UK Research and Innovation

सत्यमेव जयते
Ministry of Earth Sciences

Understanding Geohazard Processes and Their Impacts Across India

Call Launch Webinar

Natural Environment Research Council

Arts and Humanities Research Council

Economic and Social Research Council

Engineering and Physical Sciences Research Council

UK Research and Innovation

UK Research and Innovation

सत्यमेव जयते
Ministry of Earth Sciences

Programme Wide Overview

Natural Environment Research Council

Arts and Humanities Research Council

Economic and Social Research Council

Engineering and Physical Sciences Research Council

Understanding geohazard processes and their impacts across India: call background and rationale

- Geophysical events are the deadliest type of disaster
- Majority of deaths from geohazards occur in low and middle income countries
- Scoping workshop held in India: January 2023
- Joint call launched between UKRI (NERC, EPSRC, AHRC, ESRC) and MoES
- Aligns to UKRI Building a Secure and Resilient World strategic theme

UK Research and Innovation

सत्यमेव जयते

Ministry of Earth Sciences

Scope overview

This programme will fund interdisciplinary research that:

• seeks to understand the fundamental physics of earthquake and landslide processes behind geohazard events in India and its neighbouring countries

• develops and tests new technologies and techniques for low-cost solutions to monitoring, identifying and quantifying geohazards over vast regions, including addressing barriers to uptake and implementation by local communities

• explores the social, cultural and environmental impacts of cascading geohazards within India and its neighbouring countries in order to enhance environmental, structural and community resilience at the local, regional and national scale by devising novel risk reduction and mitigation strategies

Essential project components & geographical focus:

Projects must address all three components:

1. further understanding of the fundamental properties and physics of earthquake and/or landslide processes through appropriate methods

2. apply this understanding to improve risk and vulnerability maps and models, and refine hazard forecasting and early warning systems of earthquakes or landslides and subsequent cascading hazards

3. propose novel mitigation strategies in order to enhance resilience to geohazards

Projects must focus on geohazards in India and its neighbouring countries but can research events that occur at any type of plate boundary.

Key points

- All projects must be collaborative and include eligible UK and Indian researchers.
- All applications must involve collaboration with at least one eligible researcher from a MoES institute.
- Each UK component can request up to £1million, UKRI will fund 80% of this amount.
- MoES will provide matched equivalent funds for eligible Indian applicants.
- Applicants may be involved in no more than two applications. Only one of these can be as project lead.
- Projects must be four years in duration.
- Projects must start by 15th February 2024
- UKRI cannot fund studentships or ship time costs under this call
- On the UK side all applications should include NERC remit researchers and must cover at least two UKRI-council remits (i.e. NERC + one other from those involved with this call).

UK Research and Innovation

सत्यमेव जयते
Ministry of Earth Sciences

AHRC presentation: how the AHRC community can engage with the call

Natural Environment Research Council

Arts and Humanities Research Council

Economic and Social Research Council

Engineering and Physical Sciences Research Council

UK Research and Innovation

Arts and Humanities Research Council

AHRC & Understanding Geohazard processes and their impacts across India

Lucy Hackett
Head of Health, Environment and Urban Humanities
12 July 2023

UK Research and Innovation

What we do

The work that AHRC funds **underpins health, happiness, well-being and thriving places**; it creates space for research and innovation to make a difference to society and the economy and it is **ever more powerful** when **combined with expertise** from other **disciplines, sectors and contexts**.

