

# Transforming Universities for a Changing Climate: the project CLIMATE-U

Luciana Londero Brandli and Amanda Lange Salvia

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# Transforming Universities for a Changing Climate

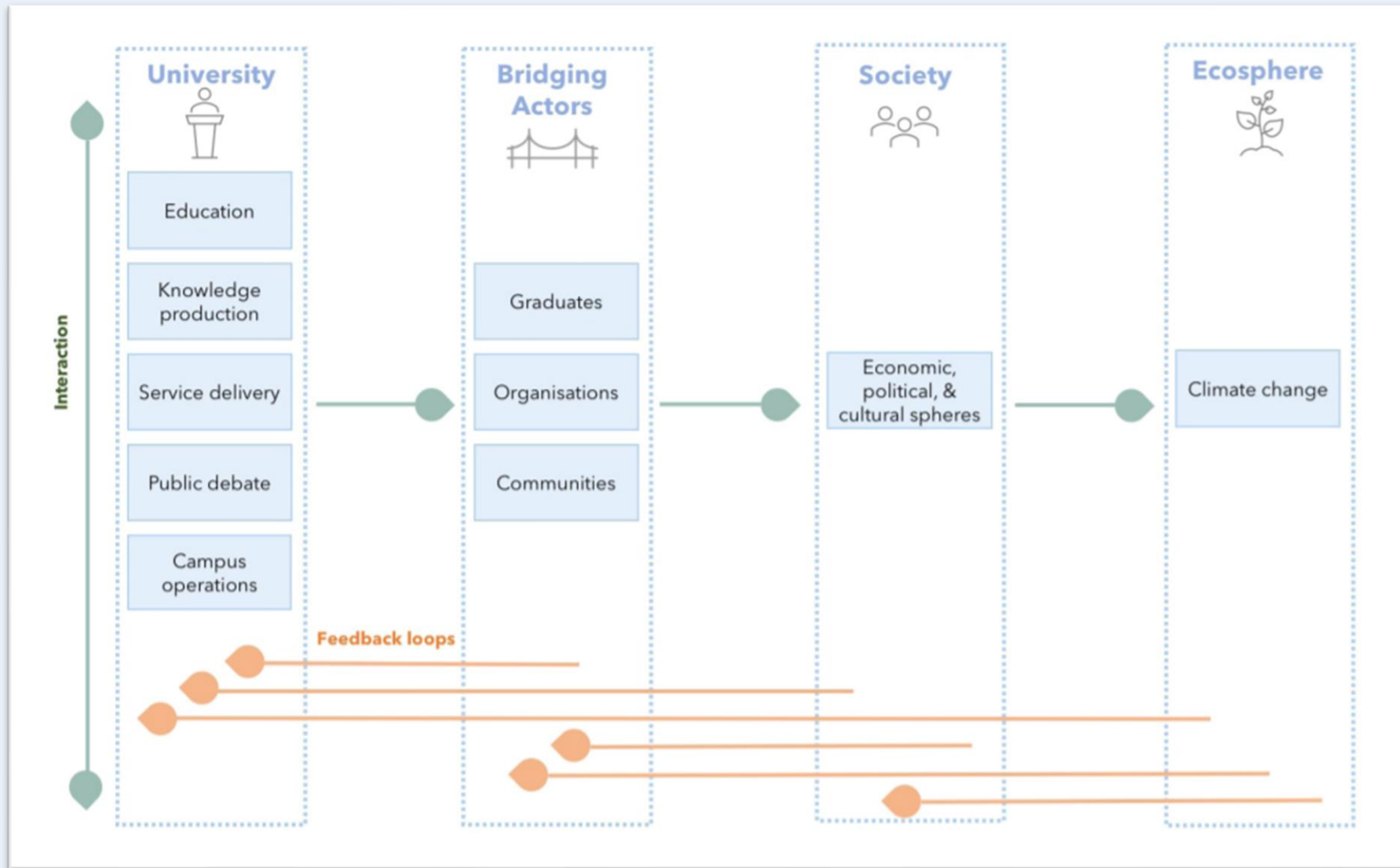
Climate-U aims to **strengthen the contribution of universities to address the challenge of climate change.**

To support local action on climate change in partner countries through the creation of **participatory action research** groups in universities

To assess existing coverage of climate change in the **curricula, research and community engagement** activities of universities in the four countries

