Highlight Topics March 2021

Highlight Topics			-	,		T	
Ranking Excelle	ce Fit	Grant Reference	Lead/Sole Grant Grant Holder	Research Organisation	Project Title	Topic	Call
					Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X00452X/1	Y Prof Matthew Rigby	University of Bristol		protecting the ozone layer and climate	Highlights MAR22
					Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X004198/1	N Prof Keith Shine	University of Reading		protecting the ozone layer and climate	Highlights MAR22
					Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X004120/1	N Dr David Oram	University of East Anglia		protecting the ozone layer and climate	Highlights MAR22
					Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X003582/1	N Dr Ryan Hossaini	Lancaster University		protecting the ozone layer and climate	Highlights MAR22
					Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X003574/1	N Professor Alexander Archibal	University of Cambridge		protecting the ozone layer and climate	Highlights MAR22
					Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X003558/1	N Dr Damien Weidmann	STFC-Laboratories		protecting the ozone layer and climate	Highlights MAR22
					Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X003450/1	N Prof Martyn Chipperfield	University of Leeds	, , , , , , , , , , , , , , , , , , , ,	protecting the ozone layer and climate	Highlights MAR22
			, ,,	,	Investigating HALocarbon impacts on the global Environment (InHALE)	advances in halocarbon research to ensure success of the next phase of the Montreal Protocol in	
1 10	6	NE/X003434/1	N Prof Lucy Carpenter	University of York		protecting the ozone layer and climate	Highlights MAR22
		, ,	, ,		Quantifying the impact of anthropogenic nutrient imbalance on C flux from freshwater	, y	0 0
2 9	6	NE/X005062/1	Y Prof Yin Chen	University of Warwick	lakes: cellular mechanisms, community assembly and modelling	understanding microbial community dynamics across space and time.	Highlights MAR22
		,,.		,	Quantifying the impact of anthropogenic nutrient imbalance on C flux from freshwater	8	
2 9	6	NE/X005240/1	N Dr Helen Kettle	The James Hutton Institute	lakes: cellular mechanisms, community assembly and modelling	understanding microbial community dynamics across space and time.	Highlights MAR22
		142/1003240/1	Di Helen kettie	The James Hatton institute	Quantifying the impact of anthropogenic nutrient imbalance on C flux from freshwater	anderstanding microbial community dynamics across space and time.	Tilgillights WARZZ
2 9	6	NE/X005119/1	N Dr Deepak Kumaresan	Queen's University of Belfast	lakes: cellular mechanisms, community assembly and modelling	understanding microbial community dynamics across space and time.	Highlights MAR22
2 3		NL/X003113/1	iv Di Deepak kullialesali	Queen's Oniversity of Benast	Quantifying the impact of anthropogenic nutrient imbalance on C flux from freshwater	understanding microbial community dynamics across space and time.	riigiiiigiits wanzz
2 0		NE/X00497X/1	N Dr Eleanor Mackay	UK Centre for Ecology and Hydrology	lakes: cellular mechanisms, community assembly and modelling	understanding microbial community dynamics across space and time.	Highlights MAR22
2 9		NE/X0049/X/1	IN DI Eledilor Mackay	OK Centre for Ecology and Hydrology	lakes, celiular mechanisms, community assembly and modelling	understanding microbial community dynamics across space and time.	nigilligits WAR22
2	_	NE/X005267/1	Y Dr Hamish Pritchard	NERC BAS	The Die The second of the seco	and a second to a second and all sections also as a second as a	111-bit-ba- \$44000
3 9	ь	NE/X005267/1	Y Dr Hamish Pritchard	NERC BAS	The Big Thaw: gauging the past, present and future of our mountain water resources	understanding and predicting changes in mountain water resources	Highlights MAR22
