



Climate Change



The Climate Change Program progresses the science and practice of how to transform food systems and livelihoods that are under the most pressure to adapt or, where there are the greatest opportunities, to achieve both adaptation and mitigation benefits.

Systems transformation requires a strong focus on social and institutional change, supported by technical analyses, to create fundamentally new ways in which livelihoods are sustained and food is produced.

The research strategy aims to progress the science and practice of 3 pillars that support transformation:

- » **co-governance of adaptation pathways** – formal and informal ways to align and sequence the actions of governments, businesses and communities to collectively shift food and livelihood systems
- » **adaptive learning** – equipping governments, businesses and communities with the tools and skills to rapidly adjust plans and actions in response to shifting baseline conditions
- » **institutional mechanisms** – development and use of global and national market mechanisms to provide key levers for systems change, ensuring they also benefit small-scale producers.

QUICK FACTS



7 projects

across South and South-East Asia, and Pacific regions



A\$1 million

invested in Climate Change research (FY 2021–22)

Across the program there is an emphasis on locally led approaches, interdisciplinary research, gender and social equity, and building the capacity of Australian and partner country researchers and stakeholders to engage in systems thinking.

The program aims to translate sciences that often seem conceptual into tangible projects and pathways for change.

The program also contributes to global collaborations and dialogues on climate change—emphasising knowledge sharing to accelerate climate response.

Active projects

Project title	Project code	Project leader
Pacific coastal food systems	FIS/2020/108	James Butler
Transformation pathways for Pacific coastal food systems	CLIM/2020/178	James Butler
Conservation agriculture in the Pacific—proof of concept	CROP/2020/185	Tim Reeves & Dorin Gupta
Conservation agriculture for transformation in the Pacific	CLIM/2020/186	Tim Reeves & Dorin Gupta
Mitigation adaptation co-benefits modelling trial - Bangladesh	CLIM/2021/109	Jonas Jaegermeyr & Erik Mencos Contreras
Greenhouse gas inventory system priorities in Fiji and Vietnam	CLIM/2020/211	Peter Grace
Greenhouse gas inventories and targeted mitigation in Vietnam	CLIM/2019/150	Peter Grace



Contact

Dr. Veronica Doerr
Research Program Manager, Climate Change
veronica.doerr@aciar.gov.au

