

EVALUATION OF NERC CENTRES 2013

RESEARCH EXCELLENCE SUBMISSION: NATIONAL OCEANOGRAPHY CENTRE

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)

Surname	First name	Output type	Title	Volume title	Article number	Volume number	Issue number	Year	Publisher	End
Aksenov	Yevgeny	Journal article	The North Atlantic inflow to the Arctic Ocean: High-resolution model study	Journal of Marine Systems	-	79	1-2	2010		
Aksenov	Yevgeny	Journal article	Polar Outflow from the Arctic Ocean: A high resolution model study	Journal of Marine Systems		83	1-2	2010		
Aksenov	Yevgeny	Journal article	The Arctic Circumpolar Boundary Current	Journal of Geophysical Research	C09017	116	-	2011		
Aksenov	Yevgeny	Journal article	Effects of atmospheric dynamics and ocean resolution on bi-stability of the thermohaline circulation examined using the Grid ENabled Integrated Earth system modelling (GENIE) framework	Climate Dynamics	-	29	6	2007		
Allen	John	Journal article	Spatial demography of <i>Calanus finmarchicus</i> in the Irminger Sea	Progress in Oceanography	-	76	1	2008		
Allen	John	Journal article	Sedimentation of acantharian cysts in the Iceland Basin: Strontium as a ballast for deep ocean particle flux, and implications for acantharian reproductive strategies	Limnology and Oceanography	-	55	2	2010		
Allen	John	Journal article	A Novel Integration of an Ultraviolet Nitrate Sensor On Board a Towed Vehicle for Mapping Open-Ocean Submesoscale Nitrate Variability	Journal of Atmospheric and Oceanic Technology	-	27	8	2010		
Allen	John	Journal article	Oceanic heat transport onto the Amundsen Sea shelf through a submarine glacial trough	Geophysical Research Letters	L02602	34	-	2007		
Amoudry	Laurent	Journal article	Impact of sediment-induced stratification and turbulence closures on sediment transport and morphological modelling	Continental Shelf Research		31	9	2011		
Amoudry	Laurent	Journal article	Parameterization of near-bed processes under collinear wave and current flows from a two-phase sheet flow model	Continental Shelf Research		30	13	2010		
Amoudry	Laurent	Journal article	Two-dimensional, two-phase granular sediment transport model with applications to scouring downstream of an apron	Coastal Engineering		56	7	2009		
Amoudry	Laurent	Journal article	Effects of instrumented bottom-tripods on process measurements	Journal of Atmospheric and Oceanic Technology		28	6	2011		
Anderson	Thomas	Journal article	Progress in marine ecosystem modelling and the "unreasonable effectiveness of mathematics"	Journal of Marine Systems	-	81	1-2	2010		
Anderson	Thomas	Journal article	Influence of grazing formulations on the emergent properties of a complex ecosystem model in a global general circulation model	Progress in Oceanography	-	87	1-4	2010		
Anderson	Thomas	Journal article	Excess carbon in aquatic organisms and ecosystems: Physiological, ecological, and evolutionary implications	Limnology and Oceanography	-	53	-	2008		
Anderson	Thomas	Journal article	Parameter optimisation techniques and the problem of underdetermination in marine biogeochemical models	Journal of Marine Systems	-	81	-	2010		
Bacon	Sheldon	Journal article	The Deep Western Boundary Current at Cape Farewell: results from a Moored Current Meter Array	Journal of Physical Oceanography		40	4	2010		
Bacon	Sheldon	Journal article	Western Arctic Ocean freshwater storage increased by wind-driven spin-up of the Beaufort Gyre	Nature Geoscience		5	3	2012		
Bacon	Sheldon	Journal article	Arctic Ocean warming contributes to reduced Polar Ice cap.	Journal of Physical Oceanography		40	12	2010		
Bacon	Sheldon	Journal article	The Arctic Ocean in summer: a quasi-synoptic inverse estimate of boundary fluxes and water mass transformation	Journal of Geophysical Research	C01024	117	-	2012		
Bell	Paul	Journal article	Mapping bathymetry using X-band marine radar data recorded from a moving vessel.	Ocean Dynamics		61	12	2011		

Bell	Paul	Journal article	Larger-scale morphodynamic impacts of segmented shore-parallel breakwaters on coasts and beaches: an overview of the LEACOAST2 Project	Shore and Beach		78	4	2010	
Bell	Paul	Journal article	Working toward a common strategy for U.K. sediment transport research.	EOS Transactions of the Geophysical Union		91	5	2010	
Bell	Paul	Journal article	Observations and analysis of sediment diffusivity profiles over sandy rippled beds under waves	Journal of Geophysical Research	C02023	114	-	2009	
Best	Angus	Journal article	A laboratory study of seismic velocity and attenuation anisotropy in near surface sedimentary rocks	Geophysical Prospecting	-	55	5	2007	
Best	Angus	Journal article	An anisotropic model for the electrical resistivity of two-phase geological materials	Geophysics	-	75	6	2010	
Best	Angus	Journal article	Joint elastic-electrical properties of reservoir sandstones and their relationships with petrophysical parameters	Geophysical Prospecting	-	59	3	2011	
Best	Angus	Journal article	Application of the BISQ model to clay squirt flow in reservoir sandstones	Journal of Geophysical Research	B06209	115	-	2010	
Bett	Brian	Journal article	Long-term change in the abyssal NE Atlantic: The 'Amperima Event' revisited	Deep Sea Research Part II: Topical Studies in Oceanography	-	57	15	2010	
Bett	Brian	Journal article	Faunal responses to oxygen gradients on the Pakistan margin: A comparison of foraminiferans, macrofauna and megafauna.	Deep Sea Research Part II: Topical Studies in Oceanography	-	56	6-7	2009	
Bett	Brian	Journal article	Climate, carbon cycling, and deep-ocean ecosystems	Proceedings of the National Academy of Science of the USA (PNAS)	-	106	46	2009	
Bett	Brian	Journal article	Global patterns and predictions of seafloor biomass using random forests	PLoS ONE	e15323	5	12	2010	
Billett	David	Journal article	The trophic biology of the holothurian <i>Molpadia musculus</i> : implications for organic matter cycling and ecosystem functioning in a deep submarine canyon	Biogeosciences	-	7	8	2010	
Billett	David	Journal article	Phytopigments as biomarkers of selectivity in abyssal holothurians; inter-species differences in response to a changing food supply	Deep Sea Research Part II: Topical Studies in Oceanography	-	57	15	2010	
Billett	David	Journal article	Patterns of marine bacterioplankton biodiversity in the surface waters of the Scotia Arc, Southern Ocean	FEMS Microbiology Ecology	-	80	2	2012	
Billett	David	Journal article	The effects of natural iron fertilisation on deep-sea ecology	PLoS ONE	e20697	6	6	2011	
Challenor	Peter	Journal article	Addressing the Impact of Environmental Uncertainty in Plankton Model Calibration with a Dedicated Software System: the Marine Model Optimization Testbed (MarMOT 1.1 Alpha)	Geoscientific Model Development	-	5	2	2012	
Challenor	Peter	Journal article	A New Statistical Modeling Approach to Ocean Front Detection From SST Satellite Images	Journal of Atmospheric Technology	-	27	1	2010	
Challenor	Peter	Journal article	Sea-Level Probability for the Last Deglaciation: a Statistical Analysis of Far-Field Records	Global and Planetary Change	-	79	3-4	2011	
Challenor	Peter	Journal article	A comparison of estimators for the generalised Pareto distribution	Ocean Engineering	-	38	11-12	2011	
Cipollini	Paolo	Journal article	Exploiting the potential of an improved multi-mission altimetric dataset over the coastal ocean	Geophysical Research Letters	L10601	35	-	2008	
Cipollini	Paolo	Journal article	An evaluation of the classical and extended Rossby wave theories in explaining spectral estimates of the first few baroclinic modes in the South Pacific Ocean	Ocean Dynamics		57	3	2007	
Cipollini	Paolo	Journal article	On the sub-decadal variability of South Atlantic Antarctic Intermediate Water	Geophysical Research Letters	L10605	39	10	2012	

