

THE AWARDS 2022

Research Project of the Year: Arts, Humanities and Social Sciences

Institution name	University of Glasgow
Submission title or project name	Waterproofing Data project
Nominee/key personnel	Professor João Porto de Albuquerque, University of Glasgow (Principal Investigator) Professor Maria Alexandra Cunha, Getulio Vargas Foundation, Brazil (Co-Investigator) Professor Alexander Zipf, Heidelberg University, Germany (Co-Investigator)
URL	https://warwick.ac.uk/fac/arts/schoolforcross-facultystudies/igsd/waterproofingdata/
Submission	<p>The Waterproofing Data project investigated how to build communities' resilience to flooding, by engaging stakeholders in the process of generating the data used to predict when floods will occur.</p> <p>It was performed by an international, transdisciplinary team of researchers and practitioners from Brazil, Germany and the UK. They developed innovative methods and co-produced a social data-driven innovation combining community data and analytics to improve the resilience of communities to flooding.</p> <p>This included a citizen-science mobile app, a model curriculum for schools, and a data analytics platform for developing early-warning models. The project addressed major adaptation and data gaps that exist around the world about the local impacts of climate hazards to vulnerable communities.</p> <p>It has been co-produced and successfully trialled with 300+ school students and civil protection agents in Brazil and will be scaled up to engage citizens from vulnerable communities in Brazil and around the globe in transformative adaptation.</p>