

# Australian Rangeland Society Conference 2026



7 – 11 September 2026

Darwin, Australia

Managing country for  
**CATTLE**  
**CULTURE**  
**CONSERVATION**  
**CARBON**



## PROGRAM

### Monday September 7, 2026

|                 |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| 5:30pm – 7:30pm | <p>Welcome Reception<br/> <i>Flick's, Darwin City</i><br/>                     Address: 74 Mitchell St, Darwin City NT 0800</p> |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|

### Tuesday September 8, 2026

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 8:00am – 8:50am   | <p><b>Conference Welcome (opening Session and Keynotes)</b></p> <p>08.00am – 08.15am Welcome to Country – Mary Williams</p> <p>08.15am – 08.25am Australian Rangeland Society Conference Welcome - Pieter Conradie, Robyn Cowley</p> <p>08.25am – 08.40am Minister Address (Welcome to Northern Territory, Conference Open) - The Honourable Joshua Burgoyne Minister for Lands, Planning and Environment</p> <p>Chair: Pieter Conradie</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ballroom       |
| 8:50am – 9:30am   | <p>Plenary Presentation – Traditional Ecological Knowledge, Investment and Markets: Looking to the future, <b>Barry Hunter, CEO NAILSMA</b></p> <p>Presentation 08.50am – 09.20am<br/>                     Plenary Q&amp;A 09.20am – 09.30am</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ballroom       |
| 9:30am – 10:10am  | <p>Plenary Presentation – Managing Land for Biodiversity: 25 Years of Australian Wildlife Conservancy in the Rangelands, <b>Rebecca Diete, AWC</b></p> <p>Presentation 09:30 – 10:00am<br/>                     Plenary Q&amp;A 10:00am – 10:10am</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ballroom       |
| 10:10am – 10:40am | Morning Tea, Networking and Trade Exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ballroom Foyer |
| 10:40am – 12:30pm | <p><b>Oral Session 1</b><br/>                     Managing for Biodiversity: Culture, Country and Critters<br/>                     Chair: Dr Adam Liedloff</p> <p><b>Oral Presentations (10-minutes each)</b></p> <p><b>148.</b> Brief history of the Kruger National Park &amp; the evolution of Scientific Services, Cathy Greaver, South Africa National Parks</p> <p><b>56.</b> "Caring for Country together in the Dry Tropics", Karen Vidler, NQ Dry Tropics</p> <p><b>151.</b> Protecting the cultural and biodiversity values of the West MacDonnell Ranges via a landscape-scale feral herbivore management program, Mike Welch, NT Department of Lands, Planning &amp; Environment</p> <p><b>28.</b> Big country, practical data: Biodiversity monitoring and management across Australia's working rangelands, Angela Hammond, Landcare Australia</p> <p><b>136.</b> Synthesising expert knowledge of ecosystem states and transitions to support nature repair: a Cape York savanna case study, Anna Richards, CSIRO Environment</p> <p><b>114.</b> Rethinking grazing impacts: a threatened ground-nesting bird responds positively to cattle grazing intensity, Gary Young, University of Southern Queensland</p> | Ballroom       |

*The conference program is subject to change at the discretion of the Organising Committee*

