

Lindsey Paul Jones

Nationality: British/French

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OVERVIEW

Lindsey Jones is a researcher working on issues related to climate resilience, disaster risk reduction and development. He has designed and led a number of large international research programmes in Africa and Asia, having held positions at the Overseas Development Institute, United Nations Development Programme, World Food Programme, and the CGIAR Research Program on Climate Change, Agriculture And Food Security (CCAFS). Lindsey's research is proudly cross-disciplinarily, combining quantitative assessments of large datasets with qualitative insights from local voices.

QUALIFICATIONS

- Ongoing** PhD candidate, Environmental Economics & Policy, London School of Economics & Political Science. Start: Sept 2016, Exp. complete: Sept 2019
- 2009** MSc (Distinction). Nature, Society and Environmental Policy, University of Oxford, UK
- 2008** BSc (Hons). Environmental Geography and International Development, University of East Anglia, UK

International Baccalaureate (IB), International School Phnom Penh, Cambodia (2005); IGCSE, International School Moshi, Tanzania (2003).

CITATIONS

1200 (as of March 2018: Google Scholar)

MEMBERSHIPS

Member of the Evidence for Decisions Scientific Committee, [Resilience Evidence for Decision Making Initiative \(REDDI\)](#)

HONOURS & AWARDS

Tropical Agriculture Association Award for postgraduate research; Kellogg College Alumni Award, Oxford University; Katie Wilkinson Research Scholarship, (UEA); Economic and Social Research Council (ESRC) (full PhD funding)

POSTS HELD

Jan 2010-present **Research Associate**, *Previously Research Fellow (2014-2016); Senior Research Officer (2011-2014); and Junior Research Officer (2010-2011)*

Overseas Development Institute (ODI), Climate and Environment Programme

Main role is to support, develop and facilitate research relating to climate change adaptation and resilience. Recent activities include: the development of new methods for measuring adaptation and resilience across scales; supporting the uptake of climate information into long-term decision making within NGOs and other development organisations; and providing technical assistance to developing country governments in planning for and evaluating adaptation solutions.

Sept 2016 - Present **Doctoral Researcher**, *Supervisor (Prof. Declan Conway)*

London School of Economics and Political Science, Grantham Research Institute on Climate Change and the Environment

My research examines subjective approaches to measuring resilience to climate change and extremes. The research collects large amounts of data through remote mobile phone surveys and uses mixed method approaches to evaluate the merits and limitations of perception-based approaches to quantifying resilience. *Expected completion: Sept 2019.*

A selection of current and past research projects:

BRACED Rapid Response Research

Designed, managed and coordinated a £350K research programme on tracking resilience in post-disaster contexts in Myanmar using mobile phone surveys. Responsible for all aspects of research design and project management. [More information here.](#)

Maternity cover for Nicola Ranger, Department for International Development (DFID) Climate Change Advisor, June 2015 – March 2016

Supported DFID's Research and Evidence Division and Africa Regional Department. Helped to design, coordinate and evaluate a £35M portfolio of resilience and climate science activities.

Future Climate For Africa (FCFA) scoping phase, Principle Investigator and Project Manager, 2013-2014. DFID/NERC funded (£0.5M)

Was in charge of a £0.5M portfolio of research activities spanning natural and social sciences. The FCFA programme looks to generate a more robust and 'decision-relevant' body of scientific evidence on medium-term (10 - 40 years) climate change to enable effective long-term planning and climate-resilient development across Africa. [More information here.](#)

African Climate Change Resilience Alliance (ACCRA), Principle Investigator and Steering Group Member 2010-2015 Oxfam funded (£0.6M)

Led ACCRA's research activities in evaluating the impact of development interventions on local adaptive capacity in Uganda, Ethiopia and Mozambique. ACCRA seeks to increase the use of evidence by governments and other development actors in implementing policies that improve poor people's resilience to climate related hazards. [More information here.](#)

Mar-Jun 2018 Visiting Scientist,
Commonwealth Scientific and Industrial Organisation (CSIRO),
Townsville, Australia

June-Oct 2014 Visiting Fellow,
International Livestock Research Institute (ILRI), the CGIAR Research
Program on Climate Change, Agriculture And Food Security (CCAFS),
Kenya