To **contribute to theory and understanding** of the impact of higher education on climate change and sustainable development

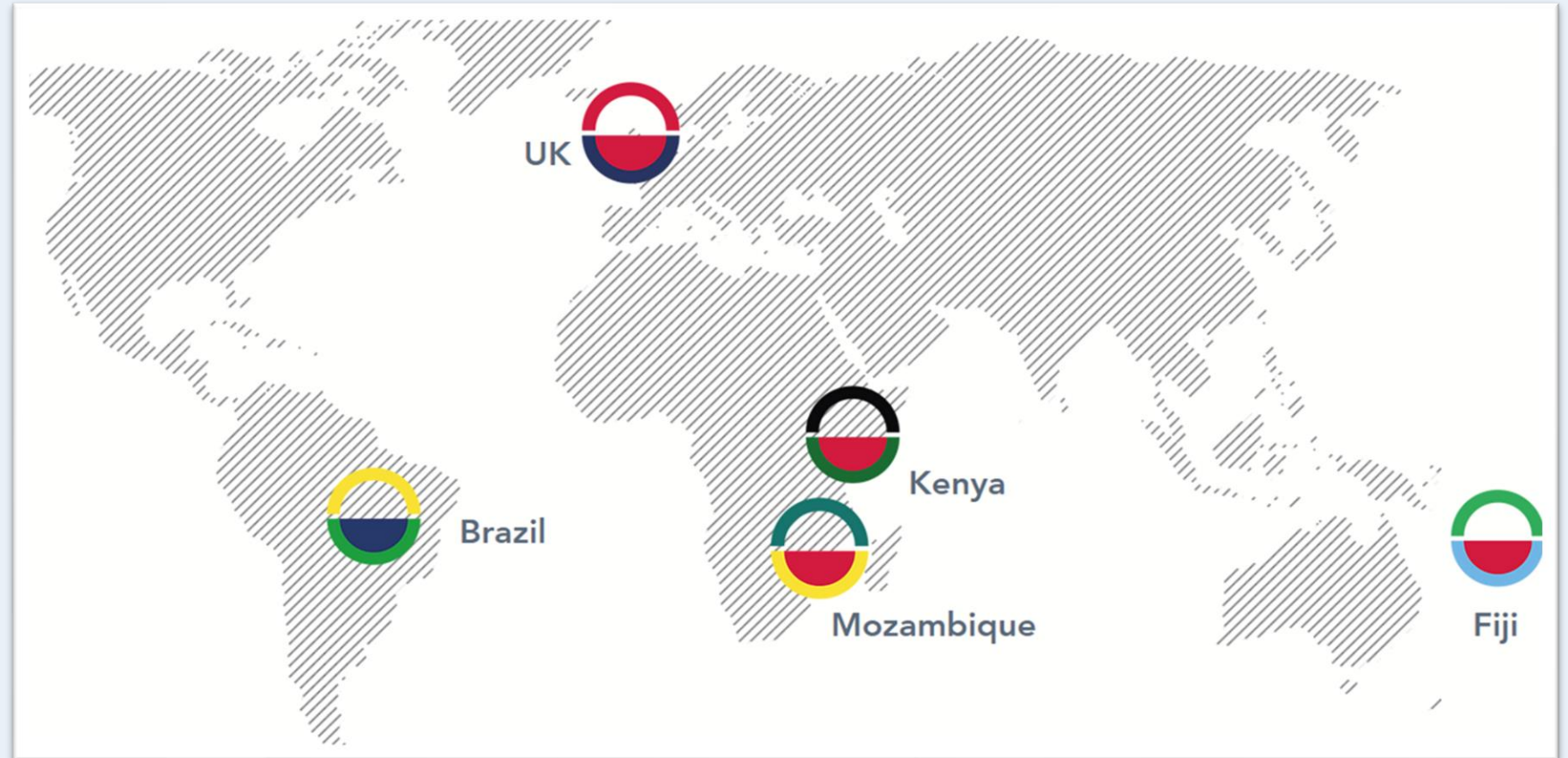
To build and strengthen **national, regional and global university networks and knowledge exchange** on climate change



Source: McCowan, Tristan (2020) The impact of universities on climate change: a theoretical framework. Transforming Universities for a Changing Climate, Working Paper Series No. 1

# Transforming Universities for a Changing Climate

What are the effects of locally-generated university initiatives on actions and ideas relating to climate change in **Brazil, Fiji, Kenya and Mozambique**, and how do they inform our understandings of the role of higher education in sustainable development?