|                  |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                  | <b>79.</b> Updating Plants of Western New South Wales and the emerging role of citizen science for documenting rangeland biodiversity, Thomas Mesaglio, University of New South Wales, Sydney<br><br>Introducing the Range Management Newsletter Explorer, John Brisbane, Australian Rangeland Society |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |
| 12:30pm – 1:30pm | Lunch, Networking and Trade Exhibition                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ballroom Foyer |
| 1:30pm – 3.05pm  | Breakout Sessions                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |
|                  | <i>Ballroom</i>                                                                                                                                                                                                                                                                                        | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |
|                  | <b>Panel Session 1</b><br>Celebrating pastoralists and their stewardship of Australia's rangelands                                                                                                                                                                                                     | <b>Concurrent Oral Session 1</b><br>State of the Range: Monitoring condition and trends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |
|                  | Chair: Andrea Tschirner                                                                                                                                                                                                                                                                                | Chair: Dr Anna Richards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |
|                  | Panel with pastoralists followed by Q&A<br><br>Alan Andrews, formerly Auvergne Station, NT<br>Paul Smith, Tieyon Station, NT<br>Renee Spencer, Mayfield Station, Qld<br>Cath Walsh, Lyndon Station, WA                                                                                                 | <b>Oral Presentations (10-minutes each)</b><br><b>109.</b> Improving land condition in northern Australia: Perspectives from producers, extensionists and researchers, Beth Penrose, Charles Darwin University<br><br><b>145.</b> Fracking in the Beetaloo sub-basin of the NT: long-term environmental monitoring, Alan Andersen, Charles Darwin University<br><br><b>141.</b> TERN Ecosystem Surveillance: Integrating samples, data and drones for long-term rangeland monitoring, Donna Lewis, Terrestrial Ecosystem Research Network (TERN)<br><br><b>137.</b> Late dry-season fire determines vegetation structure in a pindan habitat, Richard Crabbe, Charles Darwin University<br><br><b>Lightning Oral Presentations (3-minutes each)</b><br><b>83.</b> Long-term impacts of on-farm research and extension on land condition and productivity in Western Queensland, Dana Walkington, Queensland Department of Primary Industries<br><br><b>106.</b> Producer priorities for research and development to improve range condition in the southern rangelands of Western Australia, Christophe d'Abbadie, WA Department of Primary Industries and Regional Development<br><br><b>97.</b> Comparison of approaches to assess grazing management impacts on ground cover, Sarah McDonald, NSW Department of Primary Industries & Regional Development<br><br><b>51.</b> Long-term pasture composition responses to grazing management in North Queensland, Justin Macor, NQ Dry Tropics<br><br><b>75.</b> Photopoint history and usage in South Australia, Erin Cantor, SA Dept of Environment and Water<br><br><b>34.</b> Reduced landscape leakiness documents recovery of formerly degraded rangeland in the Victoria River District, Northern Territory, Gary Bastin<br><br><b>Oral Presentation (10-minutes)</b><br><b>110.</b> A holistic mapping approach - the key to managing the Northern Territory's rangelands, Jason Hill, NT Department of Lands Planning & Environment |                |
| 3.05pm – 3.35pm  | Afternoon Tea, Networking and Trade Exhibition                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ballroom Foyer |
| 3.35pm – 4.45pm  | Breakout Sessions                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |
|                  | <i>Ballroom</i>                                                                                                                                                                                                                                                                                        | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |
|                  | <b>Concurrent Oral Session 2</b><br>Driving Adoption Through Co-Design and Collaboration                                                                                                                                                                                                               | <b>Concurrent Oral Session 3 and Panel Discussion</b><br><b>Vast &amp; Virtual: The future of fencing in the rangelands</b><br>Speakers and Panel Discussion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |
|                  | Chair: Dr Gerry Roberts                                                                                                                                                                                                                                                                                | Chair: Dr Christie Pearson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |
|                  | <b>Oral Presentations (10-minutes each)</b><br><b>12.</b> More than moving dirt: negotiating cattle, culture and conservation at the paddock edge, Angus Hogg, Nq Dry Tropics<br><br><b>91.</b> Campfire Chat and Learning on Country: The use of VR and AI technology by Indigenous land managers to  | <b>32.</b> Virtual fencing as a tool for adaptive grazing management in South Australia, Bianca Agenbag, South Australian Research and Development Institute. <b>Lightning Oral Presentation (3-minutes)</b><br><br><b>80.</b> Using virtual fencing to manage cattle grazing selection of topography types in a north Australian rangeland, Jarud Muller, Qld Department of Primary Industries. <b>Oral Presentation (10-minutes)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | <p>improve environmental, cultural and business outcomes, Ian Perkins, LPM Qld Pty Ltd</p> <p><b>128.</b> Spatial rainfall-pasture growth dynamics across Northern Australia for sustainable grazing insurance Design, Hieu Ly, James Cook University</p> <p>158. From Kathmandu to Darwin: Empowering pastoralist women across the world's rangelands, Robyn Adams, Producer Desert Uplands</p> <p><b>Lightning Oral Presentations (3-minutes each)</b></p> <p><b>69.</b> Producers at the Centre: Extension for adoption in Central Australia, Caleb Schwartz, NT Department of Agriculture and Fisheries</p> <p><b>113.</b> Insights on the use of the decision-support framework (RAPTA) to guide resilience planning for cattle and sheep stations in the Southern Rangelands of Western Australia, Fiona Brayshaw, Department of Primary Industries and Regional Development</p> | <p><b>142.</b> Potential uses of virtual fencing in the northern Australian rangelands, Beth Penrose, Charles Darwin University. <b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>48.</b> Interrogating grazing impacts at scale for rangelands managed using virtual fencing or rotational grazing, Nichola Knox, Downforce Technologies. <b>Oral Presentation (10-minutes)</b></p> <p><b>Lightning Oral Presentations (3-minutes each)</b></p> <p><b>50.</b> Virtually Fence Free: The potential of virtual fencing in building drought resilience, Justin Macor, NQ Dry Tropics</p> <p><b>144.</b> Exploring the suitability of virtual fencing on a whole of property scale in Northern Australia, Christie Pearson, NT Department of Agriculture and Fisheries</p> <p><b>31.</b> Evaluating virtual fencing as a grazing management tool for sheep in the South Australian rangelands, Bianca Agenbag, South Australian Research and Development Institute</p> |
| 4:45pm – 5:45pm | <i>Evening Breakout Sessions</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                 | Ballroom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Chair/Speaker: Dr Paul Novelly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                 | Poster Session 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p><b>Professional Development 1</b></p> <p>Professional Development Interactive Q&amp;A:<br/>How to Write a Rangeland Journal Paper</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### Wednesday September 9, 2026