3 9	6	NE/X005194/1	N Dr Richard Essery	University of Edinburgh	The Big Thaw: gauging the past, present and future of our mountain water resources	understanding and predicting changes in mountain water resources	Highlights MAR22
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3 9	6	NE/X004635/1	N Prof David Hannah	University of Birmingham	The Big Thaw: gauging the past, present and future of our mountain water resources	understanding and predicting changes in mountain water resources	Highlights MAR22
3 9	6	NE/X003892/2	N Prof Harry Dixon	UK Centre for Ecology and Hydrology	The Big Thaw: gauging the past, present and future of our mountain water resources	understanding and predicting changes in mountain water resources	Highlights MAR22
3 9		NE/X003787/1	N Prof Paul Field	University of Leeds	The Big Thaw: gauging the past, present and future of our mountain water resources	understanding and predicting changes in mountain water resources	Highlights MAR22
4 9		NE/X004163/1	Υ		Not funded (due to budetary constraints)		Highlights MAR22
4 9		NE/X005445/1	N		Not funded (due to budetary constraints)		Highlights MAR22
4 9		NE/X005054/1	N		Not funded (due to budetary constraints)		Highlights MAR22
4 9		NE/X004538/1	N		Not funded (due to budetary constraints)		Highlights MAR22
4 9	6	NE/X004325/1	N		Not funded (due to budetary constraints)		Highlights MAR22
					IDEAL UK FIRE: Toward Informed Decisions on Ecologically Adaptive Land management	costs and benefits of wildfire management tools, integrating ecological information to address	
5 9	6	NE/X005143/1	Y Prof Nicholas Kettridge	University of Birmingham	for mitigating UK FIRE	rapidly changing risks in the UK	Highlights MAR22
6 9		NE/X005224/1	Υ		Not funded (due to the funding limit per topic being reached)		Highlights MAR22
7 9		NE/X004031/1	Y Dr Jeremy Ely	University of Sheffield	Deplete and Retreat: The Future of Andean Water Towers	understanding and predicting changes in mountain water resources	Highlights MAR22
7 9		NE/X003604/1	N Dr Bethan Davies	Royal Holloway, Uni of London	Deplete and Retreat: The Future of Andean Water Towers	understanding and predicting changes in mountain water resources	Highlights MAR22
7 9	6	NE/X003507/1	N Dr Gareth Old	CEH	Deplete and Retreat: The Future of Andean Water Towers	understanding and predicting changes in mountain water resources	Highlights MAR22
8 8	6	NE/X004953/1	Y Prof Jonathan Sharples	University of Liverpool	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
1 1							
8 8	6	NE/X005577/1	N Prof Beth Scott	University of Aberdeen	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
8 8	6	NE/X005003/1	N Dr Sarah Wakelin	NOC	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
8 8	6	NE/X004880/1	N Dr Rodney Forster	University of Hull	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
	- 1		,	,	<u> </u>	, ,	
8 8	6	NE/X004872/1	N Dr Rob Hall	University of East Anglia	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
		,, 1			9,	9	3
8 8	6	NE/X004864/1	N Dr Alejandro Gallego	Marine Scotland Science	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
		.,			G	g	
8 8	6	NE/X004775/1	N Professor Tom Rippeth	Bangor University	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
	U	/ // // // // // // // // // // // //	i roressor rom nippetil	Daniel Officeraty	Endowing Sustainable with Energy Expansion in Seasonally Stratilied Seas (ESWEE155)	Through or streamed stien see biogeochemistry by Offshore renewable energy	riigiiiigiita IVIMNZZ
8 8	6	NE/X004295/1	N Prof Deborah Greaves	University of Plymouth	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
	-	112,7007233/1	I TOT DEBOTAIT GREAVES	onversity or raymouth	Endowing Sestember: Willia Energy Expansion in Seasonally Stratified Seas (ESWEE133)	minanty or structured strent and prognominantly by orisinore renewable energy	gilligitis iviAN22