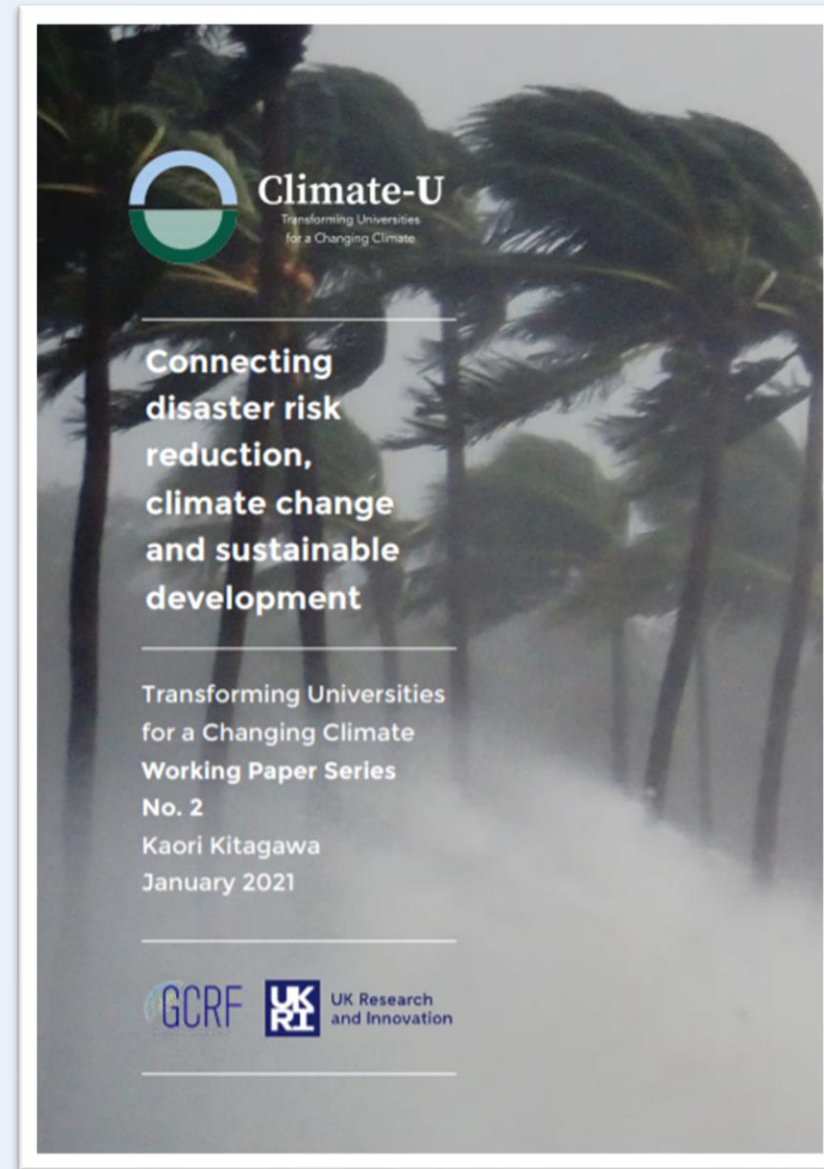
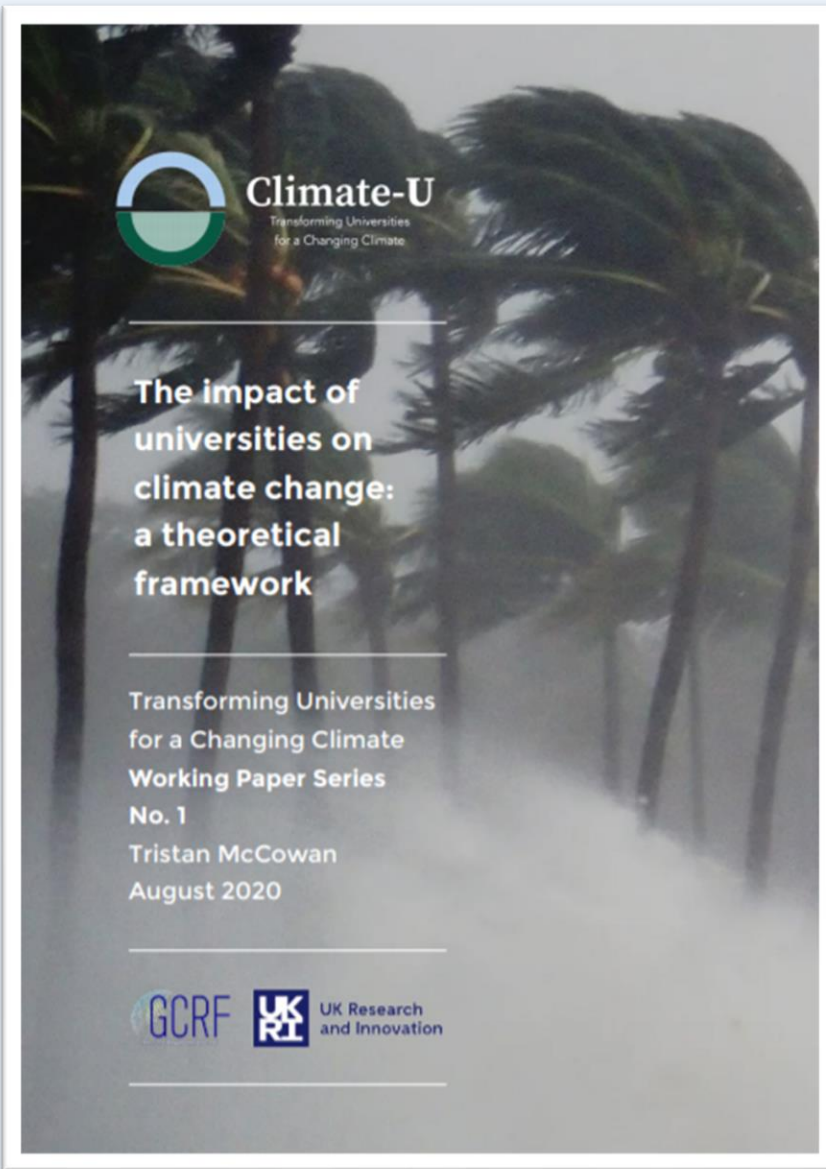