|                                                                                                                                                                                |                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Field Tours – pre-registration required                                                                                                                                        |                                                              |
| <b>Delegates attending the mid-conference tours are required to meet in the Lobby of the Conference venue at the designated times.</b>                                         |                                                              |
| Arnhem Highway – Flood Plains, Buffalo & Crocs Field Tour                                                                                                                      | Corroboree Billabong Sunrise Wetlands Cruise                 |
| Litchfield Tour: Carbon, Climate & Conservation in Northern Landscapes                                                                                                         | Territory Wildlife Park Fire Experiment and Gamba Field Tour |
| More information provided on the conference website: <a href="https://ars-conference-2026.eventsairsite.com/program">https://ars-conference-2026.eventsairsite.com/program</a> |                                                              |

### Thursday September 10, 2026

|                  |                                                                                                                                                                                                                                                                                                                     |          |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 7.30am – 8.30am  | ARS Meeting                                                                                                                                                                                                                                                                                                         | Ballroom |
| 8:30am – 9:10am  | <p>What have we really learned? Fifty years of Rangeland Management in WA – <b>Dr Ian Watson (with co-authors Alec Holm, Dr Don Burnside on stage to answer questions)</b></p> <p>Presentation 08.30am – 09.00am<br/>Plenary Q&amp;A 09.00am – 09.10am</p> <p>Chair: Robyn Cowley</p>                               | Ballroom |
| 9:10am – 9:50am  | <p>The implications of historic introductions of buffel grass (<i>Cenchrus ciliaris</i>) for its current and future distribution – <b>Margaret Friedel, RIEL Charles Darwin University Alice Springs</b></p> <p>Presentation 09.10am – 09.40am<br/>Plenary Q&amp;A 09.40am – 09.50am</p> <p>Chair: Robyn Cowley</p> | Ballroom |
| 9:50am – 10:30am | From Models to Practice: Supporting Extension Officers to Develop Personal Practice Frameworks – <b>Gerry Roberts &amp; Heather Ellis</b>                                                                                                                                                                           | Ballroom |