Cipollini	Paolo	Journal article	Seasonal to interannual phytoplankton response to physical processes in the Mediterranean Sea from satellite observations	Remote Sensing of Environment		117		2012	
Connelly	Douglas	Journal article	The distribution and stabilisation of dissolved Fe in deep-sea hydrothermal plumes	Earth and Planetary Science Letters	-	270	3-4	2008	
Connelly	Douglas	Journal article	Hydrothermal activity on the southern Mid-Atlantic Ridge: Tectonically- and volcanically-controlled venting at 4–5°S	Earth and Planetary Science Letters		273	-	2008	
Connelly	Douglas	Journal article	Hydrothermal vent fields and chemosynthetic biota on the world's deepest seafloor spreading centre	Nature Communications	620	3	-	2012	
Connelly	Douglas	Journal article	The discovery of new deep-sea hydrothermal vent communities in the Southern Ocean and implications for biogeography	PLoS Biology	e1001234	10	1	2012	
Cunningham	Stuart	Journal article	Temporal variability of the Atlantic meridional overturning circulation at 26.5°N	Science	-	317	-	2007	
Cunningham	Stuart	Journal article	Continuous, array-based estimates of Atlantic Ocean heat transport at 26.5 °N	Journal of Climate	-	24	10	2010	
Cunningham	Stuart	Journal article	Transatlantic temperature and salinity changes at 24.5°N from 1957 to 2004	Geophysical Research Letters	L14606	34	14	2007	
Cunningham	Stuart	Journal article	Observed flow compensation associated with the MOC at 26.5°N in the Atlantic	Science	-	317		2007	
Davies	Alan	Journal article	A model study of tidal distributions in the Celtic and Irish Sea regions determined with finite volume and finite element models	Ocean Dynamics	-	61	10	2011	
Davies	Alan	Journal article	Influence of bottom frictional effects in sill regions upon lee wave generation and implications for internal mixing	Ocean Dynamics	-	59	6	2009	
Davies	Alan	Journal article	On the importance of non-hydrostatic processes in determining tidally induced mixing in sill regions	Continental Shelf Research	-	27	16	2007	
Davies	Alan	Journal article	On the influence of stratification and tidal forcing upon mixing in sill regions	Ocean Dynamics	-	57	4-5	2007	
De Cuevas	Beverley	Journal article	Arctic Ocean freshwater: How robust are model simulations?	Journal of Geophysical Research	C00D16	117	-	2012	
De Cuevas	Beverley	Journal article	Bistability of the Atlantic overturning circulation in a global climate model and links to ocean freshwater transport	Geophysical Research Letters	L10605	38	-	2011	
De Cuevas	Beverley	Journal article	Response of the Southern Ocean to the Southern Annular Mode: Interannual Variability and Multidecadal Trend	Journal of Physical Oceanography	-	40	-	2010	
De Cuevas	Beverley	Journal article	On the fast response of the Southern Ocean to changes in the zonal wind	Ocean Science	-	3	-	2007	
Edwards	Rose	Journal article	Cenozoic evolution of the eastern Black Sea: a test of depth-dependent stretching models.	Earth and Planetary Science Letters	-	265	3-4	2008	
Edwards	Rose	Journal article	Dalrymple Trough: an active oblique-slip ocean-continent boundary in the northwest Indian Ocean	Earth and Planetary Science Letters	-	272	1-2	2008	
Edwards	Rose	Journal article	Abrupt transition from magma-starved to magma-rich rifting in the eastern Black Sea	Geology	-	37	-	2009	
Edwards	Rose	Journal article	Wide-angle seismic data reveal extensive overpressures in the Eastern Black Sea Basin	Geophysical Journal International	-	178	2	2009	
Gommenger	Christine	Journal article	Validating SMOS ocean surface salinity in the Atlantic with Argo and operational ocean model data	IEEE Transactions on Geoscience and Remote Sensing	-	50	-	2012	
Gommenger	Christine	Journal article	Analysis of GNSS-R delay-doppler maps from the UK-DMC satellite over the ocean	Geophysical Research Letters	L02608	36	-	2009	
Gommenger	Christine	Journal article	A Parametric Model for Ocean Wave Period from Ku-band Altimeter Data	Journal of Geophysical Research	C03029	113	-	2008	
Gommenger	Christine	Chapter in book	Retracking altimeter waveforms near the coasts	Coastal Altimetry	-	-	-	2011	Springer-Verlag
Goody	Andrew	Journal article	First insights into biodiversity and biogeography of the Southern Ocean deep sea	Nature	-	447	-	2007	

