

Standard and new investigator -January 2022

January 2022 - Panel A

Rank	Overall Score (0-10)	Grant Reference	Lead / Sole Grant	Grant Holder	Research Organisation	Project Title	Call
1	9	NE/X000508/1	Y	Maxim Ballmer	University College London	Constraining the style of magma-ocean crystallisation by present-day Earth structure: a coupled thermodynamic-geodynamic approach	Standard Grant - NI JAN22
2	9	NE/X000133/1	Y	Christopher Kilburn	University College London	Forecasting Eruptions at Volcanoes after Extended Repose	Standard Grant JAN22
3	9	NE/W005247/1	Y	Jonathan Mound	University of Leeds	Beyond 1D Structure of Earth's Core - Reconciling Inferences from Seismic and Geomagnetic Observations	Standard Grant JUL21
4	9	NE/X000869/1	Y	Paul Wilson	University of Southampton	Transforming our understanding of climate shifts in the North African dust belt and upskilling Earth System Models to simulate them	Standard Grant JAN22
5	9	NE/W00562X/1	Y	Alex Copley	University of Cambridge	A new view of the thermal structure of continental mountain ranges: the importance of igneous heat transport	Standard Grant JUL21
6	9	NE/X000656/1	Y	Timothy Minshull	University of Southampton	NSFGeo-NERC: Imaging the magma storage region and hydrothermal system of an active arc volcano	Standard Grant JAN22
7	9	NE/X000060/1	Y	Sergei Lebedev	University of Cambridge	Mantle dynamics beneath the North Atlantic region from integrated seismic imaging using new regional seafloor data and global datasets	Standard Grant JAN22
8	9	NE/X000567/1	Y	Marcus Badger	The Open University	Accurate And Precise Alkenone Records Of Atmospheric CO2 For The Pliocene And Beyond To Inform The Future	Standard Grant JAN22
9	8	NE/X000222/1	Y	Dan Lunt	University of Bristol	PaleoGradPhan: Paleoclimate meridional and zonal Gradients in the Phanerozoic	Standard Grant JAN22
10	8	NE/X00029X/1	Y	Nico Gray	The University of Manchester	Debris-flow dynamics: Understanding phase separation and wave formation	Standard Grant JAN22
11	8	NE/X001334/1	Y	Alan Hastie	University of Edinburgh	The Virgin Islands: Petrogenesis of early Earth-like Rocks (VIPER)	Standard Grant JAN22
12	8	NE/X000966/1	Y			Not funded	Standard Grant JAN22
13	8	NE/X000532/1	Y			Not funded	Standard Grant JAN22
13	8	NE/X000168/1	N			Not funded	Standard Grant JAN22
14	8	NE/X000710/1	Y			Not funded	Standard Grant JAN22
15	8	NE/X001474/1	Y			Not funded	Standard Grant JAN22
16	8	NE/X001466/1	Y			Not funded	Standard Grant JAN22
17	8	NE/X001156/1	Y			Not funded	Standard Grant JAN22
18	8	NE/X001490/1	Y			Not funded	Standard Grant JAN22
19	8	NE/X000354/1	Y			Not funded	Standard Grant JAN22
20	8	NE/X000737/1	Y			Not funded	Standard Grant JAN22
21	8	NE/X001199/1	Y			Not funded	Standard Grant JAN22
22	8	NE/X001180/1	Y			Not funded	Standard Grant JAN22
		NE/X000613/1	Y			Not discussed at panel	Standard Grant JAN22
		NE/X000907/1	Y			Not discussed at panel	Standard Grant JAN22
		NE/X001016/1	Y			Not discussed at panel	Standard Grant JAN22
		NE/X001547/1	Y			Not discussed at panel	Standard Grant JAN22