*The conference program is subject to change at the discretion of the Organising Committee*

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                   | Presentation 09.50am – 10.20am<br>Plenary Q&A 10.20am – 10.30am<br><br>Chair: Robyn Cowley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |
| 10:30am – 11:00am | Morning Tea, Networking and Trade Exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ballroom Foyer |
| 11.00am – 12:00pm | Breakout sessions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |
|                   | Ballroom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |
|                   | <b>Panel Session 3</b><br>Can cattle and conservation co-exist?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Concurrent Oral Session 4</b><br><b>Conserving our soils and sequestering our carbon?</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |
|                   | Chair: Dr Ian Perkins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Chair: Dr Lindsay Hutley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |
|                   | Panel members<br><br>Richard Faulkner, Conservation Partners<br>Fred Pascoe, Delta Downs<br>Chris Wyhoon, Salubris<br>Johnelle Stevens, Pastoral Partners Australia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Oral Presentations (10-minutes each)</b><br><b>30.</b> Improving land management in the Brigalow Belt Bioregion by planting legumes or reducing grazing pressure did not increase soil organic carbon during a decade of climate extremes, Craig Thornton, Qld DETSI<br><br><b>40.</b> The insensitivity of soil carbon measurement uncertainty to sampling density in homogeneous rangelands stratified using digital soils mapping: An evaluation using the Carbon Farming Methodology, Robert Crossley, Carbonlink<br><br><b>33.</b> Livestock-driven hydrological connectivity and sediment delivery using validated rain-on-grid modelling, Rory Wellham, Department of the Environment, Tourism, Science and Innovation<br><br><b>55.</b> Rebuilding Mitchell Grasslands: Hydrology, Biocrusts and Native Grass Recovery, Matilda Paesler, Desert Channels Queensland                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
| 12:00pm – 1:00pm  | Lunch, Networking and Trade Exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ballroom Foyer |
| 1:00pm – 2:35pm   | Breakout sessions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |
|                   | Ballroom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |
|                   | <b>Concurrent Oral Session 5</b><br><b>Conflicts &amp; Clashes: Can weeds and ferals be a resource and trade-offs in developing the rangelands</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Concurrent Oral Session 6</b><br><b>Thinking outside the paddock: land use policy</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |
|                   | Chair: Dr Margaret Friedel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Chair: Dr Don Burnside                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |
|                   | <b>Oral Presentations (10-minutes)</b><br><b>154.</b> Lifting the lid on groundwater in the NT, Dylan Irvine, CDU.<br><br><b>151.</b> Collaborative community-led approaches to feral herbivore management: Case studies from Aboriginal land in Central Australia, James Young, Central Land Council.<br><br><b>153.</b> Piloting new feral livestock management methods to engage environmental markets and effect long term threat reduction, Ben Lewis, Mimal Land Management<br><br><b>13.</b> Modelling feral goat grazing pressure to guide land management strategies in Western NSW rangelands, Alexander Dillon, Select Carbon. <b>Lightning Oral Presentation (3-minutes)</b><br><br><b>17.</b> Camels - an unlikely conservation hero, Simon Wiggins, PBE Services. <b>Oral Presentation (10-minutes each)</b><br><br><b>98.</b> Will the rain follow the plough? (Dryland cropping in the Southern Gulf rangelands of Queensland), Bob Shepherd, Qld Dept Primary Industries. <b>Oral Presentation (10-minutes)</b><br><br><b>Lightning Oral Presentations (3-minutes each)</b><br><b>16.</b> Evaluating ecosystem service trade-offs associated with irrigated agricultural development in northern Australian rangelands: A case study from the Gilbert River catchment, Emily Lazarus, Tropwater | <b>Oral Presentations (10-minutes)</b><br><b>90.</b> Beyond paperclips: Alternative development in North Australia: A post-capitalist perspective on Cattle, Culture, Climate, and Conservation, with a convivial proposal fit for the polycrisis of our times, John Brisbin, Ethical Feast.<br><br><b>46.</b> Remnant landscapes as living infrastructure: A demonstration-first approach to pastoral stewardship alignment in Western Australia's rangelands, Damian Priest, WA DPIRD.<br><br><b>74.</b> Supporting changing land usage in South Australia, Matt Humphrey, Pastoral Land Management Unit - Department for Environment & Water (SA).<br><br><b>67.</b> Practical implementation of the statewide review of potential carrying capacity in Western Australia's rangelands, Kath Ryan, WA Department of Primary Industries and Regional Development.<br><br><b>119.</b> Stacking Services: Integrating livestock production, carbon sequestration, and biodiversity conservation in Australian rangelands, Johnelle Stevens, Pastoral Partners Australia.<br><br><b>61.</b> Livestock in arid and semi-arid lands of Kenya and Tanzania: Participatory learning for a sustainability strategy. Halima Nenkari, National Institute for Agricultural Technology.<br><br><b>Lightning Oral Presentation (3-minutes)</b><br><b>123.</b> Do Incentives accelerate grazing practice change? Lessons and evidence from the Grazing Resilience and Sustainable Solutions (GRASS) Program, Grayson Jones, QDPI. |                |