AHRC

Our Environment Portfolio

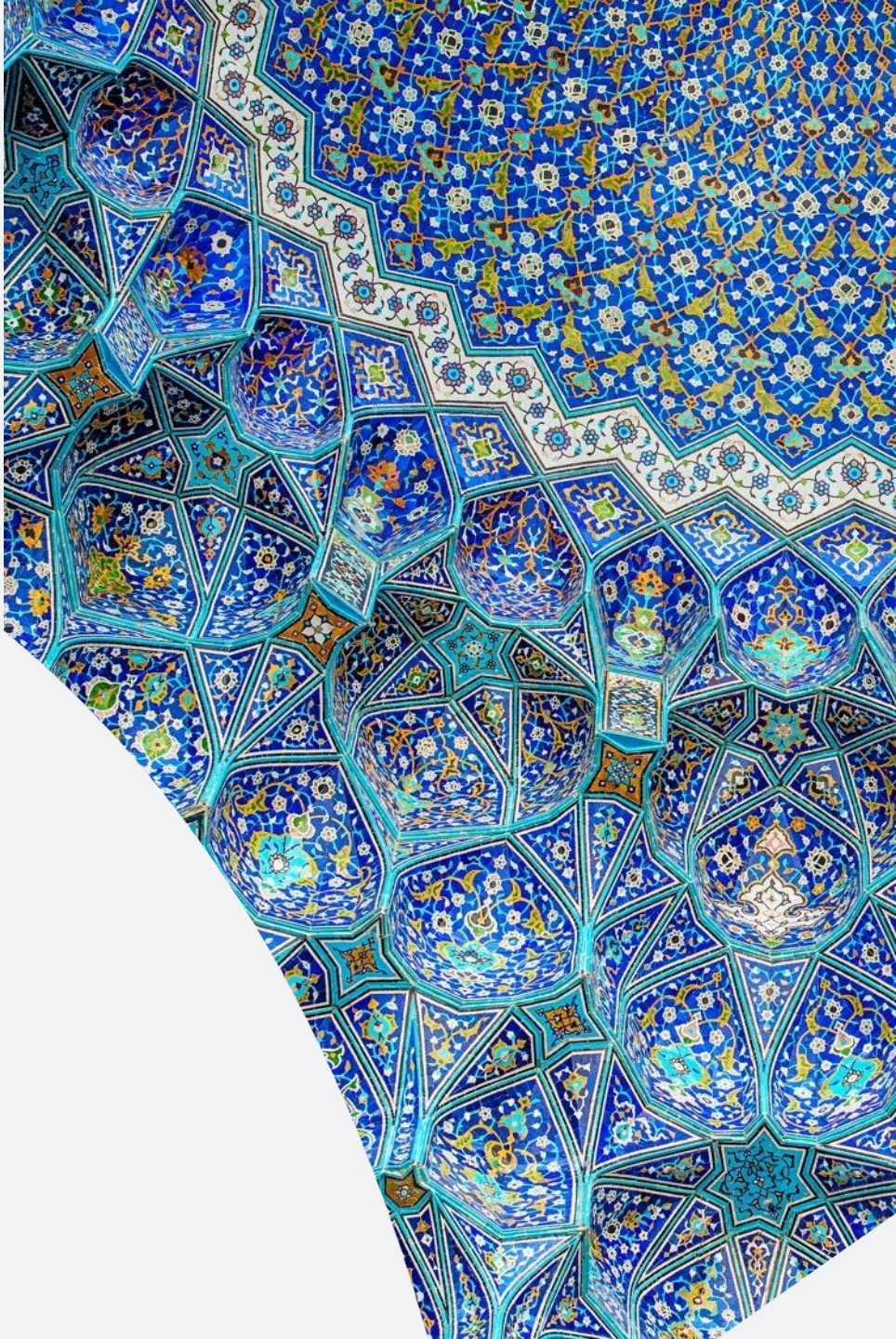
AHRC's **Environment Portfolio** recognises that environmental change is among the **greatest challenge of our age** and that arts and humanities researchers can offer unique and essential perspectives and approaches to **understanding how people, places and the natural world** are affected by environment change.

UK Research and Innovation

What we fund

The majority of the research funded through our environment portfolio comes from the following disciplines:

- Archaeology
- Design
- Environmental Humanities
- Geography/Human Geography
- Languages & Literature
- History
- Visual Arts
- Philosophy



