

Overview of session:

- 15-20 minute presentation on Resilience Portfolio and calls
- 10 minutes of break-out discussion around 3 key questions
- 15 minutes of plenary feedback around questions / general Q&A around theme

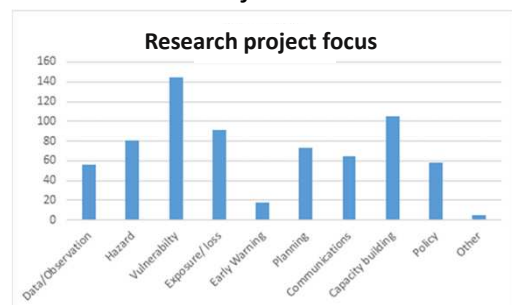
GCRF Resilience Portfolio to June 2018: 209 Projects

GCRF portfolio research leadership observed:

- **Integrated hazards and vulnerability** work for fuller range of policy/practice options.
- **Local and scientific knowledges** or participatory methods deployed alongside technical analysis to understand adaptive experience, behaviour and policy/practice options.

Emerging:

- **Knowledge production methods** – e.g. role of uncertainty and ambiguity in risk modelling, policy analysis and communication.
- The role of **mediating systems** in the transition from hazard to impact: emphasis on infrastructure, decision-making, everyday practices, beliefs.



Geographical distribution – 78 countries;
29% in Kenya, India, Nepal, Tanzania, South Africa.
Or: 31% in C'bean, Kenya, India, Nepal, Tanzania

Closest synergies with urban and food security.



GCRF Context to Resilience Calls

- **Equitable Resilience: ensuring resilience enhances the Sustainable Development Goals**
- **Multihazard and Systemic Risk**

GCRF Context:

- GCRF legacy research:
 - Including: NERC/AHRC/ESRC Building Resilience programme
- GCRF currently active:
 - including: Hubs, Growing Research Capability
- GCRF future:
 - including: UKRI GCRF Collective Programme

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Equitable resilience: ensuring resilience enhances the Sustainable Development Goals

Scope:

- We aim to fund 10 research proposals of up to 36 months duration.
- A short [Expression of Interest](#) (EOI) should have been completed by 16:00 on 7 March 2019.
- **All proposals must be submitted through the [Je-S system](#) by 16:00 on 17 April 2019.**
- Grants are expected to start by 1 November 2019.

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Equitable resilience: ensuring resilience enhances the Sustainable Development Goals

Global Context:

- The ambition of the UNISDR Sendai Framework is to 'build back better'.
- The ambition of the SDGs is to 'leave no-one behind'.
- Equitable Resilience aims to provide **an evidence base** on the ways in which climate change adaptation, humanitarian action, risk management and resilience can enable **pathways for transition to sustainable development** - ensuring equity across poor and marginalised communities in developing countries.

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Equitable resilience: ensuring resilience enhances the Sustainable Development Goals

Structure:

- Transformative adaptation
- Survivor-led humanitarian response
- Enhancing local capacity through understanding and reducing risk
- Risk management-development co-benefits
- Requires interdisciplinary work embedded with practice and policy actors and/or working closely with those at risk.

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Multiple and Systemic Risks

- Launched
- Outline Bid deadline: 15 May 2019.
- Up to £3.5m per project, total spend = £7m.
- To start Aril 2020 for 3 years.
- All projects are required to have a principal investigator based in a UK research organisation eligible for UKRI funding
- webinar 1 - 09:00-11:00 BST/GMT+1 on 5 April 2019
- webinar 2 - 14:00-16:00 BST/GMT+1 on 8 April 2019.
- Details about how to register / dial-in will be provided on **1 April 2019**.

<https://nerc.ukri.org/research/partnerships/international/gcrf/news/ao-ukri-risks/>

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Multiple and Systemic Risks

Motivation:

- The UNFCCC and WTO have highlighted **the importance of environmental shocks, and stresses, as triggers for wider risk cascades spreading across sectors** and resulting in economic disruption, political instability and health crisis, particularly in low and middle income countries.
- Projects will improve our understanding of how environmental shocks and stresses propagate through systems to create impacts across sectors, and **how developing world countries can effectively build resilience to these systemic risks.**

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Multiple and Systemic Risks

Focus:

- The research required incorporates characterization of the exposure and **vulnerability** of communities and infrastructure to **multiple environmental processes** that have potential to cause damage especially through hazard and risk **cascades and contagion**.
- Multi-hazards and Systemic Risks: that include but spread beyond natural hazards risk and impact



Multiple and Systemic Risks

The programme has three Research Challenges:

1. Understanding the drivers of multi-hazard events.
2. Characterising the cumulative impacts of risk chains
3. Increasing resilience to multi-hazards and systemic risks.

Projects must address all three Research Challenges listed above.

It is envisaged that the projects will take a case study approach, such as a watershed or small island state. Working across scales and over time and system.



Breakout Session

Instructions for break-out discussions

- Each table has three questions.
- On your table please select a question. For the next 10 minutes discuss with a view to formulating a statement of questions for open discussion.
- On returning to plenary tables will be invited to offer a comment or question.
- In plenary we then continue with any outstanding comments or questions specific to the Resilience portfolio.

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Table Questions:

1. What additional support/guidance could funders provide that would help you in your roles?
2. Who are the key research partner and stakeholder organisations we should be partnering with to deliver research in this area and enable research outputs to have impact?
3. How can we engage key research partner and stakeholder organisations better to deliver the research and enable research outputs to have impact?