

NEIF Approved Projects 2024

Round	NEIF #	Project Title	Principal Investigator
Panel A - Radiocarbon (Archaeology)			
May-24	2747	Resubmission of application 2716.1023 Palaeoclimate reconstructions at Lough Barra and Coire Fhionn Lochan	Hardenbroek (University of Newcastle)
May-24	2749	Dating subfossil pine - Lindow Moss	Lageard (Manchester Metropolitan University)
May-24	2770	Soil organic carbon stabilisation in agricultural peatlands	Pellegrini (University of Cambridge)
May-24	2778	How efficient is the transport and burial of terrestrial organic carbon by powerful turbidity currents in the deep-sea Congo Fan?	Talling (Durham University)
May-24	2754	Lateglacial and Holocene ecological and hydrologically changes in southern England – case studies from Gatcombe Withy and Munsley Bog, Isle of Wight	Wulf (University of Portsmouth)
May-24	2756	Does the age of greenhouse gases differ between dissolved gases or ebullition in rewetted peatlands?	Peacock (University of Liverpool)
May-24	2758	Detecting Deep Ocean Changes Using Paired Benthic-Planktic Foraminiferal 14C dates During the 8.2 kyr Event	Thornalley (University College London)
May-24	2764	The Big Thaw - gauging the past, present and future of our mountain water resources: radiocarbon dating application no. 1	Roberts (British Antarctic Survey)
May-24	2767	Dating Groundwaters in Natural Hydrogen Systems	Gluyas (Durham University)
May-24	2769	The timing and periodicity of turbidite emplacement in the Theta Gap, North East Atlantic Ocean	Dickson (Royal Holloway, University of London)
May-24	2776	Elucidating the human and/or environmental drivers of the mid-Holocene “pine-decline”™ in Scotland	Wilson (University of St Andrews)
May-24	2779	Getting to the heart of the matter: Source contribution to tree stem methane emissions in the Amazon	McNamara (Centre for Ecology and Hydrology, Lancas)
May-24	2792	The Development and Evolution of Caribbean Reef Islands	Gulliver (University of Glasgow)
May-24	2793	The legacy of peat extraction on river carbon emissions	Dean (University of Bristol)
Nov-25	2828	Integrating past and present ecologies, and traditional knowledge for effective biodiversity management into the future – IPPET	Adeleye (University of Cambridge)
Nov-25	2830	2765.0424 - Re-submission - Chairs action	Mayle (University of Reading)
Nov-25	2831	Disentangling environmental change in the Amazon: vegetation responses to Holocene drivers in the YasunÃ- national park (Ecuador)	Smedley (University of Liverpool)
Nov-25	2860	Kang-Glac	Lloyd (Durham University)
Nov-25	2898	MR/V025082/1 – Finding and fixing gas leaks: Using urban waterways to halt the global rise in methane emissions.	Dean (University of Bristol)
Nov-25	2862	Understanding The Drivers of Recent Sea-Level Change In South Africa	Williams (Durham University)
Nov-25	2840	The role of buried wetland deposits from Ghost Pingo Ponds in rare aquatic plant conservation: establishing a provisional chronology	Bennion (University College London)
Nov-25	2849	Late-Holocene wetland dynamics at Marshland, Humberhead Levels	Bunting (University of Hull)
Nov-25	2853	Characterising reindeer population resilience to late Holocene environmental change in Northern Finland	Mackay (Durham University)

