



Australia's 5<sup>th</sup> National Natural Resource Management Knowledge Conference will be held in Coffs Harbour from 6-8 June 2016.

This is an opportunity for you to find out what is happening about natural resource management (NRM) across Australia. The theme for this conference is "People, Planet and Profits" and has been designed to allow delegates to explore the triple bottom line impact of natural resource management.

You will hear from regional NRM bodies, State and Australian government agencies about their projects and you will be briefed by an outstanding array of keynote speakers on the challenges ahead.

Refer to the program below for more details.

The Conference is supported by the National NRM Regions' Working Group (a national group representing Australia's 56 regional NRM bodies), the Australian Government's National Landcare Programme (our major sponsors), the Australian Conservation Foundation and the National Farmers Federation.



2016

# PEOPLE, PLANET AND PROFITS

## 6th National NRM Knowledge Conference

6th – 8th June 2016 Novotel Pacific Bay, Coffs Harbour NSW

### PROGRAM

(at 27 May 2016, subject to change)

#### PROGRAM - Day 1

Monday 6<sup>th</sup> June

7.30am **Registration**

9.00am **Field trips depart from Novotel Pacific Bay Resort**

Field Trip 1: Water Supply River Management

Field Trip 2: Coffs Coastal Headlands to Hills to Headlands Tour

Field Trip 3: Bellinger River Estuary Tour

Field Trip 4: Dorrigo Paddocks on the Plateau Tour

Field Trip 5: Mountains to Mangrove Tour

5.00pm **Buses return to Novotel Pacific Bay Resort**

6.30pm - **Welcome Reception**

8.30pm *Charlie's Decks, Novotel Pacific Bay Resort*

#### PROGRAM - Day 2

Tuesday 7<sup>th</sup> June

8.00am **Registration**

##### Session 1

##### Plenary

9.00am – 10.25am

9.00am **Welcome to the 6<sup>th</sup> National NRM Knowledge Conference**

Bruce Brown, Chair of the Conference Organising Committee

George Negus, Conference Facilitator / Chair

9.10am **Welcome to Country**

Mark Flanders, Local Gumbaynggir Elder

9.20am **Welcome from Minister**

The Hon. Keith Pitt, MP, Assistant Minister to the Deputy Prime Minister

9.40am **Keynote Address: Sustainability – The Opportunity of a Lifetime**

Arron Wood, Prime Minister's Environmentalist of the Year (2007)

10.25am	Morning Tea
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<b>Session 2</b>	<b>Plenary</b>	<b>10.55am – 12.50pm</b>
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10.55am	<b>Keynote Address: Environment Driving Social and Economic Outcomes</b> Professor Robert Costanza, Crawford School of Public Policy, Australian National University
11.25am	<b>Keynote Address: Profitability Driving Environmental and Social Outcomes</b> Richard Heath, General Manager Research, Australian Farm Institute
11.55am	<b>Keynote Address: Social Driving Environmental and Economic Outcomes – Innovation is the new black: social drivers of sustainable development for Australian agriculture</b> Professor Stewart Lockie, Director, The Cairns Institute, James Cook University
12.25pm	<b>Panel Discussion</b> Facilitated by George Negus

12.50pm	Lunch
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<b>Session 3</b>	<b>Concurrent</b>	<b>1.50pm – 3.10pm</b>
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	<b>3A: Innovation</b>	<b>3B: Industry Partnerships and Sustainable Agriculture</b>	<b>3C: Ecosystem Services</b>
Chair	Diana Laube, <i>Presiding Member, Eyre Peninsula Natural Resources Management Board, SA</i>	Jim Sullivan, <i>Chair, Wheatbelt NRM, Western Australia</i>	Kylie Jonasson, <i>First Assistant Secretary, Department of Environment</i>
Room	Marina	Harbour	Jetty
1.50pm – 2.10pm	Session Lead - Cottoning on to resilience: Innovations in the application of resilience thinking to NRM and agriculture in Australia <b>Francesca Andreoni</b> , <i>BelTempo NRM, NSW</i>	Session Lead – The Witches Brew <b>Sue Middleton</b> , <i>Chair National Landcare Advisory Committee</i>	Session Lead - Terrestrial Ecosystem Research Network: National research infrastructure linking researchers to practitioners for improved ecosystem health <b>Prof Tim Clancy</b> , <i>Director of Terrestrial Ecosystem Research Network (TERN), University of Queensland</i>