8 8	6	NE/X00418X/1	N Professor Justin Dix	University of Southampton	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
0 0	0	NL/ AUU410A/1	IN PROJESSOT JUSTILI DIX	Oniversity of Southampton	Enabling Sustainable Milla ElietRA exhausion in Seasonally Stratified Seas (62MFF123)	minning or stratilied shell sed biogeochemistry by offshore renewable energy	riigiliigiits iviAR22
9 0	_	NE/Y00404Y/1	N Dr Robus Tuorona	SAMS	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (ASSMETTS)	mixing of stratified shelf see higgeochemistry by offshore renowable operay	Highlighte MANDOO
0 8		NE/X00404X/1	N Dr Robyn Tuerena	SAMS	Enabling Sustainable Wind Energy Expansion in Seasonally Stratified Seas (eSWEETS3)	mixing of stratified shelf sea biogeochemistry by offshore renewable energy	Highlights MAR22
9 8		NE/X004570/1			Not funded (due to the funding limit per topic being reached)		Highlights MAR22
9 8		NE/X004260/1			Not funded (due to the funding limit per topic being reached)		Highlights MAR22
		NE/X005127/1			Not funded (due to the funding limit per topic being reached)		Highlights MAR22
10 8		NE/X005151/1			Not funded (due to the funding limit per topic being reached)		Highlights MAR22
10 8							Highlights MAR22
10 8 11 8	6	NE/X004856/1			Not funded (due to the funding limit per topic being reached)		
10 8	6		Y		Not funded (due to the funding limit per topic being reached)		Highlights MAR22
10 8 11 8	6	NE/X004856/1	Y Professor Matthew Jackson			smart subsurface assessment and monitoring of urban geothermal resources	

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13		6 NE/X005496/1 N	Dr Adam Booth	University of Leeds	Smart assessment, management and optimisation of urban geothermal resources (SmartRes)	smart subsurface assessment and monitoring of urban geothermal resources	Highlights MAR22
13	•	0 NE/A005490/1 N	DI Adam Bootii	Offiversity of Leeds	Smart assessment, management and optimisation of urban geothermal resources	Smart subsurface assessment and monitoring of drban geothermal resources	nigillights WARZZ
13	8	6 NE/X005135/1 N	Prof Kevin Taylor	University of Manchester	(SmartRes)	smart subsurface assessment and monitoring of urban geothermal resources	Highlights MAR22
				, , , , , , , , , , , , , , , , , , , ,	Smart assessment, management and optimisation of urban geothermal resources		
13	8	6 NE/X005097/1 N	Mr Edward Hough	BGS	(SmartRes)	smart subsurface assessment and monitoring of urban geothermal resources	Highlights MAR22
14		5 NE/X00547X/1 Y	Professor Matthew Fisher	Imperial College London	Understanding the eco-evolutionary drivers of emerging antifungal resistance	understanding the eco-evolutionary drivers of emerging antifungal resistance	Highlights MAR22
14		5 NE/X00550X/1 N 5 NE/X005259/1 N	Professor Toni Gladding	OU	Understanding the eco-evolutionary drivers of emerging antifungal resistance	understanding the eco-evolutionary drivers of emerging antifungal resistance	Highlights MAR22
14		5 NE/X005259/1 N 5 NE/X004740/1 N	Dr Bart Fraaije Dr Andrew Singer	National Inst of Agricultural Botany CEH	Understanding the eco-evolutionary drivers of emerging antifungal resistance Understanding the eco-evolutionary drivers of emerging antifungal resistance	understanding the eco-evolutionary drivers of emerging antifungal resistance understanding the eco-evolutionary drivers of emerging antifungal resistance	Highlights MAR22 Highlights MAR22
		6 NE/X005305/1 Y	Di Andrew Singer	CEIT	Not funded	understanding the edo croidtonary arrest or emerging antifarigat resistance	Highlights MAR22
16	8	6 NE/X005186/1 Y			Not funded		Highlights MAR22
16	8	6 NE/X005283/1 N			Not funded		Highlights MAR22
17	8	6 NE/X005542/1 Y			Not funded		Highlights MAR22
18	8	6 NE/X004929/1 Y			Not funded		Highlights MAR22
19	8	6 NE/X005089/1 Y			Not funded		Highlights MAR22
