




UNLOCK YOUR PASTORAL POTENTIAL

A Workshop to build resilience in your pastoral business

Session begins at 8:55 and concludes at 5:00pm

Dinner and Drinks from 5:30pm

Welcome and introductions	Merri Tohill	8.55 am
Landscape Literacy What is it and how it contributes to a sustainable pastoral business	Hugh Pringle	9:00 am
Pastoral Profits – Financial and Business Literacy What drives pastoral profitability? An introduction to potential workshop series that covers: business analysis, matching production seasons, animal nutrition and food on offer.	Anne Collins / Rosemary Bartle	10:00 am
 Pastoral Profit <small>A joint initiative of</small>  		11:00 am (30 mins)
NRM Spatial Hub – Property management, including remote sensing tools Demonstration of how it works and the links between the program and unlocking your pastoral potential	Phil Delany	11:30 am
Benefits of Participation What have attendees heard about so far that they believe would offer benefits to them individually or the pastoral industry as a whole	Merri Tohill	12:30 pm
Lunch		1:00 pm (60 mins)
Livestock Biosecurity Network Looking at diseases that affect productivity, how to manage those diseases, what type of conditions may be a contributing factor to disease outbreaks.	Emma Rooke	2:00 pm
Future climate forecasting for the Rangelands from the Bureau of Meteorology	Darren Ray	3:00 pm

<p>Climate Farming and participation in Emissions Reduction How does the climate space fit within optimising your pastoral production and profit</p>	Peter Newman	3:30 pm
<p>You Decide 30 mins dedicated to attendees to tell us what they want more of from what they've heard today – plus any new ideas.</p>		4:00 pm
<p>Presenter Q&A</p>	Merri Tohill / Lisa Stevens	4:30 pm
<p>Feedback Report back to the group on feedback gathered in the 'You Decide' section</p>	Merri Tohill	5:00 pm
<p>Thanks and Close</p>		
Dinner and Drinks		5:30 pm



Natural Resources
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GUEST SPEAKERS BIO'S & PRESENTATION INFOMARTION

Landscape Literacy – Hugh Pringle

Seeing and managing rangelands as systems: this session will focus on the drainage ecosystem concept and how this contributes to the wider holistic system, including an introduction to supply chain systems and how ecosystem management must be a part of that management, including how the incorporation of all the tools available contribute to sustainable management of the landscape and industry.

Pastoral Profit – Financial Business and Literacy – Rosemary Bartle

This presentation will give you a broad over-view of how this can be achieved through matching production cycles to seasonal patterns, and a method for determining how to best to manage your stocking rates to ensure both country and livestock productivity are well managed.

What drives pastoral profitability? An introduction to a potential workshop series that covers; business analysis, matching production to seasons, animal nutrition & food on offer. Learn the process of analysing the performance of your business and determine which parts of your management have the biggest impact on the bottom line.

Analysis of business performance across the Australian pastoral industry show that the largest gains in profitability are made by concentrating your efforts on things that you have control over, rather than by expending time and energy on factors outside of your immediate control. In commodity based markets, your business will be best rewarded by turning off more product per animal at a lower cost. In a pastoral business, maximising production and reducing costs is best achieved by matching the natural cycles of both the animal and the seasons.

Rosemary Bartle of Rural Business Solutions has spent the last 25 years working with pastoral managers across Australia to help them design businesses which achieve personal fulfilment, profitability, optimum livestock productivity, and grazing systems which look after the country as well as livestock, people and the bottom line.

This presentation will be followed by a short (5 mins) introduction to the Pastoral Profit Program and what it can offer.

THE NRM Spatial Hub: A new tool for property planning, drought proofing and monitoring land condition - Phil Delany

The online property planning and information system (OPPIS) provides access to high resolution imagery to map your property infrastructure and produce an up to date asset register. Simple tools allow users to analyse grazing circles and calculate the potential grazing area of each paddock based on current and proposed infrastructure.

There are also tools to help plan where to put waters and to estimate safe carrying capacity. The tools give users the ability to analyse 30yrs of time-series satellite imagery to help assess land condition, ground cover and pasture variability in a matter of minutes. The Hub will be a game changer for the grazing industry leading to a more sustainable and profitable industry.

Phil Delaney- Phil is the Hub's Project Manager, and part of a small team developing and delivering the new capabilities across the Rangelands. Phil is also a Program Manager with the Cooperative Research Centre for Spatial Information.

Livestock Biosecurity Network – Emma Rooke

In her presentation Emma will be looking at diseases that affect livestock productivity, how to manage those diseases, what type of conditions may be a contributing factor to disease outbreaks.

"Emergency animal disease outbreaks, like foot and mouth disease (NB not currently in Australia and lots of effort to make sure it doesn't get here!), are devastating to rural communities and would shut down Australia's live animal and red meat export markets overnight.

Good biosecurity practices and early detection and reporting are the foundations of protecting Australia from these high consequence exotic diseases. But the same practices can protect producers from unwanted and costly endemic diseases, pests and weeds.

Livestock Biosecurity Network works with producers and others in the supply chain to reduce the impact of endemic diseases on their businesses and, at the same time, increase industry preparedness for an emergency exotic animal disease incursion, such as FMD."

Emma has a broad-based experience in animal health from working as a private veterinary practitioner in Australia and England to developing national biosecurity policy and working in emergency animal disease response.

"I've been part of three significant emergency animal disease responses – foot and mouth disease (FMD) in UK in 2001, equine influenza in Australia in 2007 and bovine babesiosis in New Caledonia in 2008 and I've seen how devastating these are to communities".

Emma graduated as a veterinarian from Murdoch University in 1997 and pursued her interest in biosecurity and epidemiology by studying a Masters in Veterinary Public Health Management at Sydney University (2012) and attaining Membership of the Australian and New Zealand College of Veterinary Scientists in epidemiology (2009).

Carbon Farming and participation in Emissions Reduction – Peter Newman

As a result of government and industry responses to climate change, opportunities are emerging for farmers and pastoralists. What are these potential opportunities and how is the Australian "Carbon Market" shaping up? This session will help you to identify the key factors to consider if you are interested in undertaking a carbon farming project in the SA rangelands.

The Latest Information

The *Emissions Reduction Fund* and the process for earning Australian Carbon Credit Units
How landholders can get economic and environmental co-benefits through participation in carbon farming
New emissions abatement methods relevant to the rangelands
Ways of getting involved and key players such as aggregators
Potential future markets

What is on offer to landholders right now?

14 properties across SAAL have the chance to have a property emissions profile completed, as part of the process of determining their cost of production.

How can landholders participate?

Sequester, abate or go carbon neutral? What is right for you and your property? Find out by participating in an in-depth case study, which also includes property emissions profiling and cost of production calculation.

Peter Newman is the SA Arid Lands Sustainable Industries officer who monitors carbon farming developments, liaises with the Commonwealth Government, landholders and industry and examines the opportunities for carbon farming in our region

Future Climate forecasting for the Rangelands – Darren Ray

*Awaiting on information.