UK Research and Innovation

UK Research and Innovation

सत्यमेव जयते
Ministry of Earth Sciences

TFS Submission and Assessment Process

Natural Environment Research Council

Arts and Humanities Research Council

Economic and Social Research Council

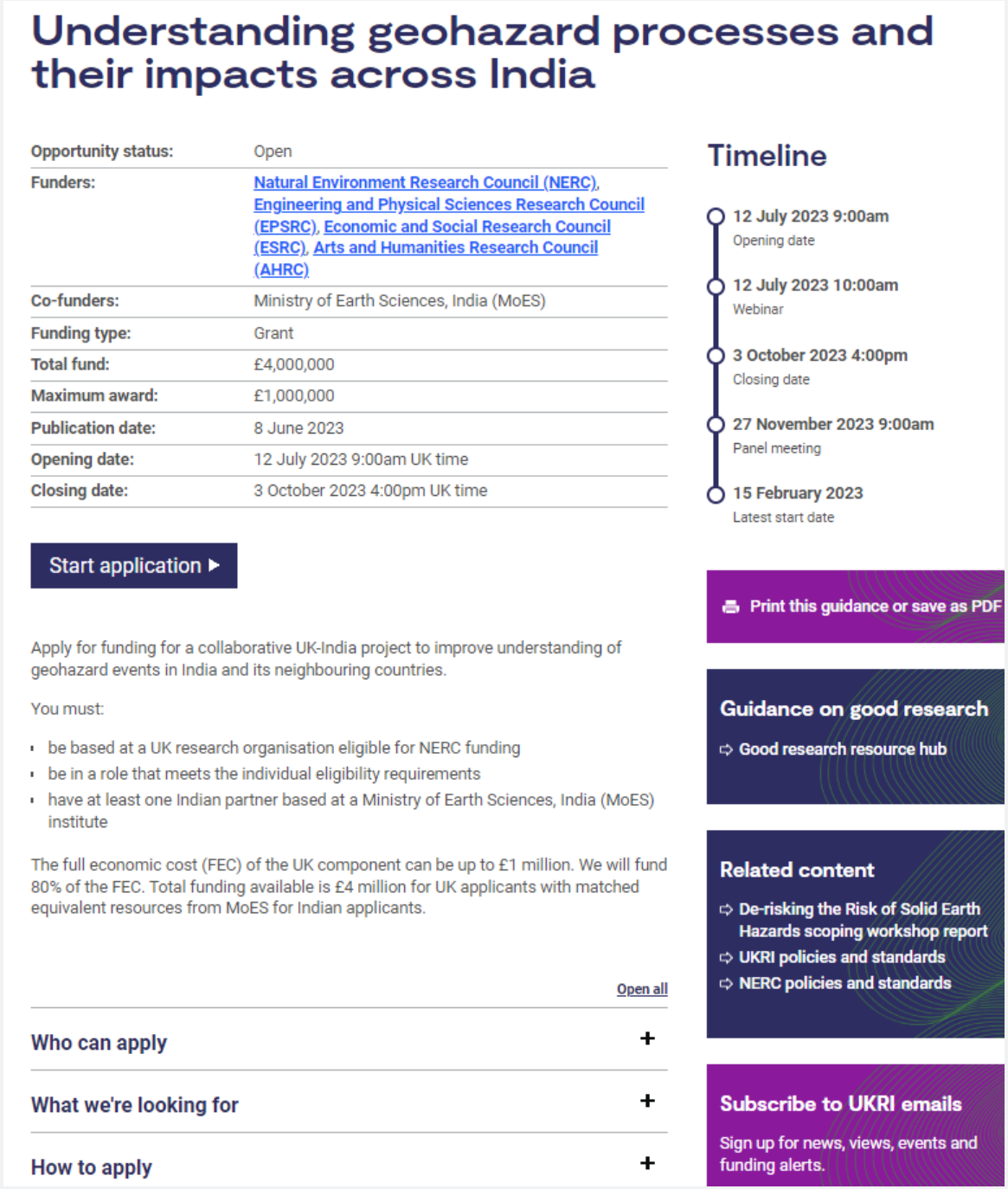
Engineering and Physical Sciences Research Council

UK Research and Innovation

Applications will be submitted via The Funding Service:

https://www.ukri.org/opportunity/understanding-geohazard-processes-and-their-impacts-across-india/

https://funding-service.ukri.org/OPP210/apply/214



Understanding geohazard processes and their impacts across India

Opportunity status:	Open
Funders:	Natural Environment Research Council (NERC), Engineering and Physical Sciences Research Council (EPSRC), Economic and Social Research Council (ESRC), Arts and Humanities Research Council (AHRC)
Co-funders:	Ministry of Earth Sciences, India (MoES)
Funding type:	Grant
Total fund:	£4,000,000
Maximum award:	£1,000,000
Publication date:	8 June 2023
Opening date:	12 July 2023 9:00am UK time
Closing date:	3 October 2023 4:00pm UK time

Start application ▸

Apply for funding for a collaborative UK-India project to improve understanding of geohazard events in India and its neighbouring countries.