Gooday	Andrew	Journal article	Deep-Sea Biodiversity in the Mediterranean Sea: The Known, the Unknown, and the Unknowable	PLoS ONE	e11832	5	8	2010	
Gooday	Andrew	Journal article	Bipolar gene flow in deep-sea benthic foraminifera.	Molecular Ecology	-	16	-	2007	
Gooday	Andrew	Journal article	Oxygen as a control on seafloor biological communities and their roles in sedimentary carbon cycling	Limnology and Oceanography	-	52	4	2007	
Green	Darryl	Journal article	Phytoplankton calcification in a high-CO2 world	Science	-	320	-	2008	
Green	Darryl	Journal article	Interlaboratory comparison study of calibration standards for foraminiferal Mg/Ca thermometry	Geochemistry, Geophysics, Geosystems	Q08010	9	-	2008	
Green	Darryl	Journal article	Global contribution of echinoderms to the marine carbon cycle: a re-assessment of the oceanic CaCO3 budget and the benthic compartments	Ecological Monographs	-	80	-	2010	
Green	Darryl	Journal article	Dissolved and particulate organic carbon in hydrothermal plumes from the East Pacific Rise, 9°50'N	Deep-Sea Research Part I: Oceanographic Research Papers	-	58	9	2011	
Griffiths	Gwyn	Journal article	A Markov Chain state transition approach to establishing critical phases for AUV reliability.	IEEE Journal of Oceanic Engineering	-	36	1	2011	
Griffiths	Gwyn	Journal article	Risk Analysis for Autonomous Underwater Vehicle Operations in Extreme Environments	Risk Analysis	-	30	12	2010	
Griffiths	Gwyn	Journal article	Exploring Antarctic subglacial lakes with scientific probes: a formal probabilistic approach for operational risk management	Journal of Glaciology	-	12	212	2012	
Griffiths	Gwyn	Journal article	Changing Currents: A strategy for understanding and predicting the changing ocean circulation	Philosophical Transactions Of The Royal Society A: Mathematical, Physical And Engineering Sciences	-	370	-	2012	
Grist	Jeremy	Journal article	Temperature signature of high latitude Atlantic boundary currents revealed by marine mammal-borne sensor and Argo data	Geophysical Research Letters	L15601	38	15	2011	
Grist	Jeremy	Journal article	The roles of surface heat flux and ocean heat transport convergence in determining Atlantic Ocean temperature variability	Ocean Dynamics	-	60	4	2010	
Grist	Jeremy	Journal article	On the Relationship between the North Atlantic Meridional Overturning Circulation and the Surface-Forced Overturning Streamfunction	Journal of Climate	-	22	19	2009	
Grist	Jeremy	Journal article	Surface estimates of the Atlantic overturning in density space in an eddy-permitting ocean model	Journal of Geophysical Research	C06012	117	C6	2012	
Hartman	Susan	Journal article	The seasonal pCO2 cycle at 49°N/16.5°W in the northeastern Atlantic Ocean and what it tells us about biological productivity	Journal of Geophysical Research	C04020	113	-	2008	
Hartman	Susan	Journal article	Predominance of heavily calcified coccolithophores at low CaCO3 saturation during winter in the Bay of Biscay	Proceedings of the National Academy of Science of the USA (PNAS)	-	109	23	2012	
Henson	Stephanie	Journal article	Decadal variability in North Atlantic phytoplankton blooms	Journal of Geophysical Research	C04013	114	-	2009	
Henson	Stephanie	Journal article	Detection of anthropogenic climate change in satellite records of ocean chlorophyll and productivity	Biogeosciences	-	7	-	2010	
Henson	Stephanie	Journal article	Variability in phytoplankton community structure in response to the North Atlantic Oscillation and implications for organic carbon flux	Limnology and Oceanography	-	57	6	2012	
Henson	Stephanie	Journal article	A reduced estimate of the strength of the ocean's biological carbon pump	Geophysical Research Letters	L04606	38	-	2011	
Hirschi	Joel	Journal article	Reconstructing the meridional overturning circulation from boundary densities and the zonal wind stress	Journal of Physical Oceanography	-	37	3	2007	
Hirschi	Joel	Journal article	Subannual, seasonal and interannual variability of the North Atlantic meridional overturning circulation.	Journal of Physical Oceanography	-	37	5	2007	
Hirschi	Joel	Journal article	Seasonal variability of the Atlantic meridional overturning circulation at 26.5°N	Journal of Climate	-	23	21	2010	

Hirschi	Joel	Journal article	Atlantic meridional overturning circulation during the last glacial maximum	Science	-	316	5821	2007	
Holgate	Simon	Journal article	On the decadal rates of sea level change during the twentieth century	Geophysical Research Letters	L01602	34	1	2007	
Holgate	Simon	Journal article	Comment on "A semi-empirical approach to projecting future sea-level rise"	Science	-	317	5846	2007	
Holgate	Simon	Journal article	Real time sea level data transmission from tide gauges for tsunami monitoring and long term sea level rise observations	Journal of Operational Oceanography		1	-	2008	
Holgate	Simon	Journal article	Evidence for the accelerations of sea level on multi-decade and century timescales	International Journal of Climatology		29	6	2009	
Holliday	Naomi	Journal article	Reversal of the 1960s - 1990s Freshening Trend in the northeast North Atlantic and Nordic Seas	Geophysical Research Letters	L03614	35	-	2008	
Holliday	Naomi	Journal article	Retroflection of part of the east Greenland current at Cape Farewell	Geophysical Research Letters	L07609	34	-	2007	
Holliday	Naomi	Journal article	Circulation and transport in the western boundary currents at Cape Farewell, Greenland	Journal of Physical Oceanography		39	8	2009	
Holliday	Naomi	Journal article	Transformation of the Labrador Sea Water in the subpolar North Atlantic	Geophysical Research Letters	L22605-L22701	34	-	2007	
Holt	Jason	Journal article	Down-welling circulation of the northwest European continental shelf: a driving mechanism for the continental shelf carbon pump	Geophysical Research Letters	L14602	36	-	2009	
Holt	Jason	Journal article	Multi-decadal variability of the temperature of the northwest European continental shelf: a model-data synthesis	Progress in Oceanography	-	106	-	2012	
Holt	Jason	Journal article	Oceanic controls on the primary production of the northwest European continental shelf: model experiments under recent past conditions and a potential future scenario	Biogeosciences	-	9	-	2012	
Holt	Jason	Journal article	The potential impacts of climate change on the hydrography of the northwest European continental shelf	Progress in Oceanography	-	86	3-4	2010	
Horsburgh	Kevin	Journal article	The impact of future sea-level rise on the European Shelf tides	Continental Shelf Research		35	-	2012	
Horsburgh	Kevin	Journal article	Development and evaluation of an ensemble forecasting system for coastal storm surges	Quarterly Journal of the Royal Meteorological Society		136	-	2010	
Horsburgh	Kevin	Journal article	Thermohaline circulation of shallow tidal seas	Geophysical Research Letters	L11605	35	-	2008	
Horsburgh	Kevin	Journal article	Extreme value analysis of decadal variations in storm surge elevations	Journal of Marine Systems		67	1-2	2007	
Howarth	Michael	Journal article	Extracting sea level residual in tidally dominated estuarine environments	Ocean Dynamics	-	62	7	2012	
Howarth	Michael	Journal article	Physical and dynamical oceanography of Liverpool Bay	Ocean Dynamics	-	61	-	2011	
Howarth	Michael	Journal article	The Liverpool Bay Coastal Observatory	Ocean Dynamics	-	61	11	2011	
Hughes	Christopher	Journal article	Meridional coherence of the North Atlantic meridional overturning circulation	Geophysical Research Letters	L23606	34	-	2007	
Hughes	Christopher	Journal article	Signature of the Atlantic meridional overturning circulation in sea level along the east coast of North America	Geophysical Research Letters	L02603	36	-	2009	
Hughes	Christopher	Journal article	The color of sea level: Importance of spatial variations in spectral shape for assessing the significance of trends	Journal of Geophysical Research	C10048	115	-	2010	
Hughes	Christopher	Journal article	Weighing the ocean: Using a single mooring to measure changes in the mass of the ocean	Geophysical Research Letters	L17602	39	-	2012	
Huthnance	John	Journal article	Quantifying Future Climate Change	Nature Climate Change	-	2		2012	

