

# Adapting Agriculture for Climate Disruption

## A seminar and workshop to assist farmers adapt to climate change

Join Tweed Shire Council, Tweed Landcare, beef and dairy industry experts and local farmers to understand the impacts of a changing climate and the actions you can take now to adapt to the disruptions of human-induced climate change.

**When:** Thursday 18 August 2022

**Where:** Coolamon Station, 245 Palmvale Road, Palmvale – Bundjalung Country

### About this event

Living in the Northern Rivers reminds us that we live in a land of extremes, where the impacts of drought and flooding rains are felt by both our productive lands and local biodiversity. As the climate changes, it is expected that we will experience more intense rainfall and more frequent droughts.

So how can we manage our landscape to cope with variable water supply, support biodiversity and adapt our farms and communities for a resilient future?

The day comprises of a morning seminar and panel discussion with industry experts and farmers focused on the local impacts of climate change and adaptation options for the beef and dairy sectors. This will be followed by an afternoon climate adaptation planning workshop for landholders. Separate registrations are required for each session.

Register at [AdaptingAgriculture.eventbrite.com.au](https://www.eventbrite.com.au/AdaptingAgriculture)



### Morning program

#### Climate adaptation seminar for livestock producers

9 am	Prof. Brendan Mackey – The Heat is On  The latest IPCC climate science and what it means for agriculture globally, in Australia and for the Northern Rivers
9:30 am	Joe Leven – Preparing red meat for pathway to carbon neutral 2030
10 am	Dr Zita Ritchie – Dairy Businesses for Future Climates
10:30 am	Morning tea
11 am	Local farmers' perspectives
12 noon	Panel discussion

### Afternoon program

#### Climate adaptation planning workshop for all landholders

1:30 pm	Mike Gout – workshop: Putting the learnings into practice
4:30 pm	Close

For further information please contact  
the Program Leader – Sustainable Agriculture  
at Tweed Shire Council on 02 6670 2400

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## About the speakers



**Prof. Brendan Mackey** is Director of the Climate Action Beacon research programme at Griffith University, Gold Coast campus. Brendan was a Coordinating Lead Author for the *Intergovernmental Panel on Climate Change (IPCC) 6th Assessment Report*

released earlier this year. He is currently working with the National Resilient Landscape Hub on adaptation and resilience assessment and planning.



THE CASINO FOOD  
CO-OP  
SINCE 1993

**Joe Leven** is a cattle farmer from Doubtful Creek in the Northern Rivers participating in carbon farming activities. For his day job he heads up the Casino Food Co-op Member Services Division working with co-op members in regenerative farming practices supporting supply chain and global expectations in food production.



**Zita Ritchie** is a Dairy Development Officer with NSW Department of Primary Industries. Zita supports dairy industry development through climate and carbon projects, farm business management and more recently with flood and emergency recovery.



Image: Dairy Australia

This project is supported by Tweed Shire Council, through funding from the Australian Government's Future Drought Fund and by Tweed Landcare via the Rising Strong Project, with funding from the New South Wales Government through its Environmental Trust. The project is also supported by Northern Rivers Science Hub and Inspiring Australia.



**Fabian Fabbro** is a first generation egg and livestock producer from Fernvale, just south of Murwillumbah. Together with his partner Jodie Vickers they run Woodland Valley Farm, an enterprise passionate about regenerative agriculture and sustainability. They received the Tweed Shire Council's Regenerative Agriculture Sustainability Award in 2021 in recognition of their achievements.



**Rob Harnett** is a 4th generation dairy farmer from Burringbar. Together with his wife Sue and family they run Tweed Valley Whey Farmhouse Cheeses, producing milk for Norco and delicious cheeses for sale through their shopfront and café.

**Rhonda and Greg James** are cattle farmers from Cudgera Creek. Rhonda also manages a local bush regeneration business. They have successfully integrated livestock and biodiversity conservation on their property leading to a more drought resilient production system.

**Mike Gout** is an agricultural consultant with a background in pastures, livestock, economics and farm planning. He has been involved in research and extension across all Australian states and has lived in the Tweed Shire for the past 12 years.



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