Sept-Dec 2009 National Adaptation Programme of Action (NAPA) Team Member,
United Nations Development Programme/Government of Nepal, Ministry
of Environment, Nepal

July-Sept 2009 Climate Research Intern,
United Nations World Food Programme (WFP), Nepal

July-Dec 2008 Project Assistant,
Human and Habitat Programme, Tolerance International- UK (TI-UK)

LANGUAGES

English (Mother Tongue); French (Fluent); Swahili (Basic)

TECHNICAL SKILLS

R (Advanced); SPSS (Proficient); STATA (Novice); Microsoft Office (Advanced);

PEER REVIEWED ARTICLES & BOOK CHAPTERS

- Donkor, F.K., Howarth, C., Ebhuoma, E., Daly, M., Vaughan, C., Pretorius, L., Mambo, J., MacLeod, D., Kythreotis, A., **Jones, L.** and Grainger, S., 2019. Climate Services and Communication for Development: The Role of Early Career Researchers in Advancing the Debate. *Environmental Communication*, pp.1-6. [Available here](#)
- Harvey, B., **Jones, L.**, Cochrane, L., & Singh, R. 2019. The evolving landscape of climate services in sub-Saharan Africa: What roles have NGOs played. *Climatic Change*, 1-18. [Available here](#)
- Jones, L.** 2018. Resilience isn't the same for all: Comparing subjective and objective approaches to resilience measurement. *WIREs Climate Change*. [Available here](#)
- Jones, L.**, Samman, E., Vinck, P. 2018. Subjective measures of household resilience to climate variability and change: Insights from a nationally-representative survey of Tanzania. *Ecology and Society*, 23(1). [Available here](#)
- Jones, L.**, Harvey, B., Cochrane, L., Cantin, B., Conway, D., Cornforth, R. J., ... & Kirbyshire, A. 2017. Designing the next generation of climate adaptation research for development. *Regional Environmental Change*, 1-8. [Available here](#)
- Jones, L.**, Ludi, E., Jeans, H., & Barihaihi, M. 2017. Revisiting the Local Adaptive Capacity framework: learning from the implementation of a research and programming framework in Africa. *Climate and Development*, 1-11.
- Clare, A., Graber, R., **Jones, L.**, & Conway, D. 2017. Subjective measures of climate resilience: What is the added value for policy and programming?. *Global Environmental Change*, 46, 17-22. [Available here](#)
- Otto, I.M., Reckien, D., Reyer, C.P., Marcus, R., Le Masson, V., **Jones, L.**, Norton, A. and Serdeczny, O. 2017. Social vulnerability to climate change: a review of concepts and evidence. *Regional Environmental Change*. 17: 1651. [Available here](#)
- White, C. J., Carlsen, H., Robertson, A. W., Klein, R. J., Lazo, J. K., Kumar, A., ... & Bharwani, S. 2017. Potential applications of subseasonal-to-seasonal (S2S) predictions. *Meteorological Applications*. DOI: 10.1002/met.1654 [Available here](#)
- Jones, L.**, Champalle C; Chesterman, S; Cramer, L; Todd C. 2016. Constraining and enabling factors to using long-term climate information in decision making. *Climate Policy*. 1-22. [Available here](#)
- Jones, L.**, Tanner, T. 2016. 'Subjective resilience': using perceptions to measure household resilience to climate extremes and disasters. *Regional Environmental Change*. 17: 229. doi.org/10.1007/s10113-016-0995-2. [Available here](#)
- Jones, L.**, Dougill, A., Jones, R. G., Steynor, A., Watkiss, P., Kane, C., ... & Vincent, K. 2015. Ensuring climate information guides long-term development. *Nature Climate Change*, 5(9), 812-814. [Available here](#)