Huthnance	John	Journal article	Internal tides, nonlinear internal wave trains, and mixing in the Faroe-Shetland Channel	Journal of Geophysical Research	C03008	116	-	2011	
Huthnance	John	Journal article	Deep ocean exchange with west-European shelf seas	Ocean Science	-	5	-	2009	
Huthnance	John	Journal article	Accelerating dense-water flow down a slope	Journal of Physical Oceanography	-	39	-	2009	
Huvenne	Veerle	Journal article	The Magellan mound province in the Porcupine Basin	International Journal of Earth Sciences	-	96	1	2007	
Huvenne	Veerle	Journal article	Sediment dynamics and palaeo-environmental context at key stages in the Challenger cold-water coral mound formation: clues from sediment deposits at the mound base	Deep-Sea Research Part I: Oceanographic Research Papers	-	56	12	2009	
Huvenne	Veerle	Journal article	Efficient burial of carbon in a submarine canyon	Geology	-	38	9	2010	
Huvenne	Veerle	Journal article	A picture on the wall: Innovative mapping reveals cold-water coral refuge in submarine canyon	PLoS One	e28755	6	12	2011	
Hydes	David	Journal article	Contrasting effects of temperature and winter mixing on the seasonal and inter-annual variability of the carbonate system in the Northeast Atlantic Ocean	Biogeosciences	-	7	5	2010	
Hydes	David	Journal article	Constraining oceanic dust deposition using surface ocean dissolved Al	Global Biogeochemical Cycles	GB2003	22	-	2008	
Hydes	David	Journal article	Short-term dynamics of oxygen and carbon in productive nearshore shallow seawater systems off Taiwan: Observations and modeling	Limnology and Oceanography	-	56	5	2011	
Hydes	David	Journal article	Seasonal dynamics of the carbonate system in the Western English Channel.	Continental Shelf Research	-	42	-	2012	
James	Rachael	Journal article	High-temperature lithium isotope fractionation: Insights from lithium isotope diffusion in magmatic systems	Earth and Planetary Science Letters		257	3-4	2007	
James	Rachael	Journal article	Escape of methane gas from the seabed along the West Spitsbergen continental margin	Geophysical Research Letters	L15608	36	-	2009	
James	Rachael	Journal article	The behaviour of Li and Mg isotopes during primary phase dissolution and secondary mineral formation in basalt	Geochimica et Cosmochimica Acta		74	18	2010	
James	Rachael	Journal article	Arctic methane sources: isotopic evidence for atmospheric inputs.	Geophysical Research Letters	L21803	38	-	2011	
Jevrejeva	Svetlana	Journal article	Reconstructing sea level from paleo and projected temperatures 200 to 2100 ad	Climate Dynamics		34	4	2010	
Jevrejeva	Svetlana	Journal article	How will sea level respond to changes in natural and anthropogenic forcings by 2100	Geophysical Research Letters	L07703	37	-	2010	
Jevrejeva	Svetlana	Journal article	Sea level projections to AD2500 with a new generation of climate change scenarios	Global and Planetary Change	-	80-81	-	2012	
Jevrejeva	Svetlana	Journal article	Recent global sea level acceleration started over 200 years ago?	Geophysical Research Letters	L08715	35	8	2008	
Jones	Daniel	Journal article	Recovery of deep-water megafaunal assemblages from hydrocarbon drilling disturbance in the Faroe-Shetland Channel	Marine Ecology Progress Series	-	461	-	2012	
Jones	Daniel	Journal article	Anthropogenic disturbance of deep-sea megabenthic communities investigated using Remotely Operated Vehicles (Faroe-Shetland Channel, NE Atlantic)	Marine Biology	-	151	-	2007	
Jones	Daniel	Journal article	Mass deposition event of <i>Pyrosoma atlanticum</i> carcasses off Ivory Coast (West Africa)	Limnology and Oceanography	-	54	4	2009	
Jones	Daniel	Journal article	Recovery of Benthic Megafauna from Anthropogenic Disturbance at a Hydrocarbon Drilling Well (380m Depth in the Norwegian Sea)	PLoS ONE	e44114	7	10	2012	
Jones	John	Journal article	Application of a finite element model to the computation of tides in the Mersey Estuary and Eastern Irish Sea	Continental Shelf Research	-	30	5	2010	

Jones	John	Journal article	Storm surge computations for the west coast of Britain using a finite element model (TELEMAC)	Ocean Dynamics	-	58	5-6	2008	
Jones	John	Journal article	On the modification of tides in shallow water regions by wind effects	Journal of Geophysical Resarch - Oceans	C05014	113	-	2008	
Jones	John	Journal article	Influence of non-linear effects upon surge elevations along the west coast of Britain	Ocean Dynamics	-	57	4-5	2007	
Josey	Simon	Chapter in book	Chapter 5: Observations: Oceanic Climate Change and Sea Level	Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change				2007	CUP
Josey	Simon	Journal article	Changes in Freshwater Content in the North Atlantic Ocean 1955-2006	Geophysical Research Letters	L16603	34	16	2007	
Josey	Simon	Journal article	Estimates of Meridional Overturning Circulation Variability in the North Atlantic from Surface Density Flux Fields	Journal of Geophysical Resarch - Oceans	C09022	114	-	2009	
Josey	Simon	Journal article	First Air-Sea Flux Mooring Measurements in the Southern Ocean	Geophysical Research Letters	L16606	39	-	2012	
Kent	Elizabeth	Journal article	A new air-sea interaction gridded dataset from ICOADS with uncertainty estimates	Bulletin of the American Meteorological Society	-	90	-	2009	
Kent	Elizabeth	Journal article	Air-sea fluxes from ICOADS: the construction of a new gridded dataset with uncertainty estimates	International Journal of Climatology	-	31	-	2011	
Kent	Elizabeth	Journal article	Metadata from WMO publication no. 47 and an assessment of voluntary observing ship observation heights in ICOADS	Journal of Atmospheric and Oceanic Technology	-	214	-	2007	
Kent	Elizabeth	Journal article	ICOADS Release 2.5: extension and enhancements to the surface marine meteorological archive	International Journal of Climatology	-	31	7	2011	
King	Brian	Journal article	South Atlantic overturning circulation at 24°S	Journal of Marine Research	-	69	1	2011	
King	Brian	Journal article	Variability of Subantarctic Mode Water and Antarctic Intermediate Water in the Drake Passage during the Late-Twentieth and Early-Twenty-First Centuries	Journal of Climate	-	22	13	2009	
King	Brian	Journal article	A twenty year reversal in water mass trends in the subtropical North Atlantic	Geophysical Research Letters	L12608	34	12	2007	
King	Brian	Journal article	Decadal Variability of Thermocline and Intermediate Waters at 24°S in the South Atlantic	Journal of Physical Oceanography	-	41	1	2011	
Lampitt	Richard	Journal article	Radiolaria: Major exporters of organic carbon to the deep ocean	Global Biogeochemical Cycles	GB1010	23	-	2009	
Lampitt	Richard	Journal article	Ocean fertilization: a potential means of geoengineering?	Philosophical Transactions Of The Royal Society A: Mathematical, Physical And Engineering Sciences	-	366	1882	2008	
Lampitt	Richard	Journal article	Diatom resting spore ecology drives enhanced carbon export from a naturally iron-fertilized bloom in the Southern Ocean	Global Biogeochemical Cycles	GB1014	26	-	2012	
Lampitt	Richard	Journal article	The association between inorganic minerals and the amino acid composition of settling particles	Limnology and Oceanography	-	55	5	2010	
Le Bas	Tim	Journal article	Acquisition and processing of backscatter data for habitat mapping – comparison of multibeam and sidescan systems	Applied Acoustics	-	70	10	2009	
Le Bas	Tim	Journal article	Human activities on the deep seafloor in the northeast Atlantic: an assessment of spatial extent	PLoS One	e12730	5	9	2010	
Le Bas	Tim	Journal article	A multi-method approach for benthic habitat mapping of shallow coastal areas with high-resolution multibeam data	Continental Shelf Research	-	39-40	-	2012	