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 | <p><b>42.</b> Stem injection herbicide treatments for controlling neem trees, Simon Brooks, Qld Department of Primary Industries</p> <p><b>139.</b> Rotational grazing of gamba grass in the Douglas Daly region, NT, Tim Schatz, NT Department of Agriculture and Fisheries</p> <p><b>73.</b> Post-fire observations of Siam weed seed viability, Simon Brooks, Qld Department of Primary Industries</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2:35pm – 3:05pm | Afternoon Tea, Networking and Trade Exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ballroom Foyer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3:05pm – 4:40pm | Breakout sessions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                 | <i>Ballroom</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 | <b>Concurrent Oral session 7<br/>Grazing land management: to spell or not to spell, and all the rest</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Concurrent Oral session 8<br/>Rehydrating the Range</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                 | Chair: Dr Ian Watson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Chair: Matt Fletcher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                 | <p><b>Oral Presentations (10-minutes each)</b></p> <p><b>129.</b> Exploring options to reduce greenhouse gas emissions when grazing Australia's rangelands, Adam Liedloff, CSIRO.</p> <p><b>133.</b> Can emerging non-protein nitrogen production techniques provide localised supply chains for nitrogen supplementation for rangeland livestock? Lindsey Perry, L Perry Ag Consulting.</p> <p><i>War of the grazing trials session highlight</i></p> <p><b>88.</b> Flexible stocking and spelling are key to managing climate variability, Peter O'Reagain, Queensland Department of Primary Industries.</p> <p><b>104.</b> 15 years of grazing trial in Central Australia showed no additional benefit of variable stocking or spelling, provided stocking rates were safe, Alison Kain and Georgia Anderson, NT Department of Agriculture and Fisheries. (Joined by co-authors Chris Materne and Robyn Cowley for the Q&amp;A).</p> <p>10-Minute Q&amp;A for a robust discussion of the findings of Wambiana and Old Man Plains Grazing Trials.</p> <p><b>77.</b> Do legumes raise the steaks in pasture performance? Amanda Elledge, Department of the Environment, Tourism, Science and Innovation. <b>Oral Presentation (10-minutes)</b></p> <p><b>143.</b> FireGraze: Using strategic patch burning to influence cattle grazing behaviour and improve land condition, Gretel Bailey-Preston, NT Department of Agriculture and Fisheries. <b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>63.</b> Seasonal and historical patterns of native grass availability from pastoralist knowledge in northern Kenya, Erick Omollo, Department of LARMAT, University of Nairobi. <b>Oral Presentation (10-minutes)</b></p> <p><b>49.</b> Effects of Tan sheep trampling on population characteristics of <i>Stipa bungeana</i> in typical steppe, Lan Li, Lanzhou University. <b>Lightning Oral Presentation (3-minutes)</b></p> | <p><b>Oral Presentations (10-minutes each)</b></p> <p><b>146.</b> Turning rain into feed: Soil carbon, rehydration and resilient grazing in Northern Western Australia, Jessica Rigg Impact Ag Australia</p> <p><b>21.</b> Hydrological and sediment yield responses to alluvial gully remediation in a semi-arid rangeland catchment, Phuntsho Pelgay, James Cook University</p> <p><b>92.</b> The Australian Pastures Genebank: Unlocking native genetic resources for rangeland restoration and research, Steven Dayes, QDPI</p> <p><b>10.</b> A transforming landscape in a low rainfall environment., James Kerr, Paroo Pastoral Company</p> <p><b>72.</b> Restoring crab hole country in Western Australia through managing grazing, Cath Walsh, Lyndon Station, WA</p> <p><b>108.</b> From isolated efforts to collective action: Coordinated cactus management across 40,500 hectares achieving landscape-scale control in the Lake Eyre Basin, Matilda Paesler, Desert Channels Queensland</p> <p><b>127.</b> Are you grazing too soon? What soil "Recovery" really means, Bruce Alchin, Desert Channels Queensland</p> <p><b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>84.</b> Contour banks and their role in ground cover recovery of claypans in the Mulga Lands, Dana Walkington, Queensland Department of Primary Industries</p> |
| 4:40pm – 5:40pm | Evening sessions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                 | <i>Ballroom</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Chair / Speaker: Dr Dionne Walsh</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4:40pm – 5:40pm | Poster Session 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>Professional Development 2</b></p> <p>Professional Development Interactive Q&amp;A:<br/> <b>134.</b> So you want to be a private consultant? Tips and tricks from "over the hill and far away"</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|             |                                                                                                                  |
|-------------|------------------------------------------------------------------------------------------------------------------|
| From 6:30pm | <b>Conference Dinner</b><br><i>Wharf One, Darwin Waterfront</i><br>Address: 19 Kitchener Dr, Darwin City NT 0801 |
|-------------|------------------------------------------------------------------------------------------------------------------|