- Lumbroso, D. M., Woolhouse, G., & **Jones, L.** 2015. A review of the consideration of climate change in the planning of hydropower schemes in sub-Saharan Africa. *Climatic Change*, 1-13. [Available here](#)
- Gogoi, E. Dupar, M. **Jones, L.** Martinez, C. McNamara, L. 2014. Enablers for delivering community-based adaptation at scale. *Climate and Development*. [Available here](#)
- Ludi, E. Wiggins, S. Lofthouse, J. **Jones, L.** Levine, S. 2014. Adapting development: how wider development interventions can support adaptive capacity at the community level. in: J Ayers, S Huq, H Reid and L Schipper. Scaling up community based adaptation. Routledge. [Available here](#)
- Jones, L** et al. 2013. Responding to climate variability and change: challenges for planned adaptation. In: Calow, R and Ludi, E (eds.), Achieving water security: lessons from research in the water, sanitation and hygiene sector in Ethiopia. Practical Action Publishing, Rugby. [Available here](#)
- Jones, L.** 2011. Social barriers to adaptation: exploring implications and identifying options for adaptation policy across the SADC Region. in: Masters, L., Duff, L. (ed.) Overcoming barriers to climate change adaptation: Implementation in Southern Africa. Africa Institute of South Africa, Pretoria. [Available here](#)
- Jones, L.** & Boyd, E. 2011. Exploring social barriers to adaptation to climate change: insights from the mid and far-western regions of Nepal. *Global Environmental Change*. 21:4. pp 1262-1274. [Available here](#)

REPORTS AND WORKING PAPERS

- Jones, L.**, D'Errico. 2018. Resilient, but from whose perspective? Like-for-like comparison of objective and subjective evaluations of resilience. Grantham Research Institute Working Paper series, London School of Economics and Political Science. London: UK. [Available here](#)
- Jones, L.**, Ballon, P., Engelhardt, J. 2018. How does resilience change over time? Tracking post-disaster recovery using mobile phone surveys. Overseas Development Institute. London: UK. [Available here](#)
- Jones, L.** 2017. New methods in resilience measurement: early insights from a mobile phone panel survey in Myanmar using subjective tools. Overseas Development Institute. London: UK. [Available here](#)
- van Bers C, Pahl-Wostl C, Eakin H, Ericksen P, Lenaerts L, Förch W, Korhonen-Kurki K, Methner N, **Jones L**, Vasileiou I, Eriksen S. 2016. Transformations in governance towards resilient food systems. CCAFS Working Paper no. 190. Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS). [Available here](#)
- Jones, L.**, Harvey, B., & Godfrey-Wood, R. 2016. The changing role of NGOs in supporting climate services. ODI: Building Resilience and Adaptation to Climate Extremes and Disasters (BRACED). London. UK. [Available here](#)
- Jones, L.**, Carabine, E., & Schipper, L. 2015. (Re) Conceptualising Maladaptation: Towards an Evaluative Framework. Overseas Development Institute. London: UK. [Available here](#)

- Jones, L.** & Tanner, T. 2015. Measuring 'subjective resilience': using people's perceptions to quantify household resilience. Overseas Development Institute. London: UK. [Available here](#)
- Jones, L.**, Champalle, C., Chesterman, S., Cramer, L., & Crane, T. A. 2015. Identifying constraining and enabling factors to the uptake of medium-and long-term climate information in decision making. CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS). Nairobi: Kenya. [Available here](#)
- Jones, L.**, Carabine, E., Roux, J. P., & Tanner, T. 2015. Promoting the Use of Climate Information to Achieve Long-Term Development Objectives In Sub-Saharan Africa. Climate and Development Knowledge Network (CDKN). London: UK. [Available here](#)
- Carabine, E. Lemma, A. Dupar, M. **Jones, L.** Mulugetta, Y. Ranger, N. Van Aalst, M. 2014. The IPCC's Fifth Assessment Report: What's in it for Africa? Climate and Development Knowledge Network (CDKN): London. [Available here](#)
- Jones, L.**, Roux, JP., Tanner. 2014. How is long-term climate information being factored into decision-making in Africa? Climate and Development Knowledge Network. London: UK. [Available here](#)
- Wilkinson, E. Carabine, E. Peters, K. Brickell, E. Scott, A. Allison, C. **Jones, L.** Bahadur, A. 2014 Integrating disaster risk reduction, environment and climate change into development practice: Existing knowledge. Overseas Development Institute: London. [Available here](#)
- World Bank Publications (**contributing author**). 2014. Turn Down the Heat: Confronting the New Climate Normal. World Bank Publications. Washington: USA. [Available here](#)
- Kellet, J. Mitchell, T. Bahadur, A. **Jones, L.** Kirbyshire, A. Lovell, E. Le Masson, V. Peters, K. Wilkinson, W. 2014. The future framework for disaster risk reduction: a guide for decision-makers. Overseas Development Institute: London. [Available here](#)
- Jones, L.** Carabine, E. Hickman, A. Langstan. Moosa, S. Mukanya, R. 2014. Exploring the role of climate science in supporting long-term adaptation and decision-making in sub-Saharan Africa. Climate and Development Knowledge Network (CDKN): London. [Available here](#)
- Gogoi, E. Dupar, M. **Jones, L.** Martinez, C. McNamara, L. 2014. How to scale out community based adaptation. Climate and Development Knowledge Network (CDKN) Working Paper: London. [Available here](#)
- Jones, L.** Ludi, E. Carabine, E. Grist, N. Amsalu, A. Artur, L. Bachofen, C. Beutement, P. Broenner, C. Bunce, M. Mendler de Suarez, J. Muhumuza, W. Suarez, P. Zacarias, D. 2014. Planning for an uncertain future: promoting adaptation to climate change through Flexible and Forward-looking Decision Making. Overseas Development Institute: London. [Available here](#)
- Jones, L.** Ludi, E. Carabine, E. Grist, N. Amsalu, A. Artur, L. Bachofen, C. Beutement, P. Broenner, C. Bunce, M. Mendler de Suarez, J. Muhumuza, W. Suarez, P. Zacarias, D. 2014. Planning for the future and adapting to climate change in Uganda: Lessons from ACCRA. Africa Climate Change Resilience Alliance: Kampala. [Available here](#)
- Jones, L.** Ludi, E. Carabine, E. Grist, N. Amsalu, A. Artur, L. Bachofen, C. Beutement, P. Broenner, C. Bunce, M. Mendler de Suarez, J. Muhumuza, W. Suarez, P. Zacarias, D. 2014. Planning for the future and adapting to climate change in Mozambique: Lessons from ACCRA. Africa Climate Change Resilience Alliance: Kampala. [Available here](#)