Le Bas	Tim	Journal article	Eruptive hummocks: Building blocks of the upper ocean crust	Geology	-	40		2012	
Lee	Mei-Man	Journal article	Eddy advective and diffusive transports of heat and salt in the Southern Ocean	Journal of Physical Oceanography	-	37	5	2007	
Lee	Mei-Man	Journal article	Eddy subduction and the vertical transport streamfunction	Journal of Physical Oceanography	-	42	11	2012	
Lee	Mei-Man	Journal article	Effective Eddy Diffusivities Inferred from a Point Release Tracer in an Eddy-Resolving Ocean Model	Journal of Physical Oceanography	-	39	4	2009	
Lee	Mei-Man	Journal article	Subduction over the Southern Indian Ocean in a High-Resolution Atmosphere-Ocean Coupled Model	Journal of Climate	-	24	15	2011	
Madec	Gurvan	Journal article	Impact of resolving the diurnal cycle in an ocean-atmosphere GCM. Part 1: a diurnally forced OGCM	Climate Dynamics	-	29	6	2007	
Madec	Gurvan	Journal article	Water-mass transformations in a neutral density framework and the key role of light penetration	Journal of Physical Oceanography	-	38	7	2008	
Madec	Gurvan	Journal article	On the transformation of Pacific Water into Indonesian Throughflow Water by internal tidal mixing	Geophysical Research Letters	L04604	34	-	2007	
Madec	Gurvan	Journal article	Modifications of gyre circulation by sub-mesoscale physics	Ocean Modelling	-	34	1-2	2010	
Martin	Adrian	Journal article	Turbulent nutrient fluxes in the Iceland Basin	Deep-Sea Research Part I: Oceanographic Research Papers	-	63	-	2012	
Martin	Adrian	Journal article	Bringing physics to life at the submesoscale.	Geophysical Research Letters	L14602	39	14	2012	
Martin	Adrian	Journal article	Microbial spatial variability: an example from the Celtic Sea	Progress in Oceanography	-	76	4	2008	
Martin	Adrian	Journal article	How does dynamical spatial variability impact 234Th-derived estimates of organic export?	Deep-Sea Research Part I: Oceanographic Research Papers	-	68	-	2012	
Masson	Douglas	Journal article	Flank collapse and large-scale landsliding in the Cape Verde Islands, off West Africa	Geochemistry, Geophysics, Geosystems	Q07015	9	-	2008	
Masson	Douglas	Conference contribution	Large landslides on passive continental margins: processes, hypotheses and outstanding questions	Submarine Mass Movements and their Consequences IV	-	-	-	2010	
Masson	Douglas	Journal article	Sahara Slide: Age, initiation and processes of a giant submarine slide	Geochemistry, Geophysics, Geosystems	Q07014	11	-	2010	
Masson	Douglas	Journal article	Seismic triggering of landslides and turbidity currents offshore Portugal	Geochemistry, Geophysics, Geosystems	Q12011	12	-	2011	
McDonagh	Elaine	Journal article	Estimating the storage of anthropogenic carbon in the subtropical Indian Ocean: a comparison of five different approaches	Biogeosciences	-	6	4	2009	
McDonagh	Elaine	Journal article	Circulation, heat and freshwater transport at 36°N in the Atlantic	Journal of Physical Oceanography	-	40	-	2010	
McDonagh	Elaine	Journal article	The circulation of the Indian Ocean at 32°S	Progress in Oceanography	-	79	1	2008	
McDonagh	Elaine	Journal article	Nutrient streams in the North Atlantic: Advective pathways of inorganic and dissolved organic nutrients	Global Biogeochemical Cycles	GB4008	25	4	2011	
McPhail	Stephen	Journal article	Observations beneath Pine Island Glacier in West Antarctica and implications for its retreat.	Nature Geoscience	-	3	7	2010	
McPhail	Stephen	Journal article	Autonomous underwater vehicles (AUVs) and investigations of the ice-ocean interface: deploying the Autosub AUV in Antarctic and Arctic waters	Journal of Glaciology	-	54	187	2008	
McPhail	Stephen	Journal article	Autosub6000: a deep diving long range AUV	Journal of Bionic Engineering	-	6	1	2009	

McPhail	Stephen	Journal article	Low-altitude terrain following and collision avoidance in a flight-class autonomous underwater vehicle.	Proceedings of the Institution of Mechanical Engineers, Part M: Journal of Engineering for the Maritime Environment	-	224	4	2010	
Moeseneder	Markus	Journal article	Response of the benthic foraminiferal community to a simulated short-term phytodetritus pulse in the abyssal North Pacific.	Marine Ecology Progress Series	-	438	-	2011	
Moeseneder	Markus	Journal article	The phylogeny of endolithic microbes associated with marine basalts	Environmental Microbiology	-	9	10	2007	
Moeseneder	Markus	Journal article	Temporal and depth-related differences in prokaryotic communities in abyssal sediments associated with particulate organic carbon flux	Deep-Sea Research Part I: Oceanographic Research Papers	-	70	-	2012	
Moeseneder	Markus	Journal article	Relationship of geographic distance, depth, temperature, and viruses with prokaryotic communities in the eastern tropical Atlantic Ocean	Microbial Ecology	-	56	2	2008	
Morales Maqueda	Miguel	Journal article	An elastic-viscous-plastic sea ice model formulated on Arakawa B and C grids	Ocean Modelling	-	27	3-4	2009	
Morales Maqueda	Miguel	Journal article	The response of Southern Ocean eddies to increased midlatitude westerlies: A non-eddy resolving model study	Geophysical Research Letters	L03605	38	-	2011	
Morales Maqueda	Miguel	Journal article	Water properties and circulation in Arctic Ocean models	Journal of Geophysical Research - Oceans	C04503	112	C4	2007	
Morales Maqueda	Miguel	Journal article	Simulating the mass balance and salinity of Arctic and Antarctic sea ice. 1. Model description and validation	Ocean Modelling	-	27	1-2	2009	
Mowlem	Matthew	Journal article	Determination of nitrate and phosphate in seawater at nanomolar concentrations	TrAC-Trends in Analytical Chemistry	-	27	2	2008	
Mowlem	Matthew	Journal article	Nanomolar detection with high sensitivity microfluidic absorption cells manufactured in tinted PMMA for chemical analysis	Talanta	-	84	1	2011	
Mowlem	Matthew	Journal article	Clean access, measurement, and sampling of Ellsworth subglacial lake: a method for exploring deep Antarctic subglacial lake environments	Reviews of Geophysics	RG1003	50	-	2012	
Mowlem	Matthew	Journal article	Lab-on-Chip Measurement of Nitrate and Nitrite for In Situ Analysis of Natural Waters	Environmental Science and Technology	-	46	17	2012	
Murton	Bramley	Journal article	Variations in melt productivity and melting conditions along SWIR (70° -49° E): Evidence from Olivine-hosted and Plagioclase-hosted melt inclusions	Journal of Petrology	-	48		2007	
Murton	Bramley	Journal article	Life cycle of oceanic core complexes	Earth and Planetary Science Letters	-	287	3-4	2009	
Murton	Bramley	Journal article	An integrated kinematic and geochemical model to determine lithospheric extension and mantle temperature from syn-rift volcanic compositions	Earth and Planetary Science Letters	-	278	1-2	2009	
Murton	Bramley	Journal article	Structure and development of an axial volcanic ridge: Mid-Atlantic Ridge, 45° N.	Earth and Planetary Science Letters	-	299	1-2	2010	
New	Adrian	Journal article	Internal solitary waves in the Mozambique Channel: observations and interpretation	Journal of Geophysical Research	C05001	114	-	2009	
New	Adrian	Journal article	The Sensitivity of a Coupled Climate Model to Its Ocean Component	Journal of Climate	-	23	19	2010	
New	Adrian	Journal article	UK-HiGEM: The new UK High resolution Global Environment Model. Model description and basic evaluation	Journal of Climate	-	22	-	2009	
New	Adrian	Journal article	Mechanisms of Subantarctic Mode Water upwelling in a hybrid-coordinate global GCM	Ocean Modelling	-	45-46	-	2012	
Nurser	Aylmer	Journal article	A boundary-value problem for the parameterized mesoscale eddy transport	Ocean Modelling	-	32	3-4	2010	
Nurser	Aylmer	Journal article	Diagnostics of diapycnal diffusivity in z-level ocean models. Part I: 1-Dimensional case studies	Ocean Modelling	-	35	3	2010	
Nurser	Aylmer	Journal article	Global rate and spectral characteristics of internal gravity wave generation by geostrophic flow over topography	Journal of Geophysical Research - Oceans	C09029	116	-	2011	
Nurser	Aylmer	Journal article	A model-based assessment of the TrOCA approach for estimating oceanic anthropogenic carbon	Biogeosciences	-	7	2	2010	