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Nov-25	2856	Reconstruction of Holocene lake mixing regimes in southern Finland	Hocking (Northumbria University)
Nov-25	2863	Fine Scale Ramped Oxidation of Saltmarsh Soils	Austin (University of St Andrews)
Panel A - Radiocarbon (Environment)			
May-24	2746	Rewilding	Cooper (University of Oxford)
May-24	2751	Paired human-faunal radiocarbon dates from prehistoric cemeteries of Lake Baikal	Schulting (University of Oxford)
May-24	2752	Dating clubs: 14C dating of select Indigenous South American ceremonial weapons	Ostapkowicz (University of Oxford)
May-24	2751	Dating the Bronze Age burials of Nahal Refaim	Schulting (University of Oxford)
May-24	2757	Dating the Early Kurgan period; the view from Rabati, Georgia	Longford (University of Sheffield)
May-24	2759	Redefining the Chronology of Falconry	Sykes (University of Exeter)
May-24	2760	Chronologies of Cattle at Iron Age and Roman Owslebury (Hampshire)	Sykes (University of Exeter)
May-24	2761	Radiocarbon dating applied to the architectural and spatial variability of chullpas (above-ground tower-shaped monuments) in Altiplano Carangas 2024	Sillar (University College London)
May-24	2762	Mobility, ancestry and chronology at Bougon E	Scarre (Durham University)
May-24	2780	Establishing a chronology for a Bronze Age burial mound at Berk Farm, Isle of Man	Fowler (University of Newcastle)
May-24	2790	Dartmoor Tor Enclosures Survey, Dewerstone	Basell (University of Leicester)
May-24	2795	Epipalaeolithic Dogs	Larson (University of Oxford)
May-24	2750	CLAM Fiji: Climate Data from Lapita-Aged Middens, Fiji	John (Cardiff University)
May-24	2777	Establishing the chronology of Kura-Araxes socio-economic practices in Azerbaijan: Continuity or Change?	Maurer (University of Reading)
May-24	2749	Dating subfossil pine - Lindow Moss	Lageard (Manchester Metropolitan University)
Nov-24	2838	La Madeleine: dating the type site of the Magdalenian	Pettitt (University of Oxford)
Nov-24	2839	Upper Palaeolithic of Climauti II, Moldova	Pettitt (Durham University)
Nov-24	2841	Investigating Regional Variation in Early Neolithic Lifeways in Britain	Montgomery (Durham University)
Nov-24	2843	Exploring urban agro-ecological variability during the Late Bronze Age – Early Iron Age transition at the city of Hattuša	Diffey (University of Oxford)
Nov-24	2846	Establishing the chronology of Maya Urban development through dating of stratigraphic evidence	Arroyo-Kalin (University College London)
Nov-24	2850	Investigating micromammalian population dynamics against palaeoecological oscillations in the Southern Caucasus	Brace (Natural History Museum)
Nov-24	2851	Insights into the Transition to Sedentism and Agriculture: Radiocarbon Dating of Middle Pre-ceramic Funerary Contexts at the Mouth of the Ica River, Peru	Pomeroy (University of Cambridge)
Nov-24	2854	Investigating technological responses to environmental change in the lowland tropical forests of western New Guinea since the Last Glacial Maximum	Gaffney (University of Oxford)
Nov-24	2855	Brusselstown Ring and Knocknashee Radiocarbon Dating Project	Brandherm (Queen's University Belfast)
Nov-24	2864	Dating the Old Elamite period at Hirbodan, Iran	Dahl (University of Oxford)
Nov-24	2866	PALUP "Making" the landscape: a palaeoecological and archaeological investigation of late prehistoric land use in upland England.	Charles (University of Oxford)
Nov-24	2842	England's earliest aristocrats? Understanding Earls Barton's first burial population	Wright (University of Newcastle)
Nov-24	2745	Sea of Moyle Project	Brown (University of Southampton)

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Panel B - Life Sciences			
May-24	2744	PLFAs in savannah soils (SPECTRAL Project)	Subke (University of Stirling)
May-24	2774	Decision support tool development for IMTA management in the North Atlantic	Telfer (University of Stirling)
May-24	2775	Methane-derived carbon in urban drainage ponds: characteristics and links to riparian ecosystems	Briers (Napier University)
May-24	2777	Establishing the chronology of Kura-Araxes socio-economic practices in Azerbaijan: Continuity or Change?	Maurer (University of Reading)
May-24	2782	Drivers of individual foraging specialisation in a model seabird, the Falkland Islands shag	Bodey (University of Aberdeen)
May-24	2784	Effects of cross-ecosystem nutrients on coral reef food webs	Benkwitt (Lancaster University)
May-24	2786	Roman Melting Pots: Tracing food residues and cultural diversity in a frontier zone	Cramp (University of Bristol)
May-24	2797	Diet dependent maintenance of amino acid content in the ageing brain	Montgomery (University of Bristol)
May-24	2770	Soil organic carbon stabilisation in agricultural peatlands	Pellegrini (University of Cambridge)
May-24	2798	Investigating PFAS concentrations in relation to the trophic ecology of Southern Ocean seabirds.	Phillips (British Antarctic Survey)
Nov-24	2829	Using stable isotopes to contextualise pod structure, habitat use and diet of 54 long-finned pilot whales in days to months leading up to a fatal mass stranding event	Magill (Herriot-Watt University)
Nov-24	2835	Investigating the impact of aboveground herbivores on belowground carbon allocation	Griffiths (University of Bristol)
Nov-24	2836	Molecular Panels for Assessing Chalcolithic Socio-Cultural Change at Shiqmim (ca. 4500 – 3600 BCE)	Friesem (University of Cambridge)
Nov-24	2857	Quantifying vampire bat prey across different coastal colonies	Streicker (University of Glasgow)
Nov-24	2859	The Pliocene Origin of the Modern Sub-Polar North Atlantic System	Dunkley Jones (University of Birmingham)
Panel C - Geology & Environment			
May-24	2750	CLAM Fiji: Climate Data from Lapita-Aged Middens, Fiji	Prof E John (Cardiff University)
May-24	2778	Transport and burial of terrestrial organic carbon by powerful turbidity currents in the deep-sea Congo Fan	Prof P Talling (University of Southampton)
May-24	2800	High precision geochronology of the Ordovician in China	Dr P V Vermeesch (University College London)
May-24	2803	Bones of the Northumbrian Landscape - A New Zooarchaeology of Jarrow	Dr J Montgomery (University of Durham)
May-24	2806	Antarctic Arc	Dr T Barry (University of Leicester)
May-24	2811	Reconstructing Late Holocene environmental change using nearshore cave-grown speleothems, western Scotland	Prof M Lee (University of Glasgow)
May-24	2813	A systematic approach to improving the geological interpretation of zircon U-Pb studies	Dr I Neill (University of Glasgow)
May-24	2814	Evaluating nutrient, organic carbon and sediment sources and cycling in Oxbow Lakes	Dr S Worne (Loughborough University)
May-24	2815	Exploring the mobility of women and children in Roman York using a multi-isotope approach	Dr M Alexander (University of York)
May-24	2816	Interglacial environmental changes in the permafrost region of northern Mongolia	Prof S Breitenbach (Northumbria University)