- Jones, L.** Ludi, E. Carabine, E. Grist, N. Amsalu, A. Artur, L. Bachofen, C. Beautement, P. Broenner, C. Bunce, M. Mendler de Suarez, J. Muhumuza, W. Suarez, P. Zacarias, D. 2014. Planning for the future and adapting to climate change in Ethiopia: Lessons from ACCRA. Africa Climate Change Resilience Alliance: Kampala. [Available here](#)
- Jones, L.** Bahadur, A. 2013. Options for including community resilience in the post-2015 development goals. British Red Cross and International Federation of Red Cross and Red Crescent Societies: London. [Available here](#)
- Jones, L.** Carabine, E. 2013. Exploring political and socio-economic drivers of transformational climate policy: Early insights from the design of Ethiopia's Climate Resilient Green Economy strategy. Overseas Development Institute: London. [Available here](#)
- Shepard, A. Mitchell, T. Lewis, K. Lemhardt, A. **Jones, L.** Scott, L. Muir-Wood, R. 2013. The geography of poverty in 2030. Overseas Development Institute, Met Office Hadley Centre, and Risk Management Solutions: London. [Available here](#)
- Tumushabe, G. Muhumuza, T. Natamba, E. Bird, N. Welham, B. **Jones, L.** 2013. Uganda national climate change finance analysis. Overseas Development Institute and ACODE: London. [Available here](#)
- Mitchell, T. **Jones, L.** Lovell, E. Comba, E (eds). 2013. Disaster risk management in Post-2015 development goals: potential targets and indicators. Overseas Development Institute: London. [Available here](#)
- Jones, L.** Ludi, E. Beautement, P. Broenner, C. Bachofen, C. 2013. New Approaches to promoting flexible and forward-looking decision making: insights from complexity science, climate change adaptation, and 'serious gaming'. ACCRA/ODI Research Report: London. [Available here](#)
- Jones, L.** Ludi, E. Amsalu, A. Artur, L. Bunce, M. Matheson, S. Muhumuza, W. Zacarius, D. 2013. The political economy of local adaptation planning: exploring barriers to flexible and forward-looking decision making in three districts in Ethiopia, Uganda and Mozambique. ODI Research Report: London. [Available here](#)
- Jones, L.** Mitchell, T. Silva Villaneuva. Standley, S. 2012. Coding and tracking adaptation finance: lessons and opportunities for monitoring adaptation finance across international and national scales. Overseas Development Institute: London. [Available here](#)
- Ludi, E., **Jones, L.** Levine, S. 2012. Changing focus? How to start taking adaptive capacity seriously. ODI Briefing paper. Overseas Development Institute: London. [Available here](#)
- Levine, S. Ludi, E. **Jones, L.** 2012. Rethinking support for adaptive capacity to climate change: the role of development interventions. Overseas Development Institute: London. [Available here](#)
- Jones, L.,** Martin, P., Pereznieto., Standley S. 2011. Exploring the impact of climate change on children in South Africa. United Nations Children's Fund (UNCIEF): Pretoria. [Available here](#)
- Jones, L.,** Martin, P., Pereznieto., Standley S. 2011. Exploring the impact of climate change on children in South Africa: Summary of findings. United Nations Children's Fund (UNCIEF): Pretoria. [Available here](#)