	<b>Session 3A cont..</b>	<b>Session 3B cont...</b>	<b>Session 3C cont...</b>
2.10pm – 2.30pm	Building resilience and reclaiming degraded land <b>Jared Sunderland, QLD</b>	Food from our natural resources – where to next? <b>Ian Thompson,</b> <i>Department of Agriculture and Water Resources, ACT</i>	Between rocks and hard places: Restoring old farming lands for agroforestry, carbon sequestration and biodiversity benefits in WA's midwest <b>Andrew Huggett, Insight Ecology, NSW</b>
2.30pm – 2.50pm	A framework for integrating regional natural resource knowledge and national cutting edge modelling products for prioritisation of biodiversity conservation investments <b>Rajendra Shilpakar,</b> <i>North West Local Land Services, NSW</i>	Protection and production - National Indigenous Pastoral Enterprises (NIPE) <b>Jonathon Green and Bruce Martin,</b> <i>National Indigenous Pastoral Enterprises, SA</i>	Enhancing ecosystem services by regenerating grasslands through grazing management <b>Peter Ampt, Sydney University, NSW</b>
2.50pm – 3.10pm	Innovative approaches to engaging the Aboriginal community and supporting career pathways in NRM in the South Coast of WA <b>Karen Herlihy, South Coast Natural Resource Management Inc, WA</b>	Collaborate or die: The formation of the Northern Agricultural Region Sustainable Agriculture Network (NARSAN) <b>Richard McLellan,</b> <i>Northern Agricultural Catchments Council, WA</i>	The effects of flow and barriers on the fish assemblages of the Clarence River, New South Wales, Australia <b>Gavin Butler, Fisheries NSW, NSW</b>

**3.10pm Afternoon Tea**

**Session 4 Concurrent 3.40pm – 5.00pm**

	<b>4A: Innovation</b>	<b>4B: Industry Partnerships and Sustainable Agriculture</b>	<b>4C: Ecosystem Services</b>
Chair	Diana Laube, <i>Presiding Member, Eyre Peninsula Natural Resources Management Board, SA</i>	Jim Sullivan, <i>Chair, Wheatbelt NRM, Western Australia</i>	Kylie Jonnasson, <i>First Assistant Secretary, Department of Environment</i>
Room	Marina	Harbour	Jetty
3.40pm – 4.00pm	NRM Audit: Understanding the difference works make and improving processes <b>James Shaddick, North Central CMA, VIC</b>	What's up with Wallis Lake? Helping oyster growers become sustainable, profitable and adaptable in a dynamic estuary <b>Brian Hughes, Hunter Local Land Services, NSW</b>	Watsonia control: Effectiveness of 2,2-DPA, impacts on native flora and influence of a prescribed burn <b>Anthony Abley, Natural Resources Adelaide and Mount Lofty Ranges, SA</b>

	<b>Session 4A cont...</b>	<b>Session 4B cont...</b>	<b>Session 4C cont...</b>
4.00pm – 4.20pm	The NRM Spatial Hub – A tool for the nation, the paddock and the plate <b>Phil Tickle</b> , <i>CRC for Spatial Information, VIC</i>	Eight years of investment in improving water quality off farms in the wet tropics: How has this changed farming practices? <b>Deborah Bass</b> , <i>Terrain NRM, QLD</i>	Using resilience to prioritise landscapes for revegetation in the Agricultural Floodplains Social-ecological System of the Goulburn Broken Catchment <b>Jenny Wilson</b> , <i>Goulburn Broken CMA, VIC</i>
4.20pm – 4.40pm	#DoMoreGood : Using @Twitter to increase #NRM impact <b>Richard McLellan</b> , <i>Northern Agricultural Catchments Council, WA</i>	Farm Water Program: Benefits for river health and sustainable agriculture - the story so far <b>Chris Nicholson</b> , <i>Goulburn Broken CMA, VIC</i>	Applying predictive modelling using a reference condition approach for the biological assessment of Temperate Austral Wetlands <b>Toni Furlonge</b> , <i>NRM North, TAS</i>
4.40pm – 5.00pm	<b>Questions</b>	<b>Questions</b>	<b>Questions</b>

5.00pm **Close of Day Two**

7.00pm - 10.30pm **Conference Dinner**

## **PROGRAM - Day 3** **Wednesday 8<sup>th</sup> June**

8.30am **Registration**

**Session 5** **Plenary** **9.00am – 10.10am**

9.00am **Welcome**  
Tim de Mestre, Chair of Local Land Services Board of Chairs

9.10am **Ministerial Welcome**  
The Hon. Rick Colless, MLC, Parliamentary Secretary for Natural Resources and Regional Planning representing the Hon. Niall Blair, MLC, Minister for Primary Industries and Minister for Lands and Water.

