNAS)		109	37	2012	
Thomas	Jeremy A	Journal article	Increased genetic diversity as a defence against parasites is undermined by social parasites: <i>Microdon mutabilis</i> hoverflies infesting <i>Formica lemmani</i> ant colonies	Proceedings of the Royal Society B: Biological Sciences		274	1606	2007	
Thomas	Jeremy A	Journal article	Mimetic host shifts in an endangered social parasite of ants	Proceedings of the Royal Society B: Biological Sciences		280	1751	2013 (Nov 2012 online pre-hard copy publication)	
Thompson	Jill	Journal article	Advances in the Use of DNA Barcodes to Build a Community Phylogeny for Tropical Trees in a Puerto Rican Forest Dynamics Plot	PLoS One		5	11	2010	
Thompson	Jill	Journal article	Assessing Evidence for a Pervasive Alteration in Tropical Tree Communities	PLoS Biology		6	3	2008	
Thompson	Jill	Journal article	The influence of spatial and size scale on phylogenetic relatedness in tropical forest communities	Ecology		88	7	2007	
Thompson	Jill	Journal article	Trait similarity, shared ancestry and the structure of neighbourhood interactions in a subtropical wet forest: implications for community assembly	Ecology Letters		13		2010	
Tipping	Edward	Journal article	Long-term mercury dynamics in UK soils	Environmental Pollution		159	12	2011	
Tipping	Edward	Journal article	N14C: a plant-soil nitrogen and carbon cycling model to simulate terrestrial ecosystem responses to atmospheric nitrogen deposition	Ecological Modelling		247		2012	
Tipping	Edward	Journal article	Simulation of carbon cycling, including dissolved organic carbon transport, in forest soil locally enriched with 14C.	Biogeochemistry		108	1-3	2012	

Tipping	Edward	Journal article	Sources and ages of dissolved organic matter in peatland streams: evidence from mixture modelling and 14C.	Biogeochemistry		100		2010	
van der Gast	Christopher	Journal article	Evolutionary divergence and biogeography of sympatric niche-differentiated bacterial populations	The ISME Journal		4		2010	
van der Gast	Christopher	Journal article	Neutral assembly of bacterial communities.	FEMS Microbiology Ecology		62	2	2007	
van der Gast	Christopher	Journal article	Partitioning core and satellite taxa from within cystic fibrosis lung bacterial communities.	The ISME Journal		5		2011	
van der Gast	Christopher	Journal article	The role of ecological theory in microbial ecology.	Nature Rev Microbiol		5		2007	
Van Oijen	Marcel	Journal article	A Bayesian framework for model calibration, comparison and analysis: application to four models for the biogeochemistry of a Norway spruce forest.	Agricultural and Forest Meteorology		151	12	2011	
Van Oijen	Marcel	Journal article	Coffee agroforestry systems in Central America: II. Development of a simple process-based model and preliminary results.	Agroforestry Systems		80		2010	
Van Oijen	Marcel	Journal article	On the relative magnitudes of photosynthesis, respiration, growth and carbon storage in vegetation.	Annals of Botany		105	5	2010	
Van Oijen	Marcel	Journal article	The likely impact of elevated [CO ₂], nitrogen deposition, increased temperature, and management on carbon sequestration in temperate and boreal forest ecosystems: a literature review	New Phytologist		173		2007 (Article first published online: 16 JAN 2007)	
Vanbergen	Adam	Journal article	Functional Traits and Local Environment Predict Vegetation Responses to Disturbance: A Pan-European Multi-Site Experiment	Journal of Ecology		99	33	2011	
Vanbergen	Adam	Journal article	Functional Traits as Indicators of Biodiversity Response to Land Use Changes across Ecosystems and Organisms	Biodiversity and Conservation		19	10	2010	
Vanbergen	Adam	Journal article	Experimental verification of suction sampler capture efficiency in grasslands of differing vegetation height and structure	Journal of Applied Ecology		45	5	2008	
Vanbergen	Adam	Journal article	Trophic Level Modulates Carabid Beetle Responses to Habitat and Landscape Structure: A Pan-European Study	Ecological Entomology		35	2	2010	
Wang	Hui	Patent	Biosensor and uses thereof					2011	WO2012066321
Wang	Hui	Patent	Compositions comprising IGBPMA and uses thereof					2007	WO 2007/051975
Wang	Hui	Journal article	Evidence for GC preference by monocot Dicer-like proteins.	Biochemical and Biophysical Research Communications		368		2008	
Wang	Hui	Journal article	Evidence for targeting common siRNA hotspots and GC preference by plant Dicer-like proteins	FEBS Letters		581	17	2007 (Available online 21 June 2007)	
Wanless	Sarah	Journal article	Can ethograms be automatically generated using body acceleration data from free-ranging birds?	PLoS One		4	4	2009	
Wanless	Sarah	Journal article	Reproductive senescence in a long-lived seabird: rates of decline in late-life performance are associated with varying costs of early reproduction	The American Naturalist		171	2	2008	
Wanless	Sarah	Journal article	Climate, copepods and seabirds in the boreal Northeast Atlantic – current state and future outlook	Global Change Biology		19	2	2012	
Wanless	Sarah	Journal article	Trophic level asynchrony in rates of phenological change for marine, freshwater and terrestrial environments	Global Change Biology		16	12	2010	