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May-24	2817	Magmatic differentiation and critical raw material (CRM) enrichment in the Mourne Mountains Complex, Northern Ireland	Dr S P Hollis (University of Edinburgh)
May-24	2821	Miocene biserial planktic foraminifera: evolution and environment	Dr C Smart (University of Plymouth)
May-24	2822	Active fault-slip rates and earthquake recurrence controlled by stress transfer and viscous flow	Prof G Roberts (University College London)
May-24	2823	Scotland, using high precision U-Pb CA-ID-TIMS zircon dating	Prof G Shields-Zhou (University College London)
May-24	2824	Secondary enlargement and biogenic modification of tropical caves	Dr A Farrant (British Geological Survey - Keyworth)
May-24	2825	Insights into the growth of the Arabian Nubian Shield during Pan African Orogeny	Dr C Pickard (University of Edinburgh)
Nov-24	2868	U-Pb geochronological dating of subduction initiation in Panama	Dr D M Buchs (Cardiff University)
Nov-24	2869	Macro and micronutrient controls on the Southern Ocean biological pump	Dr G Swann (University of Nottingham)
Nov-24	2870	Evolution of marine-87Sr/87Sr in the Oligocene and early in the Miocene	Prof J M McArthur (University College London)
Nov-24	2871	Towards disentangling past P and N limitation in shallow lakes	Dr L Roberts (University College London)
Nov-24	2872	Isotopic and Lagrangian-type sampling scheme	Prof D Gooddy (British Geological Survey - Wallingford)
Nov-24	2874	Towards disentangling past P and N limitation in shallow lakes	Dr Q Lu (University of Cambridge)
Nov-24	2876	Reconstructing the seasonality of Neolithic agropastoral management at Dispilio, Lake Kastoria	Dr A Bogaard (University of Oxford)
Nov-24	2879	Understanding phosphorus sources at the farm scale using $\delta^{18}\text{O}$ of phosphate	Prof D Gooddy (British Geological Survey - Wallingford)
Nov-24	2880	Fine sediments in rivers impacted by invasive signal crayfish	Dr C H Sanders (University of Lincoln)
Nov-24	2881	Methane source attribution in peatland streams using $\delta^2\text{H}$ and $\delta^{13}\text{C}$ stable isotopes	Prof R G Hilton (University of Oxford)
Nov-24	2882	Stable isotope evaluation of underexplored nutrient sources	Dr S Worne (Loughborough University)
Nov-24	2888	Mitigating Human-Wildlife Conflict using radiogenic isotope analysis – the Orcadian Farmers and Greylag Geese	Dr TW Bodey (University of Aberdeen)
Nov-24	2889	Resolving the timescales and relationships for ophiolite obduction, arc formation and mineralising processes	Dr S P Hollis (University of Edinburgh)
Nov-24	2891	chitin-d ^{18}O	Dr S Engels (Birkbeck College)
Nov-24	2892	Enhancing knowledge of nitrate pollution risks to groundwater-based rural community water supplies in sub-Saharan Africa	Dr A Geddes (University of Dundee)
Nov-24	2894	Timing of LCT Pegmatites in the Namibian Damara Belt	Dr N J Gardiner (University of St Andrews)
Nov-24	2895	Understanding Late Roman and Early Medieval migration (3rd to 6th century) in and through the area	Dr SA Inskip (University of Leicester)
Nov-24	2896	Tracing magmatic sources for porphyry copper formation in the northern Chilean Andes	Dr F J Cooper (University of Bristol)
Nov-24	2897	Timescales of Rooiberg Group volcanism- the missing key to understanding the Bushveld Igneous Complex magmatic event	Prof L J Robb (University of Oxford)