You must:

- be based at a UK research organisation eligible for NERC funding
- be in a role that meets the individual eligibility requirements
- have at least one Indian partner based at a Ministry of Earth Sciences, India (MoES) institute

The full economic cost (FEC) of the UK component can be up to £1 million. We will fund 80% of the FEC. Total funding available is £4 million for UK applicants with matched equivalent resources from MoES for Indian applicants.

Open all

Who can apply +

What we're looking for +

How to apply +

Timeline

12 July 2023 9:00am
Opening date

12 July 2023 10:00am
Webinar

3 October 2023 4:00pm
Closing date

27 November 2023 9:00am
Panel meeting

15 February 2023
Latest start date

Print this guidance or save as PDF

Guidance on good research
Good research resource hub

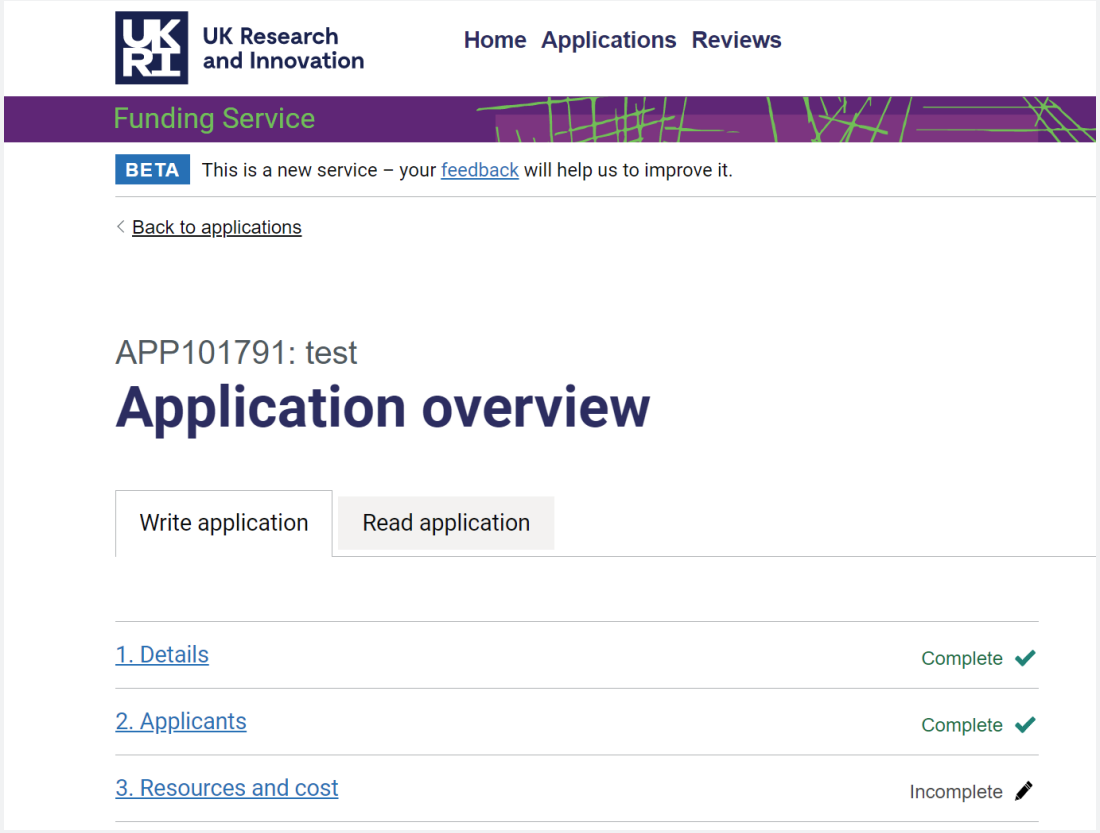
Related content
De-risking the Risk of Solid Earth Hazards scoping workshop report
UKRI policies and standards
NERC policies and standards

Subscribe to UKRI emails
Sign up for news, views, events and funding alerts.

UK Research and Innovation

Application Sections

- Summary
- Applicants
- Vision & Approach
- Applicant & Team Capability to Deliver
- Ethics & Responsible Research & Innovation
- Project Partners
- Facilities
- Data Management & Sharing
- References
- Resources & Cost Justification



Application Sections: TFS guidance

APP102039

Approach

How are you going to deliver your proposed work?

