



# University of Reading

## ***THE Awards 2019 – Research Project of the Year: STEM***

Institution/Nominee	University of Reading
Title	Mozambique Cyclones: Emergency briefings support UK Government Aid response
Key personnel	Dr Rebecca Emerton Dr Andrea Ficchi Dr Liz Stephens Dr Nicholas Klingaman Professor Hannah Cloke OBE Dr Jeffrey Neal, University of Bristol Dr Laurence Harker, University of Bristol
URL	<a href="http://shear.org.uk/about/home.html">http://shear.org.uk/about/home.html</a>
Submission	<p>When Cyclone Idai struck central Mozambique, it claimed more than 1000 lives and left hundreds of thousands homeless. Just six weeks later Cyclone Kenneth devastated northern Mozambique, bringing dangerous winds and severe flooding to a country still reeling from Cyclone Idai.</p> <p>Through long held working partnerships with a range of agencies, Early Career Researchers Dr Emerton and Dr Ficchi provided real-time emergency flood hazard reports both to the UK's Department for International Development and to aid agencies operating in Mozambique during Cyclone Idai. These were designed to help those behind the humanitarian response to make informed decisions on high-risk areas, provide emergency shelters and move those imminently in danger.</p> <p>When Cyclone Kenneth threatened just weeks later, their strategic support was called on again to provide real-time reports, enabling the UK government and humanitarian agencies to pre-position their support and provide lifesaving food, safe water and supplies to those areas most in need.</p>