Jones, L., Ayorekeri, F., Barihaihi, M., Kagoro, A., Ruta, D. 2011. Preparing for the future in Uganda: Understanding the influence of development interventions on adaptive capacity at the local level. ODI/ACCRA Uganda synthesis report. Africa Climate Change Resilience Alliance: Kampala. [Available here](#)

Harris, D., Kooy, M., **Jones, L.** 2011. Analysing the governance and political economy of water and sanitation service delivery. Working Paper. Overseas Development Institute: London. [Available here](#)

Ludi E, Million Getnet, K Wilson, Kindie Tesfaye, Beneberu Shimelis, S Levine and **L Jones,** 2011. Preparing for the future? Understanding the influence of development interventions on adaptive capacity at local level in Ethiopia. ODI/ACCRA Ethiopia synthesis report. Africa Climate Change Resilience Alliance: Kampala. [Available here](#)

Calow, R., Bonsor, H., **Jones, L.,** O’Meally, S., MacDonald., Kaur, N. 2011. Climate Change, water resources and WASH: a scoping study. ODI Working Paper. Overseas Development Institute: London. [Available here](#)

Jones, L et al. 2010. Responding to a changing climate: exploring how disaster risk reduction, social protection, and livelihoods approaches promote features of adaptive capacity. Working Paper. Overseas Development Institute: London. [Available here](#)

Jones, L et al. 2010. Towards a characterisation of adaptive capacity: a framework to assess the influence of wider development interventions for adaptive capacity. Background Note. Overseas Development Institute: London. [Available here](#)

Jones, L. 2010. Overcoming social barriers to adaptation. Background Note. Overseas Development Institute: London. [Available here](#)

BLOGS AND NEWS ARTICLES

Jones, L. 2018. Can new technologies help track resilience? Thomson Reuters. [Available here](#)

Jones, L. 2018. How can we measure resilience? Mobile phones – and the right questions – can help. Thomson Reuters. [Available here](#)

Jones, L. 2015. What’s the best way to measure a household’s resilience? Ask those who live there. The Guardian. [Available here](#)

Jones, L. 2015. Sub-saharan countries are failing to plan for climate change. The Guardian. [Available here](#)

Jones, L. 2015. Why we need to rethink ‘maladaptation’. DEVEX. [Available here](#)

Jones, L. 2014. How do you prepare for an uncertain future? Thomson Reuters Alertnet. [Available here](#)

Jones, L. 2013. Transformational change in climate policy: triumph or tragedy? Overseas Development Institute. [Available here](#)

Jones, L. 2012. Why is ‘development’ struggling to embrace uncertainty? Thomson Reuters Alertnet. [Available here](#)

Jones, L. 2012. The (not so) easy task of translating research into policy and practice. Research to Action. [Available here](#)

Jones, L. 2011. Children's vulnerability and the impacts of climate change – policy-makers must pay greater attention. Overseas Development Institute: Blog series. [Available here](#)

Perezniето, P & **Jones, L.** 2011. Young people must act on climate change. UNICEF Climate Kid Series. UNICEF: London. [Available here](#)

Jones, L. 2011. Community Based Adaptation demands to be heard. Climate and Development Knowledge Network: Blog Series. [Available here](#)

Jones, L. 2011. Are we jumping the gun in trying to measure adaptation? Overseas Development Institute: Blog Series. [Available here](#)

Jones, L. 2010. World Water Day: Skewed adaptation to climate change spells trouble for water resource management. Overseas Development Institute: Blog Series. [Available here](#)

CONFERENCE PRESENTATIONS AND INVITED LECTURES

Jones, L. 2018. *How does resilience change over time? Insights from a high-frequency mobile phone panel survey.* Resilience Measurement Evidence and Learning. New Orleans: USA.