| Friday September 11, 2026 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | <b>Day 3 Morning Plenaries - Carbon and Environmental Markets</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8:30am – 9:10am           | Ongoing evolution of landscape-scale fire management in Australia's fireprone northern savannas – Professor Jeremy Russell-Smith<br><br>Presentation 08.30am – 09.00am<br>Plenary Q&A 09.00am – 09.10am<br><br>Chair: Assoc Prof Beverley Henry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 9:10am – 9:50am           | The state of the carbon market and how it came to be broken - Prof Andrew Macintosh, ANU<br><br>Presentation 09.10am – 09.40am<br>Plenary Q&A 09.40am – 09.50am<br><br>Chair: Assoc Prof Beverley Henry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 9:50am – 10:50am          | Panel Session: Carbon & Environmental Markets<br><br>Speakers: Jeremy Russell Smith, Andrew McIntosh, Beverley Henry, Geoff Murrell<br><br>Chaired by Professor Don Butler, ANU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 10:50am – 11:20am         | Morning Tea, Networking and Trade Exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ballroom Foyer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 11.20am – 12.55pm         | Breakout sessions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                           | <i>Ballroom</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Reflections Room                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                           | <b>Concurrent Oral Session 9</b><br><b>Natural Capital: Carbon and Environmental Services</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Concurrent Oral Session 10</b><br><b>Variability to Extremes: Managing Livestock in a Changing Climate</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                           | Chair: Cameron Yates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Chair: Dr Beth Penrose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                           | <p><b>103.</b> Development and application of a socio-economic framework to access farm and regional impacts of carbon farming, Alex Baumber, The University of Technology Sydney. <b>Oral Presentation (10-minutes)</b></p> <p><b>82.</b> Practical approaches to emissions and carbon in Northern Queensland grazing systems, Teagan Lawrence, Queensland Department of Primary Industries. <b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>24.</b> Natural capital. A beginner's guide to the carrots, sticks, and co-benefits for northern Australia, David Gallacher, Northern Hub. <b>Oral Presentation (10-minutes)</b></p> <p><b>147.</b> Measuring what matters: Building MRV and market pathways for Kimberley natural capital, Jessica Rigg, Impact Ag Australia. <b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>53.</b> Economic and GHG emissions implications of running safe stocking rates in central Australia, Christophe d'Abbadie, Department of Primary Industries and Regional Development. <b>Oral Presentation (10-minutes)</b></p> <p><b>99.</b> Long-Term Recovery of Carbon Stocks in Acacia Aneura (MULGA) Woodland Following Thinning, Jacqueline England, CSIRO. <b>Oral Presentation (10-minutes)</b></p> <p><b>95.</b> Impact of Mulga thinning on forage and livestock productivity, Steven Bray, Dept of Primary Industries, QLD. <b>Oral Presentation (10-minutes)</b></p> <p><b>100.</b> Review of woody biomass recovery following chemical clearing: Implications for modelling of carbon</p> | <p><b>Oral Presentations (10-minutes each)</b></p> <p><b>112.</b> Improving The Prediction of the Northern Rainfall Onset for Northern Australian Agriculture, Timothy Cowan, University of Southern Queensland</p> <p><b>36.</b> Seasonal Pasture Monitoring to Support Livestock Management in Western New South Wales, Christine Plummer, Western Local Land Services</p> <p><b>130.</b> The risk of climate change to Australia's natural systems: A summary of the National Climate Risk Assessment for the rangelands, Adam Liedloff, CSIRO</p> <p><b>15.</b> Reducing livestock mortalities on north Australian floodplains during extreme wet seasons, Bob Shepherd, QLD Dept Primary Industries</p> <p><b>9.</b> Livestock thermal stress during recent major flood events in Northern Australia, Rajashree Naha, University of Southern Queensland</p> <p><b>8.</b> Monitoring flood-induced geomorphic change in the Flinders River Catchment using multi-temporal SBAS-InSAR: A case study of the January 2019 and 2026 flood events, Laleh Jafari, James Cook University</p> <p><b>Lightning Oral Presentation (3-minutes each)</b></p> <p><b>23.</b> Satellite remote sensing and hydrodynamic modelling for monitoring large flood events in the Flinders Catchment, Northern Australia, Ben Jarihani, James Cook University</p> <p><b>94.</b> Exploring the influence of land type on pasture productivity under variable rainfall conditions of Northern Australia, Hemant Raj Pandeya, Queensland Department of Primary Industries</p> |