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Country	Institution	Public/private	Region
<i>Kenya</i>	Kenyatta University	Public	Capital
	Pwani University	Public	Coast
	Kenya Methodist University	Private	Central highlands
Mozambique	Eduardo Mondlane University	Public	Capital
	Catholic University of Mozambique	Private	Central
	Lúrio University	Public	North
Brazil	University of Passo Fundo	Private	South
	Federal University of Pará	Public	North (Amazon)
	University of São Paulo	Public	South-East
Fiji	University of the South Pacific	Public	Multi-national
	Fiji National University	Public	Multi-campus
	University of Fiji	Private	West

# Transforming Universities for a Changing Climate

WP1 Systems of higher education	WP2 Universities as change-makers	WP3 Building a theory of university impact	WP4 Global knowledge sharing
<ul style="list-style-type: none"><li>• National literature reviews</li><li>• Policy analysis</li><li>• Survey of higher education institutions</li><li>• <i>Coordinators: Luciana Brandli &amp; Caine Rolleston</i></li></ul>	<ul style="list-style-type: none"><li>• Constituting PAR groups</li><li>• Implementing intervention</li><li>• Evaluating intervention</li><li>• <i>Coordinators: Alex Frediani &amp; Jackline Nyerere</i></li></ul>	<ul style="list-style-type: none"><li>• Global literature review</li><li>• Theoretical mapping of pathways</li><li>• Synergies between SDGs</li><li>• <i>Coordinators: Tristan McCowan &amp; Patrício Langa</i></li></ul>	<ul style="list-style-type: none"><li>• Knowledge exchange between institutions</li><li>• Public dissemination</li><li>• Building national and global networks</li><li>• <i>Coordinators: Rosiana Lagi &amp; Brad Blitz</i></li></ul>



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# Survey: Climate Change – practices, experiences and attitudes

The purpose is to **assess practices relating to climate change in the universities**, the **experiences** of students, their **engagement** in climate change debates, campaigns and other actions, and their **attitudes** towards environmental issues.

**1,000 students** will be surveyed at each of the **12 participating** institutions, representing a large and broadly representative sample.

