

PROGRAM

Broadacre in the Burnett Beyond 2021

Kingaroy Town Hall
29 April 2021

Registration opens 8:30am

Morning tea boxes available to grab and eat during presentations

Welcome

Keynote speaker

Cam Nicholson - Nikon Rural Services

Making major change-based decisions in agribusiness

Climate Variability

Prof Mark Howden – How will climate change impact agriculture?

Dr Chelsea Jarvis – Climate based decisions

Damien O’Sullivan – ForeWarned is ForeArmed

Lunch and expo walk through

Business Variability

Paul McIntosh - Assessing new opportunities.

Prof Shahbaz Mushtaq – Insurance against climate risk.

Matthew Warnken- Carbon farming in agribusiness

Afternoon tea

Technology Variability

Roger Wiese – Moving from paper-based recording to data management systems.

Dave Stead – Utilising the world of data and internet of things to assist your management decisions.

Shakira Johnson – IMapPest Sentinel Program.

Wrap up and close by 4:30pm

SPEAKERS

Cam Nicholson | Nikon Rural Services | Victoria
cam@niconrural.com.au

People tend to see farmers as one large group of food and fibre producers. But have you ever thought about what different individuals they are? How would you encourage these independent, self-sufficient people to adopt change or innovate? Agronomist Cam Nicholson is passionate about helping farmers make good decisions to boost their profitability and productivity. He will discuss what influences farmer decisions and share a process he uses to help improve decision making.

Prof Mark Howden | Director | Institute for Climate, Energy and Disaster Solutions, ANU
mark.howden@anu.edu.au

Professor Mark Howden is Director of the Institute for Climate, Energy & Disaster Solutions at the Australian National University. He is also an Honorary Professor at Melbourne University, a Vice Chair of the Intergovernmental Panel on Climate Change (IPCC) and a member of the ACT Climate Change Council. He was on the US Federal Advisory Committee for the 3rd National Climate Assessment and contributes to several major national and international science and policy advisory bodies.

Mark has worked on climate variability, climate change, innovation and adoption issues for over 30 years in partnership with many industry, community and policy groups via both research and science-policy roles. Issues he has addressed include agriculture and food security, the natural resource base, ecosystems and biodiversity, energy, water and urban systems. Mark has over 420 publications of different types. He helped develop both the national and international greenhouse gas inventories that are a fundamental part of the Paris Agreement and has assessed sustainable ways to reduce emissions. He has been a major contributor to the IPCC since 1991, with roles in the Second, Third, Fourth, Fifth and now Sixth Assessment Reports, sharing the 2007 Nobel Peace Prize with other IPCC participants and Al Gore.

Dr Chelsea Jarvis | Extension Manager, Northern Australia Climate Program (NACP) | Toowoomba
Chelsea.Jarvis@usq.edu.au

Dr Chelsea Jarvis leads the NACP extension team. NACP communicates advancements in seasonal climate forecasting and information about weather and climate to primary producers and educates producers how to apply this information to their business. NACP is helping the agriculture sector to better manage drought and climate risks and has partnerships with the Bureau of Meteorology and the UK Met Office.



SPEAKERS

Damien O'Sullivan | Senior Extension Officer | Drought and Climate Adaptation Program | DAF
Damien.OSullivan@daf.qld.gov.au

Damien is a South Burnett farmer as well as being a leading specialist on pastures, climate, drought, grazing systems and plant identification. Damien works with the Drought and Climate Adaptation Program (DCAP) that aims to help producers better manage drought and climate impacts. DCAP hopes that the outcomes from their projects will assist growers to manage financial risks with better decision-making around droughts and climate variability through improved forecast products, tools and extension activities.

Paul McIntosh | Industry Development Agronomist | Pulse Australia | WeedSmart | AHRI
paul@pulseaus.com.au

Paul McIntosh or 'Macca' as he's better known - is one of Queensland's most respected agronomists. He has been an agronomist for the past 40 years and is currently working for WeedSmart, Pulse Australia and the Australia Herbicide Resistance Initiative. Paul is passionate about keeping the grains industry at the forefront of best management practice, improving the long-term productivity and profitability of farm businesses and ensuring the industry has the backing of the wider community.