*The conference program is subject to change at the discretion of the Organising Committee*

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                             |                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                  | <p>sequestration, Jacqueline England, CSIRO. <b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>18.</b> Carbon sequestration and grazing - A methodology to quantify changing carrying capacity as woody vegetation increases in semi-arid and arid regions of southern Queensland, Rob Young, Ecorich Grazing. <b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>35.</b> From suppression to recovery: Structural evidence for carbon potential in South Australian rangelands, Marinus De Jager, Australian Integrated Carbon. <b>Lightning Oral Presentation (3-minutes)</b></p> <p><b>76.</b> Mānuka and cattle not quite a honey pot, Steven Bray, Dept of Primary Industries, OLD. <b>Lightning Oral Presentation (3-minutes)</b></p> | <b>118.</b> Developing sustainable carrying capacities in the Victoria River District of the Northern Territory, Kate Holzapfel, NT Department of Agriculture and Fisheries |                |
| 12:55pm – 1:55pm | Lunch, Networking and Trade Exhibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                             | Ballroom Foyer |
| 1:55pm – 2:55pm  | <b>Conference Close</b><br>Closing wrap-up and thanks<br>Prizes, Reflections, Thanks, Next Conference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                             |                |
| 2:55pm – 3:25pm  | Afternoon Tea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                             |                |