

Knowledge to Action: co-design of climate adaptation strategies

WHY IS THIS IMPORTANT?

Climate change is already affecting New South Wales climate averages and weather extremes.

Future projections show that more change is likely, meaning that NSW agriculture will be affected.

As we see these changes increase into the future, adapting to them will become ever more important.

There are difficulties with adaptation to climate change because of problems with the relevance, complexity, and timeliness of information about climate change impacts and adaptation options.

WHAT ARE WE GOING TO DO?

Through combining the expertise of agriculturalists working in NSW with researchers from the Australian National University and the University of Technology Sydney, we will develop **rules-of-thumb** which are useful and appropriate to climate change adaptation decision-making.

WHAT ARE RULES OF THUMB?

These rules-of-thumb will be based on the practicalities of on-farm decision-making and supported by scientific analysis of how well these rules-of-thumb reflect expectations of change to the climate.

Rules of thumb can exist for a range of decisions. These decisions in turn can be simple, complicated or complex.

Some examples of decisions where rules of thumb might be used include:

Type	Complexity
<ul style="list-style-type: none">Selecting an optimal time for planting	Simple decision
<ul style="list-style-type: none">Selecting the crop rotation for weed control or disease break	Complicated decision
<ul style="list-style-type: none">Selecting the balance between cropping and livestock	Complex decision

HOW CAN YOU HELP?



We would value your involvement in this project as a participating agricultural decision-maker. This would involve:

- Phone-based discussion with researchers, likely in mid-May 2018
- Participation in climate change adaptation workshop, likely around June 2018
- In-person or phone-based discussions throughout the course of the project
- Potential future workshops to be organised based on participants' and project's needs

As we wish to develop this project in partnership with agriculturalists, we would design and schedule research activities around your needs.

Please consider participating in this project with us. We would value your time and expertise, and look forward to the opportunity to work together.

WHAT IS THE BENEFIT OF PARTICIPATING?

Through participation in this research project, we expect you will gain knowledge and support for your practical skills in climate change adaptation. Our research program will involve developing approaches specific to your land, so these will be directly applicable to your climate change adaptation decision-making.

We also intend to evaluate the benefit of this way of decision-making for climate change adaptation for other agriculturalists, so we will be working on ways that your participation will benefit other agricultural decision-makers who are grappling with climate change adaptation.

HOW CAN YOU GET MORE INFORMATION?

If you would like to know more about the project, please feel welcome to contact Steven Crimp, Australian National University via 02 6125 7265 or steven.crimp@anu.edu.au

This project is supported and funded by the NSW Office of Environment and Heritage.