Palmer	Matthew	Journal article	The modification of current ellipses by stratification in the Liverpool Bay ROFI	Ocean Dynamics	-	60	2	2009	
Palmer	Matthew	Journal article	A strain induced freshwater pump in the Liverpool Bay ROFI	Ocean Dynamics	-	61	11	2011	
Palmer	Matthew	Journal article	An investigation of internal mixing in a seasonally stratified shelf sea	Journal of Geophysical Resarch - Oceans	C12005	113	-	2008	
Palmer	Matthew	Journal article	Internal tide coherence and decay over a wide shelf sea,	Geophysical Research Letters	L23607	38	-	2011	
Pascal	Robin	Journal article	Development of a reliable microelectrode dissolved oxygen sensor	Sensors and Actuators B-Chemical	-	123	1	2007	
Pascal	Robin	Journal article	AutoFlux: an autonomous system for the direct measurement of the air-sea fluxes of CO ₂ , heat and momentum	Journal of Operational Oceanography	-	2	1	2009	
Pascal	Robin	Journal article	A Spar Buoy for High-Frequency Wave Measurements and Detection of Wave Breaking in the Open Ocean	Journal of Atmospheric and Oceanic Technology	-	28	4	2011	
Pascal	Robin	Journal article	Sensors for physical fluxes at the sea surface: energy, heat, water, salt	Ocean Science	-	4	4	2008	
Polton	Jeffrey	Journal article	Overturning Cells in the Southern Ocean and subtropical gyres	Ocean Science	-	3	1	2007	
Polton	Jeffrey	Journal article	A global perspective on Langmuir turbulence in the ocean surface boundary layer	Geophysical Research Letters	L18605	39	-	2012	
Polton	Jeffrey	Journal article	Rapid generation of high-frequency internal waves beneath a wind and wave forced oceanic surface mixed-layer	Geophysical Research Letters	L13602	35	-	2008	
Polton	Jeffrey	Journal article	Langmuir Turbulence and deeply penetrating jets in an unstratified mixed layer.	Journal of Geophysical Resarch - Oceans	C09020	112	-	2007	
Popova	Ekaterina	Journal article	Near-ubiquity of ice-edge blooms in the Arctic	Biogeosciences	-	8	-	2011	
Popova	Ekaterina	Journal article	What controls primary production in the Arctic Ocean? Results from an ecosystem model intercomparison	Journal of Geophysical Research	C00D1	117	-	2012	
Popova	Ekaterina	Journal article	Control of primary production in the Arctic by nutrients and light: insights from a high resolution ocean general circulation model	Biogeosciences	-	7	-	2010	
Popova	Ekaterina	Journal article	MEDUSA-1.0: a new intermediate complexity plankton ecosystem model for the global domain	Geoscientific Model Development	-	4	-	2011	
Poulton	Alex	Journal article	Biometry of detached <i>Emiliana huxleyi</i> coccoliths along the Patagonian Shelf	Marine Ecology Progress Series	-	443	-	2011	
Poulton	Alex	Journal article	Irradiance and pH affect coccolithophore community composition on a transect between the North Sea and the Arctic Ocean	Marine Ecology Progress Series	-	431	-	2011	
Poulton	Alex	Journal article	Large-scale distribution of Atlantic nitrogen fixation controlled by iron availability	Nature Geoscience	-	2	12	2009	
Poulton	Alex	Journal article	Coccolithophore dynamics in non-bloom conditions during late summer in the central Iceland Basin (July-August 2007)	Limnology and Oceanography	-	55	4	2010	
Quarty	Graham	Journal article	On the role of the Agulhas system in ocean circulation and climate	Nature	-	472	7344	2011	
Quarty	Graham	Journal article	High numbers of <i>Trichodesmium</i> and diazotrophic diatoms in the southwest Indian Ocean	Geophysical Research Letters	L15610	36	-	2009	
Quarty	Graham	Journal article	An intercomparison of global oceanic precipitation climatologies	Journal of Geophysical Research	D10121	12	D10	2007	
Quarty	Graham	Journal article	Realizing Envisat's potential for rain cloud studies	Geophysical Research Letters	L09807	34	9	2007	
Read	Jane	Journal article	Large-scale circulation around the Crozet Plateau controls an annual phytoplankton bloom in the Crozet Basin	Deep Sea Research Part II: Topical Studies in Oceanography	-	54	18-20	2007	