Watt	Allan	Journal article	Conflicts between Biodiversity conservation and human activities in the central and eastern European countries	AMBIO: A Journal of the Human Environment		36	7	2007 (published Nov 2007)	
Watt	Allan	Journal article	Research needs for incorporating the ecosystem service approach into EU biodiversity conservation policy.	Biodiversity and Conservation		19		2010	
Watt	Allan	Journal article	Scale-specific correlations between habitat heterogeneity and soil fauna diversity along a landscape structure gradient.	Oecologia		153		2007	
Watt	Allan	Journal article	Training future experts in "biodiversity and ecosystem services": a progress report.	Regional Environmental Change		8	3	2008	
Whiteley	Andrew	Journal article	Raman-FISH: Combining stable-isotope Raman spectroscopy and fluorescence in situ hybridization for the single cell analysis of identity and function	Environmental Microbiology		9	8	2007 Aug	
Whiteley	Andrew	Journal article	Vegetation Affects the Relative Abundances of Dominant Soil Bacterial Taxa and Soil Respiration Rates in an Upland Grassland Soil	Microbial Ecology		59	2	2010	
Whiteley	Andrew	Journal article	Comparison of bacterioneuston and bacterioplankton dynamics during a phytoplankton bloom in a fjord mesocosm	Applied and Environmental Microbiology		75	22	2009	
Whiteley	Andrew	Journal article	Non-destructive sampling of rock-dwelling microbial communities using sterile adhesive tape	Journal of Microbiological Methods		9	3	Available online 26 September 2012	
Williams	Richard	Journal article	A national risk assessment for intersex in fish arising from steroid estrogens	Environmental Toxicology and Chemistry		28	1	2009	
Williams	Richard	Journal article	Assessment of current water pollution loads in Europe: estimation of gridded loads for use in global water quality models	Hydrological Processes		26	16	2012	
Williams	Richard	Journal article	Modelling indicators of water security, water pollution and aquatic biodiversity in Europe - Modélisation d'indicateurs de sécurité de l'eau, de pollution de l'eau, et de biodiversité aquatique en Europe	Hydrological Sciences Journal		57	7	2012	
Williams	Richard	Journal article	Comparing predicted against measured steroid estrogen concentrations and the associated risk in two United Kingdom river catchments	Environmental Toxicology and Chemistry		31	4	2012	
Wilson	Julia	Journal article	Biological flora of the British Isles: <i>Campanula rotundifolia</i>	Journal of Ecology		100	3	2012	
Wilson	Julia	Journal article	Mycorrhizas in agroforestry: spread and sharing of arbuscular mycorrhizal fungi between trees and crops: complementary use of molecular and microscopic approaches	Plant and Soil		294	1-2	2007	
Wilson	Julia	Journal article	Plio-Pleistocene history and phylogeography of <i>Acacia senegal</i> in dry woodlands and savannahs of sub-Saharan tropical Africa: evidence of early colonisation and recent range expansion	Heredity.		109		2012	
Wilson	Julia	Journal article	Tree growth and management in Ugandan agroforestry systems: effects of root pruning on tree growth and crop yield	Tree Physiology		28	2	2008	
Winfield	Ian	Journal article	Antagonistic selection from predators and pathogens alters food-web structure.	Proceedings of the National Academy of Science of the USA (PNAS)		105	50	2008	
Winfield	Ian	Journal article	Assessment of fish populations in still waters using hydroacoustics and survey gill netting: experiences with Arctic charr (<i>Salvelinus alpinus</i>) in the U.K.	Fisheries Research		96	1	2009	
Winfield	Ian	Journal article	Harvest-induced disruptive selection increases variance in fitness-related traits.	Proceedings of the Royal Society B: Biological Sciences		276	1676	2009	

Winfield	Ian	Journal article	Long-term changes in the diet of pike (<i>Esox lucius</i>), the top aquatic predator in a changing Windermere.	Freshwater Biology		57	2	2012	
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