


The People's Catchment

A Community Flood Intelligence Network in the NSW Northern Rivers

ANU Institute for Climate, Energy, and Disaster Solutions
College of Arts and Social Sciences
College of Engineering, Computing and Cybernetics
College of Science



Australian
National
University

A photograph of a woman in a hat and patterned jacket talking to a man in a dark t-shirt in an outdoor setting. The woman is on the left, wearing a wide-brimmed hat and a patterned jacket. The man is on the right, wearing a dark t-shirt and dark pants. They are standing on a paved area with trees and buildings in the background.

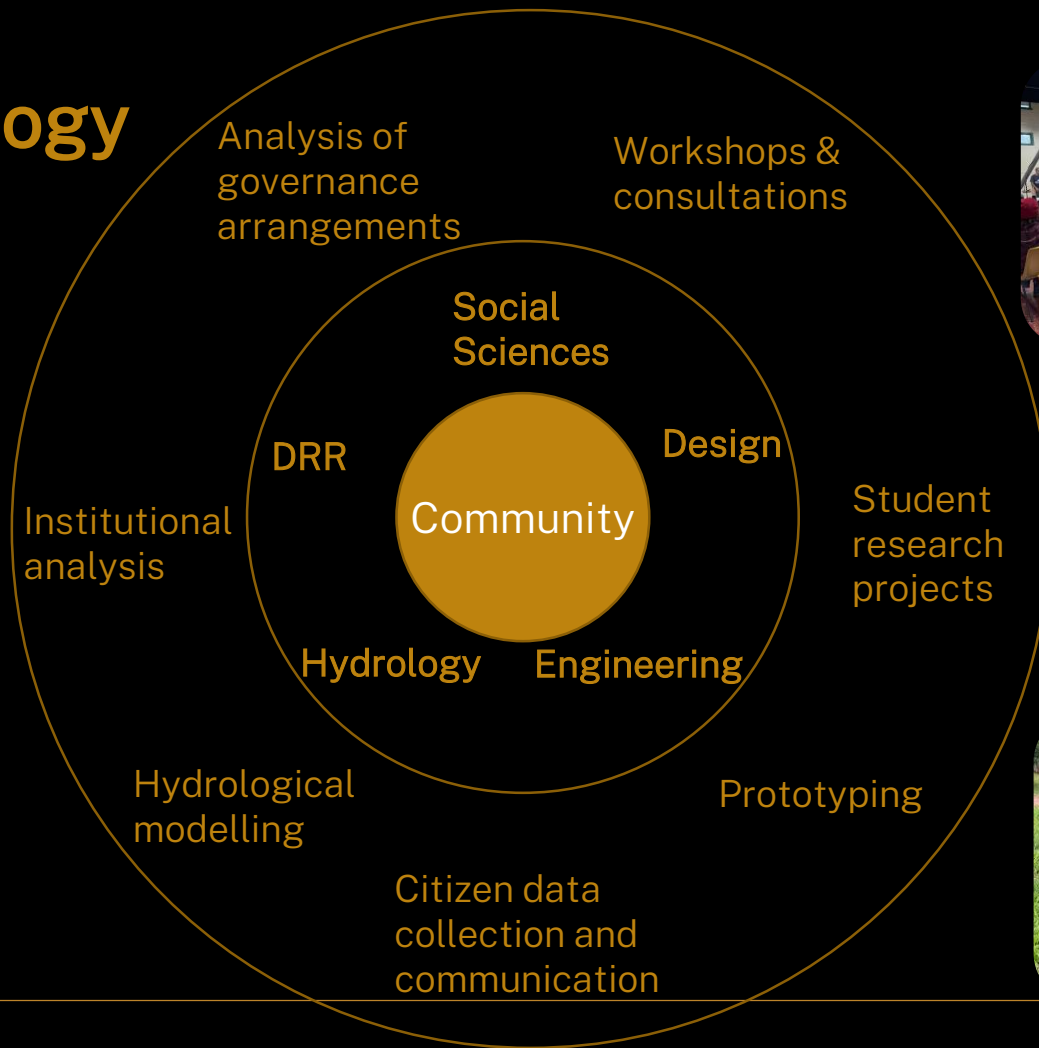
“I find myself in the midst of a disaster zone with people who are now broken by the disaster of the disaster response.

My community of The Channon, and the town of Lismore has a fantastic history of self-organised disaster response... if you are looking for a community dealing with the good, the bad and the ugly of climate denial and failure to manage climate adaption it is all laid out here.”