## 1. Background

## 2. University Experience On Climate Change

*2a: Climate Change and the University*

*2b: Students' Experience at the University*

*2c: Student's Engagement and Action on Climate Change*

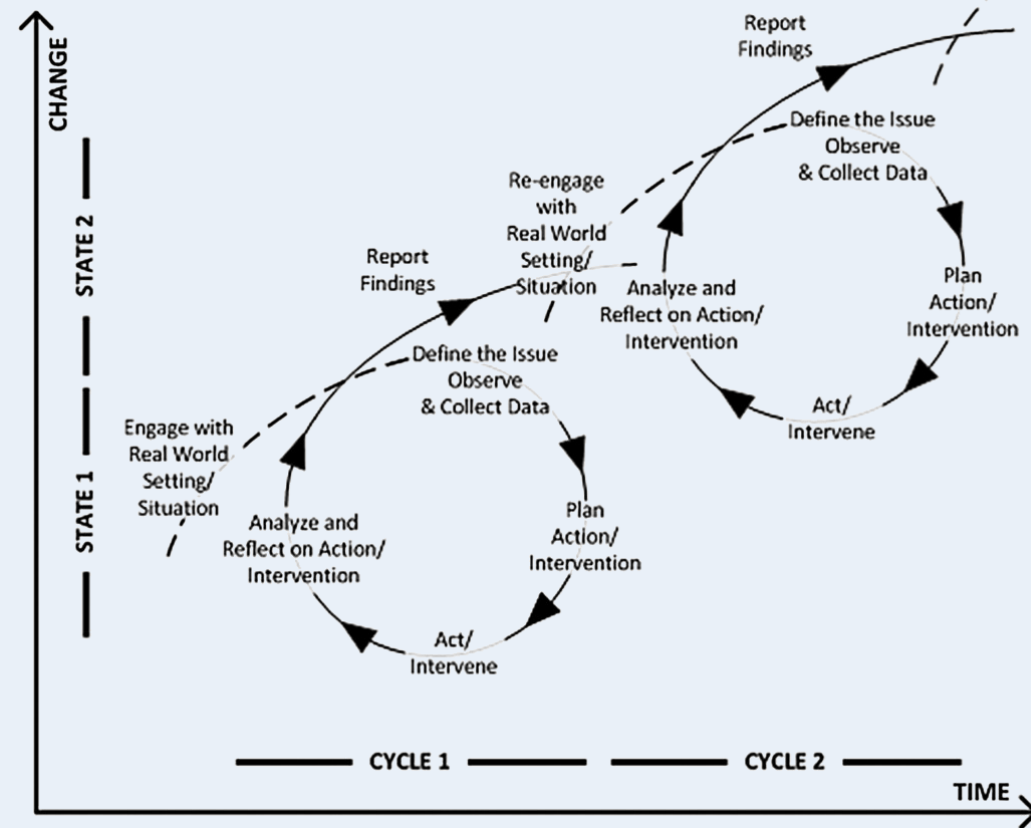
## 3. Environmental attitudes



# PAR – Participatory Action Research



Source: Boni, A., Frediani, A. A. (2020) "Expanding Capabilities through Participatory Action Research." In *The Cambridge Handbook of the Capability Approach*, edited by Enrica Chiappero Martinetti, Siddiqur Osmani and Mozaffar Qizilbash. Cambridge: Cambridge University Press.



Source: Velasco, X. C. (2019) Participatory Action Research (PAR) for Sustainable Community Development, <https://medium.com/post-growth-institute/participatory-action-research-par-for-sustainable-community-development-25971b43b8c4>

## Find out more:



<https://www.climate-uni.com/>



[climateubr@gmail.com](mailto:climateubr@gmail.com)



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**Climate-U**

Transforming Universities  
for a Changing Climate

# Transforming Universities for a Changing Climate

Climate change is the most significant global challenge of our time, and many of its effects are felt most strongly in the poorest communities of the world. Higher education has a crucial role to play in responding to the climate crisis, not only in conducting research, but also through teaching, community engagement and public awareness. This study contributes to our understanding of how universities in low and middle-income countries can enhance their capacity for responding to climate change, through a focus on the cases of Brazil, Fiji, Kenya and Mozambique. In doing so, it contributes to the broader task of understanding the role of education in achieving the full set of Sustainable Development Goals.

## Our Partners



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