20 21		5 NE/X004759/1 Y 5 NE/X003884/1 Y		_	Not funded Not funded		Highlights MAR22 Highlights MAR22
21		5 NE/X003906/1 N		+	Not funded		Highlights MAR22
21		5 NE/X003817/1 N			Not funded		Highlights MAR22
21		5 NE/X003736/1 N			Not funded		Highlights MAR22
22		5 NE/X005275/1 Y			Not funded		Highlights MAR22
22		5 NE/X005313/1 N			Not funded		Highlights MAR22
23 23		5 NE/X005615/1 Y 5 NE/X00559/1 N		+	Not funded Not funded		Highlights MAR22 Highlights MAR22
23		5 NE/X00559/1 N 5 NE/X005453/1 N		+	Not funded Not funded	+	Highlights MAR22
24		3 NE/X005046/1 Y			Not funded		Highlights MAR22
24		3 NE/X005372/1 N			Not funded		Highlights MAR22
25	7	6 NE/X005461/1 Y			Not funded		Highlights MAR22
26	7	5 NE/X005437/1 Y			Not funded		Highlights MAR22
26 27		5 NE/X005356/1 N			Not funded		Highlights MAR22
27		5 NE/X004848/1 Y 5 NE/X005232/1 N			Not funded Not funded		Highlights MAR22 Highlights MAR22
27		5 NE/X004996/1 N		+	Not funded Not funded		Highlights MAR22
27		5 NE/X005208/1 N			Not funded		Highlights MAR22
28		5 NE/X004988/1 Y			Not funded		Highlights MAR22
28	7	5 NE/X004546/1 N			Not funded		Highlights MAR22
28		5 NE/X003949/1 N			Not funded		Highlights MAR22
28 28	7	5 NE/X004112/1 N 5 NE/X004600/1 N			Not funded Not funded		Highlights MAR22
28	7	6 NE/X004600/1 N			Not funded Not funded		Highlights MAR22 Highlights MAR22
29	7	6 NE/X005550/1 N		+	Not funded		Highlights MAR22
30	7	6 NE/X005585/1 Y			Not funded		Highlights MAR22
30	7	6 NE/X005569/1 N			Not funded		Highlights MAR22
31		6 NE/X005216/1 Y			Not funded		Highlights MAR22
31		6 NE/X004309/1 N		_	Not funded		Highlights MAR22
31 31		6 NE/X004333/1 N 6 NE/X005364/1 N			Not funded Not funded		Highlights MAR22 Highlights MAR22
31		6 NE/X004767/1 N		+	Not funded		Highlights MAR22
31	7	6 NE/X003957/1 N			Not funded		Highlights MAR22
31	7	6 NE/X004805/1 N			Not funded		Highlights MAR22
32		5 NE/X005348/1 Y			Not funded		Highlights MAR22
33		2 NE/X005291/1 Y			Not funded		Highlights MAR22
33 33		2 NE/X005100/1 N 2 NE/X005429/1 N		1	Not funded Not funded		Highlights MAR22 Highlights MAR22
33		2 NE/X00502X/1 N			Not funded Not funded		Highlights MAR22
34		5 NE/X003752/1 Y			Not funded		Highlights MAR22
35	7	5 NE/X005178/1 Y			Not funded		Highlights MAR22
35	7	5 NE/X005380/1 N			Not funded		Highlights MAR22
36	7	5 NE/X005070/1 Y		1	Not funded		Highlights MAR22
37 37		5 NE/X00483X/1 Y 5 NE/X004902/1 N			Not funded		Highlights MAR22
37		5 NE/X004708/1 N		+	Not funded Not funded	+	Highlights MAR22 Highlights MAR22
37		5 NE/X005011/1 N		+	Not funded Not funded		Highlights MAR22
38		5 NE/X005488/1 Y			Not funded		Highlights MAR22
	6	6 NE/X005038/1 Y			Not funded		Highlights MAR22
39					Not funded		Highlights MAR22
39 39	6	6 NE/X004457/1 N					
39 39 39	6	6 NE/X004937/1 N			Not funded		Highlights MAR22
39 39 39 40	6 6	6 NE/X004937/1 N 5 NE/X005534/1 Y			Not funded		Highlights MAR22
39 39 39 40 41	6	6 NE/X004937/1 N 5 NE/X005534/1 Y 5 NE/X004899/1 Y			Not funded Not funded		Highlights MAR22 Highlights MAR22
39 39 39 40	6	6 NE/X004937/1 N 5 NE/X005534/1 Y 5 NE/X004899/1 Y 5 NE/X004910/1 N			Not funded Not funded Not funded		Highlights MAR22 Highlights MAR22 Highlights MAR22
39 39 39 40 41	6 6 6	6 NE/X004937/1 N 5 NE/X005534/1 Y 5 NE/X004899/1 Y 5 NE/X004910/1 N			Not funded Not funded		Highlights MAR22 Highlights MAR22
39 39 39 40 41 41	6 6 6 6	6 NE/X004937/1 N 5 NE/X005534/1 Y 5 NE/X004899/1 Y 5 NE/X004910/1 N 5 NE/X003981/1 N			Not funded Not funded Not funded Not funded Not funded		Highlights MAR22 Highlights MAR22 Highlights MAR22 Highlights MAR22

42	6	5	NE/X004945/1 N		Not funded	Highlights MAR22
43	6	3	NE/X005526/1 Y		Not funded	Highlights MAR22
43	6	3	NE/X00533X/1 N		Not funded	Highlights MAR22
44	6	2	NE/X005399/1 Y		Not funded	Highlights MAR22
45	5	4	NE/X005321/1 Y		Not funded	Highlights MAR22
46	4	3	NE/X005623/1 Y		Not funded	Highlights MAR22