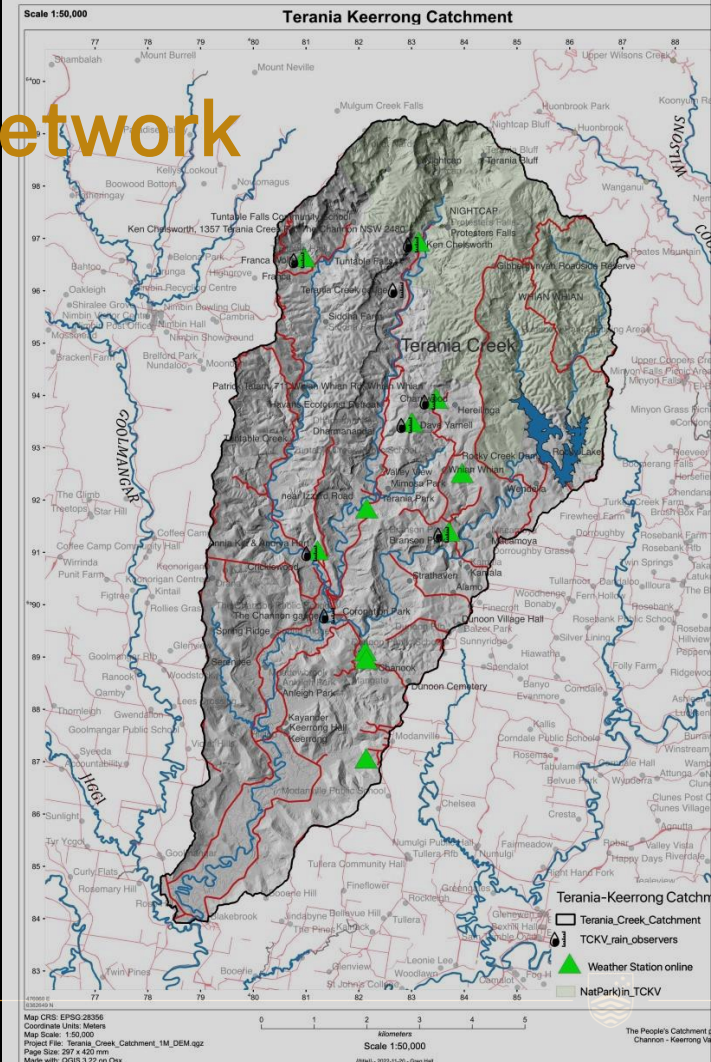
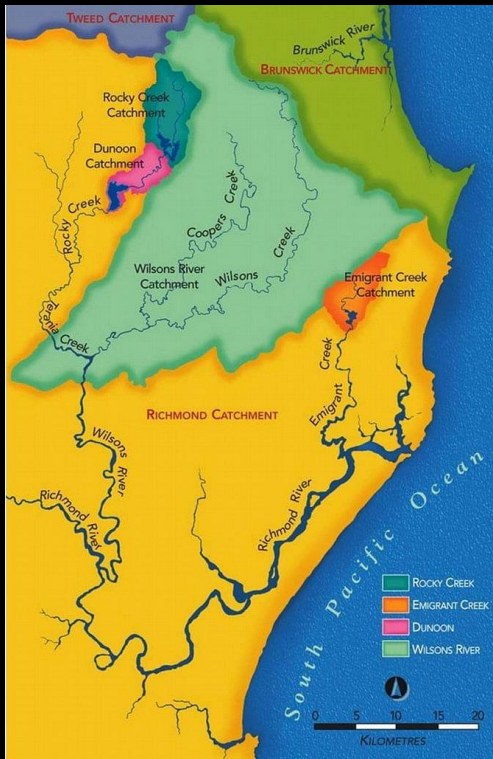
Annie Kia, 21st March, 2022.



Methodology



Community Flood Intelligence Network

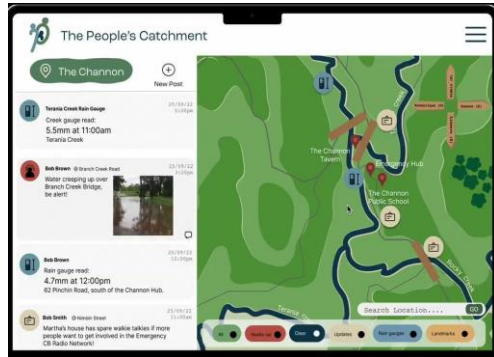


Research Progress

- Participants expressed support for community-led solutions to alleviate the impacts of broader system failings.
- TPC is operating consistently with Community Governance Models - combining coproduction with citizen-science, community-led, collaborative, and adaptive approaches.
- Technical requirements for flood monitoring and communication are evolving with collaborative approaches and protocols underway.
- Ongoing collaboration with the SES to identify systems for integrating community data with official warning systems.
- There is a need for effective governance arrangements and leadership in community-led initiatives backed up by external funding support.



Next Steps



Web - know your catchment



Flood preparation

- BEFORE**
- Check all electrical appliances about ground level in case of fast flooding.
 - Make sure you have a plan and need to take in any of flooding threats and have gas, batteries and refrigerators, other electrical appliances.
 - Consider the following:
 - Elevations to certain floor level.
 - Relocating your electrical sockets and ground outlets and above floor level.
 - Make sure the stairs going the opposite way to the door and up or we have your car dismounting above the street to safety.
- DURING AN EVACUATION**
- Plan your evacuation route and have a map of the area.
 - Make sure you have a plan and need to take in any of flooding threats and have gas, batteries and refrigerators, other electrical appliances.
 - Check the weather and any other information that may be available.
 - Check the weather and any other information that may be available.
 - Check the weather and any other information that may be available.



Thank You

ANU Research Team

Roslyn Prinsley
Naomi Hay
Susan Hunt
Jeremy Smith
Barry Croke
John Handmer
Carla Alzamora
Michael Taylor

Student Researchers

Padmapriya Muralidharan
William Holmes a Court
Jacob Meacham
Bella Wright
Chloe Maguire
Kylie Kiu
Sarah Peterswald
Yasmin Roussidis
Yatindra Tripathi
Sophie Andrews

Community

Annie Kia
Greg Hunt
John Miller
Martha Beasley



Australian
National
University