January 2022 - Panel B

Rank	Overall Score (0-10)	Grant Reference	Lead / Sole Grant	Grant Holder	Research Organisation	Project Title	Call
1	10	NE/X000397/1	Y	Professor Paul Holland	NERC British Antarctic Survey	Anthropogenic Forcing of Antarctic Ice Loss (AnthroFAIL)	Standard Grant JAN 22
2	9	NE/X001040/1	Y	Dr Heather Graven	Imperial College London	Novel constraints on sources and sinks of methane and carbon monoxide from measurements and modelling of radiocarbon	Standard Grant JAN 22
3	9	NE/X000923/1	Y	Dr James Allan	The University of Manchester	Condensable AeRosol from non Ideal Stove Emissions (CLARISE)	Standard Grant JAN 22
4	9	NE/X000087/1	Y	Professor Ian Brooks	University of Leeds	Atmospheric Rivers and The Onset of Sea-Ice Melt (ARTofMELT)	Standard Grant JAN 22
5	9	NE/X000435/1	Y	Professor Douglas Mair	University of Liverpool	Ice-layer Permeability Controls Runoff from Ice Sheets (IPCRIS)	Standard Grant JAN 22
6	9	NE/X000257/1	Y	Dr Stephen Livingstone	University of Sheffield	The influence of fast-draining subglacial lakes on the hydrology and dynamics of the Greenland Ice Sheet	Standard Grant JAN 22
7	9	NE/W010003/1	Y	Dr Martin De Kauwe	University of Bristol	Ghosts from summers past: quantifying the role of vegetation legacy to climatic extremes	Standard Grant JAN 22
8	9	NE/X000176/1	Y	Professor Andrew Turner	University of Reading	Mid-Latitude Controls on Monsoon Onset and Progression (MILCMOP)	Standard Grant JAN 22
9	9	NE/X000389/1	Y	Dr Nigel Meredith	NERC British Antarctic Survey	The Effects of Coupled Wave Power and Plasma Properties on Radiation Belt Dynamics	Standard Grant JAN 22
10	9	NE/X00015X/1	Y	Professor Joanna Bullard	Loughborough University	Microplastic entrainment, transport and fragmentation in atmospheric boundary-layer flows	Standard Grant JAN 22
11	9	NE/X000524/1	Y	Dr Rabi Chhantyal Pun	University of Nottingham	Direct Studies of Peroxy Radical Autoxidation Reactions	Standard Grant NI JAN 22
11	9	NE/X000516/1	N	Dr Alexander Archibald	University of Cambridge	Direct Studies of Peroxy Radical Autoxidation Reactions	Standard Grant NI JAN 22
12	8	NE/X000036/1	Y	Dr Michael Cotterell	University of Bristol	Light Absorption for Volatile Aerosol Particles: A New Measurement Approach	Standard Grant JAN 22
13	8	NE/X000079/1	Y	Professor Daniel Feltham	University of Reading	The future of Arctic sea ice	Standard Grant JAN 22
13	8	NE/X000125/1	N	Dr Michel Tsamados	University College London	The future of Arctic sea ice	Standard Grant JAN 22
14	8	NE/X000885/1	Y	Dr Sofie Sjoergersten	University of Nottingham	Tropical wetland methane emissions - processes and predictions: TropMethane	Standard Grant JAN 22
14	8	NE/X00063X/1	N			Not funded	Standard Grant JAN 22
15	8	NE/X000230/1	Y			Not funded	Standard Grant JAN 22
16	8	NE/X000419/1	Y			Not funded	Standard Grant JAN 22
17	8	NE/X001202/1	Y			Not funded	Standard Grant JAN 22
18	8	NE/X000427/1	Y			Not funded	Standard Grant JAN 22
19	8	NE/X000214/1	Y			Not funded	Standard Grant JAN 22
20	8	NE/X000877/1	Y			Not funded	Standard Grant JAN 22

21	8	NE/X000575/1	Y			Not funded	Standard Grant JAN 22
		NE/X000826/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001008/1	N			Not discussed at panel	Standard Grant JAN 22
		NE/X00080X/1	N			Not discussed at panel	Standard Grant JAN 22
		NE/X000982/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001032/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001067/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001296/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001326/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001512/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001555/1	Y			Not discussed at panel	Standard Grant JAN 22
		NE/X001520/1	N			Not discussed at panel	Standard Grant JAN 22
		NE/X000672/1	Y			Not discussed at panel	Standard Grant JAN 22