Read	Jane	Journal article	Southern Ocean deep-water carbon export enhanced by natural iron fertilisation	Nature	-	457	7229	2009	
Read	Jane	Journal article	Sub-mesoscale structure and the development of an eddy in the Subantarctic Front north of the Crozet Islands	Deep Sea Research Part II: Topical Studies in Oceanography	-	54	18-20	2007	
Ruhl	Henry	Journal article	Long-term reductions in anthropogenic nutrients link to improvements in Chesapeake Bay habitat	Proceedings of the National Academy of Science of the USA (PNAS)	-	107	38	2010	
Ruhl	Henry	Journal article	Connections between climate, food limitation, and carbon cycling in abyssal sediment communities: a long time-series perspective	Proceedings of the National Academy of Science of the USA (PNAS)	-	105	44	2008	
Ruhl	Henry	Journal article	Free-drifting icebergs: hotspots of chemical and biological enrichment in the Weddell Sea	Science	-	317	-	2007	
Ruhl	Henry	Journal article	Tracing abyssal food supply back to upper-ocean processes over a 17-year time series in the northeast Pacific.	Limnology and Oceanography	-	53	-	2008	
Sanders	Richard	Journal article	Global patterns in efficiency of particulate organic carbon export and transfer to the deep ocean	Global Biogeochemical Cycles	GB1028	26	1	2012	
Sanders	Richard	Journal article	Phosphorus cycling in the North and South Atlantic Ocean subtropical gyres	Nature Geoscience	-	1	7	2008	
Sanders	Richard	Journal article	Iron limitation of the postbloom phytoplankton communities in the Iceland Basin	Global Biogeochemical Cycles	GB3001	23	-	2009	
Sanders	Richard	Journal article	The relative contribution of fast and slow sinking particles to ocean carbon export	Global Biogeochemical Cycles	GB1026	26	1	2012	
Sharples	Jonathan	Journal article	Summer heatwaves promote blooms of harmful cyanobacteria	Global Change Biology	-	14	3	2008	
Sharples	Jonathan	Journal article	Internal tidal mixing as a control on continental margin ecosystems	Geophysical Research Letters	L23603	36	-	2009	
Sharples	Jonathan	Journal article	Sub-surface hotspots in shallow seas: Fine scale limited locations of marine top predator foraging habitat indicated by tidal mixing and sub-surface chlorophyll	Marine Ecology Progress Series	-	408	-	2010	
Sharples	Jonathan	Journal article	On-shelf transport of slope water lenses within the seasonal pycnocline	Geophysical Research Letters	L08604	39	-	2012	
Sinha	Bablu	Journal article	Response of the Denmark Strait Overflow to Nordic Seas Heat Loss	Journal of Geophysical Research	C09019	113	-	2008	
Sinha	Bablu	Journal article	Comparison of the emergent behavior of a complex ecosystem model in two ocean general circulation models	Progress in Oceanography	-	84	-	2008	
Sinha	Bablu	Journal article	Mountain ranges favour vigorous Atlantic Thermohaline Circulation	Geophysical Research Letters	L02705	39	2	2012	
Sinha	Bablu	Journal article	Large near-inertial oscillations of the Atlantic meridional overturning circulation	Ocean Modelling	-	42	-	2012	
Smeed	David	Journal article	Importance of the variability of hydrographic preconditioning for deep convection in the Gulf of Lion, NW Mediterranean	Ocean Science	-	6	2	2010	
Smeed	David	Journal article	Vertical Water Velocities from Underwater Gliders	Journal of Atmospheric and Oceanic Technology	-	27	3	2010	
Smeed	David	Journal article	On the circulation of water masses across the Mascarene Plateau in the South Indian Ocean	Deep-Sea Research Part I: Oceanographic Research Papers	-	54	1	2007	
Smeed	David	Journal article	Experimental studies of rotating exchange flow	Deep-Sea Research Part I: Oceanographic Research Papers	-	54	2	2007	
Smythe-Wright	Denise	Journal article	Wyville Thomson Ridge Overflow Water: Spatial and temporal distribution in the Rockall Trough	Deep-Sea Research Part I: Oceanographic Research Papers	-	57	10	2010	
Smythe-Wright	Denise	Journal article	The formation rate of North Atlantic Deep Water and Eighteen Degree Water calculated from CFC-11 inventories observed during WOCE	Deep-Sea Research Part I: Oceanographic Research Papers	-	55	8	2008	

Smythe-Wright	Denise	Journal article	Spatio-temporal changes in the distribution of phytopigments and phytoplanktonic groups at the Porcupine Abyssal Plain (PAP) site	Deep Sea Research Part II: Topical Studies in Oceanography	-	57	15	2010	
Smythe-Wright	Denise	Journal article	Controls on the production of organohalogenes by phytoplankton: Effect of nitrate concentration and grazing	Journal of Geophysical Research	G03020	115	G3	2010	
Souza	Alejandro	Journal article	An 11-year validation of wave-surge modelling in the Irish Sea, using a nested POLCOMS-WAM modelling system	Ocean Modelling	-	33	-	2010	
Souza	Alejandro	Journal article	LISST-100 response to large particles	Marine Geology	-	307-310	-	2012	
Souza	Alejandro	Journal article	Effects of tidal straining on the semidiurnal cycle of dissipation in the Rhine region of freshwater influence: comparison of model and measurements	Journal of Geophysical Research	C01011	113	-	2008	
Souza	Alejandro	Journal article	Residual circulation and stratification in the Liverpool Bay region of freshwater influence	Ocean Dynamics	-	59	-	2009	
Srokosz	Mirosław	Journal article	Persistence of cluster synchronisation under the influence of advection	Physical Review E	051902	81	-	2010	
Srokosz	Mirosław	Journal article	Past, present and future change in the Atlantic meridional overturning circulation	Bulletin of the American Meteorological Society	-	93	11	2012	
Srokosz	Mirosław	Journal article	Rapid climate change: lessons from the recent geological past	Global and Planetary Change	-	79	-	2011	
Srokosz	Mirosław	Journal article	Spatially implicit plankton population models: Transient spatial variability	Journal of Theoretical Biology	-	253	-	2008	
Talling	Peter	Journal article	Onset of submarine debris flow deposition far from original giant landslide	Nature	-	450		2007	
Talling	Peter	Journal article	The deposits of flows transitional between turbidity currents and debris flow	Geology	-	37		2009	
Talling	Peter	Journal article	Subaqueous sediment density flows: depositional processes and deposit types	Sedimentology	-	59	-	2012	
Talling	Peter	Journal article	Combinations of volcanic-flank and seafloor-sediment failure offshore Montserrat, and their implications for tsunami generation	Earth and Planetary Science Letters	-	319-320	-	2012	
Tamisiea	Mark	Journal article	Effects of ice melting on GRACE observations of ocean mass trends	Geophysical Research Letters	L05610	34	-	2007	
Tamisiea	Mark	Journal article	Ocean Mass from GRACE and Glacial Isostatic Adjustment	Journal of Geophysical Research	B11415	115	-	2010	
Tamisiea	Mark	Journal article	Identifying the causes of sea-level change	Nature Geoscience	-	2	-	2009	
Tamisiea	Mark	Journal article	GRACE Gravity Data Constrain Ancient Ice Geometries and Continental Dynamics over Laurentia	Science	-	316	-	2007	
Thorne	Peter	Journal article	Advances in the study of moving sediments and evolving seabeds	Surveys in Geophysics	-	29	1	2008	
Thorne	Peter	Journal article	Suspension and near-bed load sediment transport processes above a migrating, sand-rippled bed under shoaling waves	Journal of Geophysical Research	C07001	116	-	2011	
Thorne	Peter	Journal article	Interpreting acoustic backscatter from suspended sediments of different and mixed mineralogical composition	Continental Shelf Research	-	46	-	2012	
Thorne	Peter	Journal article	Intrawave observations of sediment entrainment processes above sand ripples under irregular waves	Journal of Geophysical Research	C01001	116	-	2011	
Trofimovs	Jessica	Journal article	Anatomy of a submarine pyroclastic flow and associated turbidity current: July 2003 dome collapse event, Soufrière Hills volcano, Montserrat, West Indies	Sedimentology		55	3	2008	
Trofimovs	Jessica	Journal article	Submarine deposition of volcanoclastic material from the 1995-2005 eruptions of the Soufriere Hills volcano, Montserrat	Journal of the Geological Society of London	-	166	-	2009	
Trofimovs	Jessica	Journal article	Eruption of Soufrière Hills (1995-2009) from an offshore perspective: insights from repeated swath bathymetry surveys	Geophysical Research Letters	L11307	37	-	2010	