▼ What the assessors are looking for in your response

You should:

- provide clearly defined, ambitious, and adventurous objectives
- describe a suitable programme of work to achieve the project aim(s), indicating the experimental and data analytical research to be undertaken
- identify any particularly innovative, unconventional methodologies or approaches that will be explored
- describe key milestones where you may need to make decisions, track, or evaluate progress
- demonstrate your awareness of any potential challenges, risks, or limitations of the proposed project
- describe any alternative approaches, or the learning potential in the event of negative results

It may be helpful to include a diagram that provides a visual overview. This can be uploaded as an 8MB PDF attachment.

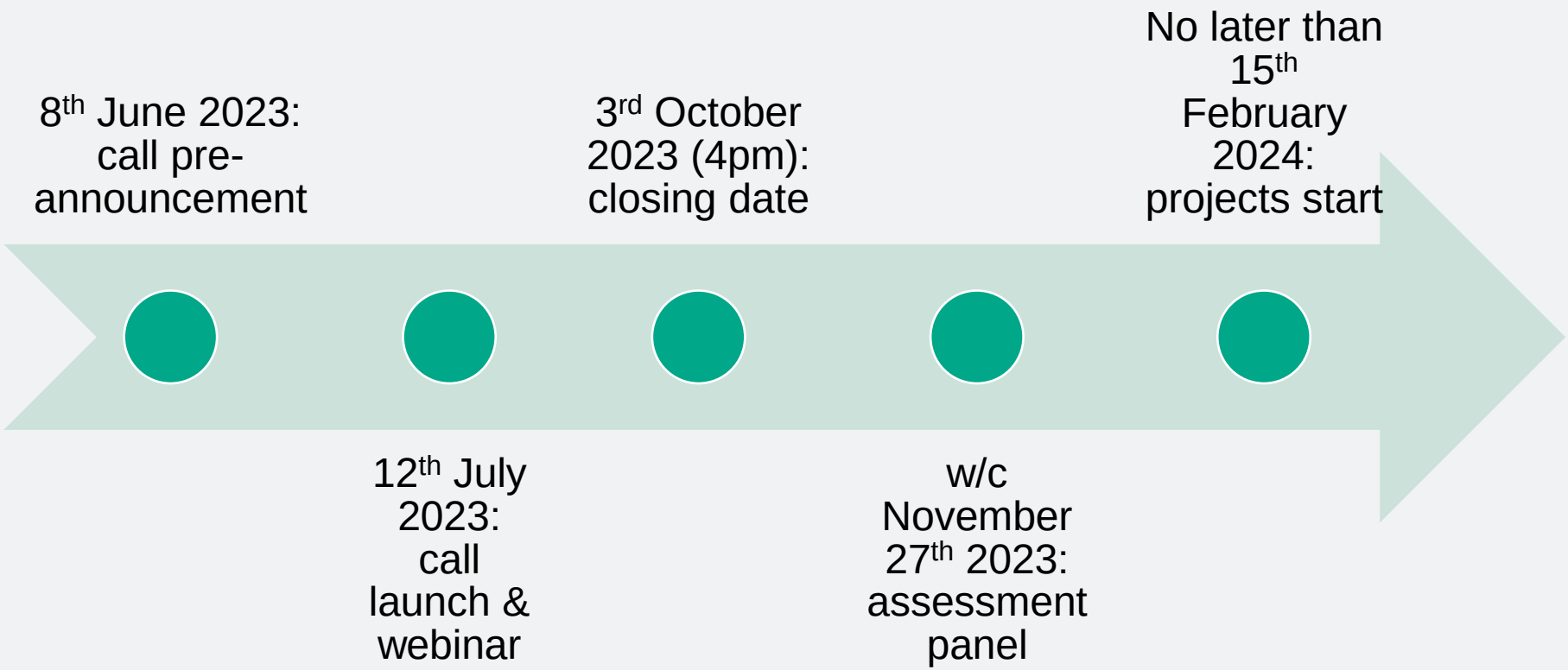
Number your references in this section using a superscript citation style. Then include the details of these references in a corresponding list, in the 'References' section of this application.

Paragraph

You have 1500 words remaining

UK Research and Innovation

Call Timeline



UK Research and Innovation

Additional TFS help

Links to additional resources on how to apply through the Funding Service are given in the full opportunity that is available on the Funding Finder.

Additional guidance can be sought from the dedicated support team:

support@funding-service.ukri.org

Telephone: 01793 547490