Jones, L. 2018. *Whose voice counts? Lessons learned trialing innovations in resilience measurement.* Adaptation Futures. Cape Town: South Africa.

Jones, L. 2018. *Aligning research with practice: An agenda for the next generation of adaptation research.* Adaptation Futures. Cape Town: South Africa.

Jones, L. 2018. [Chairing session] *What do the interactions between resilience and wellbeing offer development practice?.* Adaptation Futures. Cape Town: South Africa.

Jones, L. 2016. [Co-chairing session] *Examining the suitability of 'subjective' forms of resilience measurement: insights from Tanzania.* Adaptation Futures. Rotterdam: Holland

Jones, L. 2014. *The impact of index-based insurance schemes in supporting resilience to climate extremes.* Presentation of evidence to the Royal Society's working group on 'Resilience to climate extremes'. Royal Society, London.

Jones, L. 2013. *Appreciating the political economy of transformation: Exploring the implications of socio-political factors in delivering transformational climate policy in East Africa.* Transformation in a changing climate. University of Oslo. Norway

Jones, L. 2013. *Disaster Resilience in Post-2015 Development Goals: challenges and options for targets.* Global Thematic Consultation on Disaster Risk Reduction and the Post-2015 Development Agenda. Jakarta: Indonesia. [Available here](#)

Jones L, 2012. Keynote presentation: *Rethinking support for adaptive capacity to climate change: the role of development interventions.* Cumberland Colloquium

Jones, L. 2012. *Challenges in adapting to change and uncertainty at the local level.* Research Conference: Barriers to Adaptation to Climate Change. The Chameleon Research Group, Oldenburg University

Jones, L. Grist, N. 2012. *Exploring Climate Compatible Development: concept, use, evidence.* Climate Compatible Development and experience in sub-Saharan Africa. University of Leeds. [Available here](#)

- Jones, L.** 2012. *Reflection on experiences from the Africa Climate Change Resilience Alliance*. Conflict and Cooperation in the Management on Climate Change. Nairobi: Kenya.
- Jones, L.** 2011. *Rethinking vulnerability and capacity assessment*. Presented at Development and Climate days. December 2011. United Nations Framework Convention on Climate Change COP-17. Durban, South Africa. [Available here](#)
- Jones, L.** 2011. *Preparing for the future: Understanding the influence of development interventions on adaptive capacity at the local level*. Presented at the Development Studies Association Annual Conference. September 2011. University of York: UK
- Jones, L.** 2011. *A Framework for assessing adaptive capacity at the local level: insights from the Local Adaptive Capacity Framework*. Presented at the 'Fifth Community Based Adaptation' Conference hosted by the International Institute for Environment and Development. March 2011: Dhaka, Bangladesh
- Jones, L.** 2011. *Towards a holistic conceptualisation of adaptation at the local level*. Presented at the 'Building Resilience in a Changing Climate' Conference hosted by Wetlands International. March 2011: Kuala Lumpur Malaysia.
- Jones, L.** 2010. *Exploring social barriers to community-level adaptation*. Presented at the 'Workshop for Community Based Adaptation' hosted by the Global Initiative for Community Based Adaptation, July 2010: London, UK. [Available here](#)

PEER REVIEW ROLES

Expert Reviewer for Intergovernmental Panel on Climate Change, Fifth Assessment Report (AR5) Working Group II and Special Report on 1.5 Degrees.

Academic Journals: Nature Climate Change; Environmental Research Letters; Global Environmental Change; Climate and Development; Environmental Development; Weather, Climate and Society; Regional Environmental Change; Disaster Prevention and Management; Environment, Development and Sustainability; Mitigation and Adaptation Strategies for Global Change; Ecology and Society.

Research Calls and Panel reviews: Economic and Social Research Council (ESRC); Climate and Development Knowledge Network, Global Research Call; Climate and Development Knowledge Network, Innovation Fund; Natural Environment Research Council (NERC); Future Climate For Africa programme (FCFA/DFID); Weather and Climate Information Services for Africa (WISER/DFID).