Trofimovs	Jessica	Journal article	Evidence for carbonate platform failure during rapid sea level rise; ca 14,000 year old bioclastic flow deposits in the Lesser Antilles	Sedimentology	-	57	-	2010	
Tsimplis	Mikis	Journal article	Tides and long-term modulations in the Caribbean Sea	Journal of Geophysical Research	C10022	116	C10	2011	
Tsimplis	Mikis	Journal article	Multi-decadal sea level trends and land movements in the Mediterranean Sea with estimates of factors perturbing tide gauge data and cumulative uncertainties	Global and Planetary Change	-	76	1-2	2011	
Tsimplis	Mikis	Journal article	Comparison of results of AOGCMs in the Mediterranean Sea during the 21st century.	Journal of Geophysical Research	C12028	113	C12	2008	
Tsimplis	Mikis	Journal article	Forcing of coastal sea level rise patterns in the North Atlantic and the Mediterranean Sea	Geophysical Research Letters	L18604	34	18	2007	
Williams	Simon	Journal article	Apparent stability of GPS monumentation from short-baseline time series	Journal of Geophysical Research	B10403	114	-	2009	
Williams	Simon	Journal article	CATS : GPS coordinate time series analysis software	GPS Solutions	-	12	2	2008	
Williams	Simon	Journal article	Non-tidal ocean loading effects on geodetic GPS heights	Geophysical Research Letters	L09314	38	-	2011	
Williams	Simon	Journal article	Rates of sea-level change over the past century in a geocentric reference frame	Geophysical Research Letters	L12607	36	-	2009	
Wilson	Christopher	Journal article	Eddy heat flux in the Southern Ocean: Response to variable wind forcing	Journal of Climate	-	21	4	2008	
Wilson	Christopher	Journal article	Tide-surge interaction and its role in the distribution of surge residuals in the North Sea	Journal of Geophysical Resarch - Oceans	C08003	112	C8	2007	
Wilson	Christopher	Journal article	Wind work on the geostrophic ocean circulation: An observational study of the effect of small scales in the wind stress	Journal of Geophysical Resarch - Oceans	C02016	113	C2	2008	
Wilson	Christopher	Journal article	Ocean and atmosphere storm tracks: The role of eddy vorticity forcing	Journal of Physical Oceanography	-	37	9	2007	
Wolf	Judith	Journal article	Wave modelling - the state of the art	Progress in Oceanography	-	75	4	2007	
Wolf	Judith	Journal article	Coastal Flooding - Impacts of coupled wave-surge-tide models	Natural Hazards	-	49	2	2009	
Wolf	Judith	Journal article	Environmental impacts of tidal power schemes	Proceedings of the ICE - Maritime Engineering	-	162	4	2009	
Wolf	Judith	Journal article	The wave climate of Liverpool Bay - observations and modelling	Ocean Dynamics	-	61	5	2011	
Woodworth	Philip	Journal article	Crustal motions in Great Britain: evidence from continuous GPS, absolute gravity and Holocene sea level data	Geophysical Journal International	-	178	1	2009	
Woodworth	Philip	Journal article	Trends in UK mean sea level revisited	Geophysical Journal International	-	176	1	2009	
Woodworth	Philip	Journal article	Changes in extreme high water levels based on a quasi-global tide-gauge data set	Journal of Geophysical Resarch - Oceans	C10011	115	-	2010	
Woodworth	Philip	Journal article	The dependence of UK extreme sea levels and storm surges on the North Atlantic Oscillation	Continental Shelf Research	-	27	7	2007	
Wright	Ian	Journal article	Submarine hydrothermal venting activity along the mid-Kermadec arc, New Zealand: large-scale effects on venting	Geochemistry, Geophysics, Geosystems	Q07007	8	-	2007	
Wright	Ian	Journal article	Collapse and reconstruction of Monowai submarine volcano, Kermadec arc, 1998-2004.	Journal of Geophysical Research	B08S03	113	-	2008	
Wright	Ian	Journal article	Contrasting pyroclast density spectra from subaerial and submarine explosive volcanism in the Kermadec Arc: implications for eruptive processes and dredge sampling	Bulletin of Volcanology	-	74	6	2012	
Wright	Ian	Journal article	Geochemistry and petrogenesis of silicic magmas in the intra-oceanic Kermadec Arc	Journal of Petrology	-	54	2	2012	

Wynn	Russell	Journal article	Sinuuous deep-water channels: genesis, geometry and architecture	Marine and Petroleum Geology	-	24	6-9	2007	
Wynn	Russell	Journal article	Sedimentological and geochemical evidence for multistage failure of volcanic island landslides: a case study from Icod landslide on north Tenerife, Canary Islands	Geochemistry, Geophysics, Geosystems	Q12007	12	-	2011	
Wynn	Russell	Journal article	Near-synchronous and delayed initiation of long run-out submarine sediment flows from a record breaking river-flood, offshore Taiwan.	Geophysical Research Letters	L12603	39	-	2012	
Wynn	Russell	Journal article	Large, deep-water slope failures: implications for landslide-generated tsunamis	Geology	-	40	10	2012	
Xing	Jiuxing	Journal article	Application of an unstructured mesh model to the determination of the baroclinic circulation of the Irish Sea	Journal of Geophysical Resarch - Oceans	C10026	116	-	2011	
Xing	Jiuxing	Journal article	Effect of water depth and the bottom boundary layer upon internal wave generation over abrupt topography	Ocean Dynamics	-	60	3	2010	
Xing	Jiuxing	Journal article	Influence of multiple sills upon internal wave generation and the implications for mixing	Geophysical Research Letters	L13602	36	-	2009	
Xing	Jiuxing	Journal article	The effects of large and small scale topography upon tidally induced mixing in sill regions	Ocean Dynamics	-	60	1	2010	
Yelland	Margaret	Journal article	Physical Exchanges at the Air-Sea Interface: Field Measurements from UK-SOLAS	Bulletin of the American Meteorological Society	-	90	-	2009	
Yelland	Margaret	Journal article	Linearity of DMS Transfer Coefficient with Both Friction Velocity and Wind Speed in the Moderate Wind Speed Range	Geophysical Research Letters	L01605	37	-	2010	
Yelland	Margaret	Journal article	Direct measurements of the CO2 flux over the ocean: development of a novel method	Geophysical Research Letters	L03607	37	3	2010	
Yelland	Margaret	Journal article	Open Ocean gas transfer velocity derived from long-term direct measurements of the CO2 flux.	Geophysical Research Letters	L23607	37	-	2010	
Yool	Andrew	Journal article	Impact of circulation on export production, dissolved organic matter, and dissolved oxygen in the ocean: Results from Phase II of the Ocean Carbon-cycle Model Intercomparison Project (OCMIP-2)	Global Biogeochemical Cycles	GB3007	21	-	2007	
Yool	Andrew	Journal article	Geo-engineering might cause, not cure, problems	Nature	-	449	-	2007	
Yool	Andrew	Journal article	The significance of nitrification for new production	Nature	-	447	-	2007	
Yool	Andrew	Journal article	Low efficiency of nutrient translocation for enhancing oceanic uptake of carbon dioxide	Journal of Geophysical Research	C08009	114	-	2009	
Zubkov	Mikhail	Journal article	Comparable light stimulation of organic nutrient uptake by SAR11 and Prochlorococcus in the North Atlantic subtropical gyre	The ISME Journal (online)	-	-	-	2012	
Zubkov	Mikhail	Journal article	Significant CO2 fixation by small prymnesiophytes in the subtropical and tropical northeast Atlantic Ocean	The ISME Journal	-	4	-	2010	
Zubkov	Mikhail	Journal article	Microbial control of phosphate in the nutrient-depleted North Atlantic subtropical gyre	Environmental Microbiology	-	9	-	2007	
Zubkov	Mikhail	Journal article	High bacterivory by the smallest phytoplankton in the North Atlantic Ocean	Nature	-	455	-	2008	