Prof Shahbaz Mushtaq | USQ |
shahbaz.mushtaq@usq.edu.au

Professor Shahbaz Mushtaq's research responds to questions related to managing climate risks and impacts, improving the productivity and profitability of agricultural industries, maximising the resilience of production systems by developing integrated risk management and risk transfer programs, and related policy. Professor Mushtaq's current research develops strategic responses to climate risk, based on proactive risk management and risk transfer through insurance mechanisms to enhance the resilience under climate change.

Russell Mehmet | Account Director | Willis Towers Watson
russell.mehmet@willistowerswatson.com

Russell has spent over 35 years in the insurance industry. In recent years, Russell has been involved in a number of agricultural-specific research projects, including: DAF/USQ/QFF's Drought and Climate Adaption Program; NFF's On-Farm Financial Risk Management Project – Mutuals and Co-operatives and USQ's DeRisk SE Asia Program.



SPEAKERS

Dr Jarrod Kath | USQ |
jarrod.kath@usq.edu.au

Dr Jarrod Kath carries out research investigating the impacts of climate risk on agriculture (e.g. wheat, cotton, sugar cane and coffee production). He develops models for analysing climate impacts on agriculture and uses this information to help inform index insurance product design and farmer decision making.

Mathew Warnken |
matthew.warnken@agriprove.io

AgriProve is Australia's first one-stop-shop for soil carbon under the Emissions Reduction Fund. Matthew has formal training in natural resource management and gained undergraduate qualifications in Arts and Science from the Australian National University. He has a Masters of Engineering Research from the University of Sydney, and a business Masters in early stage commercialisation from the University of Adelaide. Matthew has been at the forefront of emissions trading and carbon credit origination in Australia, taking Corporate Carbon from a start up to Australia's largest multi-sector project aggregator – and the first to have soil carbon credits issued under the ERF. AgriProve is a special purpose vehicle established by Corporate Carbon to provide soil carbon participation solutions. Matthew is an approved advisor under the Queensland Carbon Farming Advice Rebate Program – Accreditation Number 15660.

Roger Wiese | CEO & Founder | FairPort Farm Software | AgCommander
admin@agcommander.com

In 1988 Roger made a career move from farming to software developer when he founded Fairport Technologies. Roger operated the company as a one-man band until 1992 when the workload overwhelmed him, and the company's growth demanded a bigger workforce. Roger stills dabbles in software development but growing the business and overseeing the direction of the software development process are his greatest passions. Roger's skills, leadership & determination have grown the company to be the supplier of the most popular agricultural software in Australia and a highly respected software development consultancy.



Queensland
Government

SPEAKERS

Dave Stead | Head Agriculturalist | Agri Technovation | WA
dave.stead@agritechnovation.com

David has been a key asset to Australian farming since arriving from Zimbabwe 16 years ago. With a background in ecology, David was involved in early conceptual agronomy in Zimbabwe, largely with cotton, tobacco and maize. He also has experience in intensive agriculture, including growing flowers for the Dutch export market. Since coming to Australia, David gained experience in Landmark and Farmanco before branching into his own business, Anasazi Agronomy Pty Ltd. David is currently focussed on assessing the best way to care for soil to safeguard sustainability, and utilise this as the backbone for providing digital insights into the most profitable farming systems for the growers primary asset.

Shakira Johnson | Extension, iMapPESTS | AUSVEG | Victoria
shakira.johnson@ausveg.com.au

Shakira is responsible for coordinating the engagement and communications for rural R&D program, iMapPESTS. Shakira is working across all seven plant industries, federal and state government and researchers to enhance awareness and uptake of accurate and reliable information for improved on-farm decisions. Shakira is also currently finalising a Ph.D. thesis in molecular plant pathology.



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