January 2022 - Panel C

Rank	Overall Score (0-10)	Grant Reference	Lead / Sole Grant	Grant Holder	Research Organisation	Project Title	Call
1	9	NE/X000990/1	Y	Professor Jonathan Todd	University of East Anglia	DiMethylSulfolioPropionate cycling In Terrestrial environments (DMSP InTerrest)	Standard Grant Jan 22
1	9	NE/X001075/1	N	Dr Frances Hopkins	Plymouth Marine Laboratory	DiMethylSulfolioPropionate cycling In Terrestrial environments (DMSP InTerrest)	Standard Grant Jan 22
2	9	NE/X000362/1	Y	Professor Andrew Radford	University of Bristol	Mongoose Markets: The Provision and Value of Public Goods	Standard Grant Jan 22
3	9	NE/X001172/1	Y	Dr Lina Mercado	University of Exeter	Sensitivity of Tropical Forest to Heat Stress -Trop-Heat	Standard Grant Jan 22
4	9	NE/X000117/1	Y	Professor Owen Lewis	University of Oxford	The ecological and evolutionary legacy of extreme climatic events for food web resilience	Standard Grant Jan 22
4	9	NE/X000451/1	N	Professor Jonathan Bridle	University College London	The ecological and evolutionary legacy of extreme climatic events for food web resilience	Standard Grant Jan 22
5	9	NE/X001164/1	Y	Professor David Robert Galbraith	University of Leeds	Lethal Psi: Characterising critical embolism thresholds for Amazon tree survival	Standard Grant Jan 22
6	9	NE/X001504/1	Y	Professor Emily Rayfield	University of Bristol	Eat, heat and listen: on becoming a mammal	Standard Grant Jan 22
7	9	NE/X001261/1	Y	Dr Fanny Monteiro	University of Bristol	CoccoTrait: Revealing Coccolithophore Trait diversity and its climatic impacts	Standard Grant Jan 22
8	9	NE/X00127X/1	Y	Professor Laura Robinson	University of Bristol	A deep-sea perspective on coral resilience in a changing world	Standard Grant Jan 22
9	8	NE/X001245/1	Y	Professor Hendrik Schaefer	University of Warwick	The tree phyllosphere microbiome - an overlooked and important sink for carbon monoxide?	Standard Grant Jan 22
10	8	NE/X001423/1	Y	Professor Tom Little	University of Edinburgh	The environmental drivers of senescence: an experimental test in the wild	Standard Grant Jan 22
11	8	NE/X000184/1	Y	Professor Ben Sheldon	University of Oxford	Understanding within- and between-population variation in responses to climate variability and extreme climatic events	Standard Grant Jan 22
12	8	NE/X000346/1	Y	Professor Josephine Pemberton	University of Edinburgh	Is phenology evolving in response to climate change?	Standard Grant Jan 22
12	8	NE/X000303/1	N	Dr Fiona Kenyon	Moredun Research Institute	Is phenology evolving in response to climate change?	Standard Grant Jan 22
13	8	NE/X000192/1	Y	Professor Nicolas Bury	University of Suffolk	PROTECT: Predicting teleost fish species' sensitivity at molecular initiating events	Standard Grant Jan 22
14	8	NE/X000680/1	Y	Dr Samantha Patrick	University of Liverpool	Resolving the life-history trade-off paradox: Measuring resource acquisition to reveal life-history trade-offs over different temporal scales	Standard Grant Jan 22
14	8	NE/X000796/1	N	Professor Richard Phillips	BAS	Resolving the life-history trade-off paradox: Measuring resource acquisition to reveal life-history trade-offs over different temporal scales	Standard Grant Jan 22
15	8	NE/X000281/1	Y	Professor Andrew Hector	University of Oxford	Combining long-term field data and remote sensing to test how tree diversity influences aboveground biomass recovery in logged tropical forests	Standard Grant Jan 22
16	8	NE/X001237/1	Y	Dr Sinead Collins	University of Edinburgh	Empirical determination of the interaction landscape for temperature, CO2 and nitrate for a model diatom	Standard Grant Jan 22
17	8	NE/X000540/1	Y	Professor Kayla King	University of Oxford	Host-parasite coadaptation in a warming world	Standard Grant Jan 22
18	8	NE/X000273/1	Y	Professor Gareth Phoenix	University of Sheffield	Below Ground Control of Ecosystem Carbon Sequestration under Elevated CO2	Standard Grant Jan 22
19	8	NE/W010013/1	Y	Dr Stephen Montgomery	University of Bristol	Genetic architecture of brain evolution during ecological divergence	Standard Grant Jan 22
20	8	NE/X000621/1	Y			Not funded	Standard Grant Jan 22
21	8	NE/X001121/1	Y			Not funded	Standard Grant Jan 22
22	8	NE/X001059/1	Y			Not funded	Standard Grant Jan 22
23	8	NE/X000818/1	Y			Not funded	Standard Grant Jan 22
24	8	NE/X000761/1	Y			Not funded	Standard Grant Jan 22
25	8	NE/X00032X/1	Y			Not funded	Standard Grant Jan 22
26	8	NE/X001458/1	Y			Not funded	Standard Grant Jan 22
27	8	NE/X001210/1	Y			Not funded	Standard Grant Jan 22
28	8	NE/X001407/1	Y			Not funded	Standard Grant Jan 22
		NE/X000044/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X00046X/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000486/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000559/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000591/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000664/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000915/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X001105/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X001113/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X00130X/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X001377/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X001415/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X001342/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000788/1	Y			Not discussed at panel	Standard Grant Jan 22

		NE/X000648/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X00094X/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000753/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X00144X/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000338/1	Y			Not discussed at panel	Standard Grant Jan 22
		NE/X000370/1	Y			Not discussed at panel	Standard Grant Jan 22