9.30am **Keynote Address: Dealing with the Challenges – Competing Land Use**  
Professor Darryl Low Choy, School of Environment, Griffith University

**10.10am** **Morning Tea**

<b>Session 6</b>	<b>Concurrent</b>	<b>10.40am – 12.40pm</b>
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	<b>6A: Climate Change</b>	<b>6B: How do we Demonstrate that we're Achieving the Bottom Line?</b>	<b>6C: Community Engagement and Partnerships</b>
Chair	Chris Norman, <i>Goulburn Broken CMA</i>	Ian MacGibbon, <i>Chair, Fitzroy Basin Association</i>	Terry Hubbard, <i>Chair, National Landcare Network</i>
Room	Marina	Harbour	Jetty
10.40am – 11.00am	Session Lead – The NRM and Net Zero Emissions: Putting Paris into Practice <b>John Connor</b> , <i>CEO, The Climate Institute</i>	Session Lead – National Environmental Accounts <b>Max Kitchell</b> , <i>National NRM Group of Chairs</i>	Session Lead - Understanding Context for Regional NRM Engagement <b>Professor Dr David Brunckorst</b> , <i>Solutions for People &amp; Place, and UNESCO Centre for Bioregional Resource Management; Professor in Honour, University of Freiburg, Germany; Em. Distinguished Professor, University of New England</i>
11.00am – 11.20am	A climate-ready adaptation pathways approach to analysing adaptation challenges for biodiversity conservation <b>Bill Dixon</b> , <i>Greater Sydney Local Land Services</i>	Beyond widgets! Measuring the true value and legacy of regional delivery <b>Penny Scott</b> , <i>Terrain NRM, QLD</i>	Organisational cultural competence in natural resource management, the West Gippsland Catchment Management Authority as a case study <b>Mandy Leggett</b> , <i>West Gippsland CMA, VIC</i>
11.20am – 11.40am	Emerging trends in NRM: Applying resilience thinking, transformation and adaptation concepts to build capacity <b>Paul Ryan</b> , <i>Australian Resilience Centre</i>	Quantifying the impact of investment on community capacity for NRM <b>Jo Latta</b> , <i>Mallee CMA, VIC</i>	Working in partnership with private landholders to achieve NRM outcomes: What influences landholders to maintain their NRM works? <b>Robyn Bowden</b> , <i>University of Melbourne, VIC</i>

	<b>Session 6A cont...</b>	<b>Session 6B cont...</b>	<b>Session 6C cont...</b>
11.40am – 12.00pm	Systems approach to adaptation planning in the Goulburn Broken Catchment <b>Kate Brunt</b> , <i>Goulburn Broken CMA</i>	Reviewing the evidence: Achieving biodiversity outcomes through understanding people, as much as planet <b>Patrick Gilmour</b> , <i>First Person Consulting, VIC</i>	<b>Engaging Conversations (Tabletop presentations) – see Appendix A</b>
12.00pm – 12.20pm	Planning for water and adaptation pathways in a changing climate in the South East of South Australia <b>Tim Bond</b> , <i>Natural Resources South East, SA</i>	World's best practice NRM planning and adaptive management? (And It's Free!) <b>Ben Carr</b> , <i>The Nature Conservancy, VIC</i>	
12.20pm – 12.40pm	<b>Questions</b>	<b>Questions</b>	

12.40pm                      Lunch

**Session 7                      Plenary                      1.40pm – 3.10pm**

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| 1.40pm | <b>Key Environmental Challenges – Where to from here?</b><br>Peter Cosier, Wentworth Group                   |
| 2.10pm | <b>Closing Keynote Address: Where to from here?</b><br>Dr Peter Ellyard, Australia's most prominent futurist |
| 2.40pm | <b>Questions</b><br>Facilitated by George Negus  |
| 3.00pm | <b>Conference Summary and Farewell</b><br>Chair of National Chairs   |
| 3.10pm | <b>Close of Conference</b>   |



### **Engaging Conversations session – Conversation topics & presenters**

*The aim of this session is to facilitate the sharing of ideas. 10 tables will be set up in the room, with three presenters (as below) assigned to each table. Each table will host 3 x 20 minute conversations based on the topic listed. After each 20 minute interval, delegates will move to a different table (presenters will remain where they are for the next group).*

#### ***Maintaining community momentum over time – what are the lessons and strategies?***

- After 30 years of landcare in Corangamite – what now? **Karen O'Keefe**, *Corangamite CMA, VIC*
- From Baby Boomers to Generation Alpha: Maintaining momentum in a multi-generational landscape change project, **Stephen Thuan**, *Port Phillip and Westernport CMA*
- Ongoing evaluation proves invaluable to regional landcare facilitator project, **Mandy Coulson**, *North Central CMA, VIC*

#### ***Tomorrow's landcarers – engaging young people. Any ideas?***

- NRM partnerships with education in the Cradle Coast Region, **Tom O'Malley**, *Cradle Coast NRM, TAS*
- Intrepid Landcare: Inspiring the next generation of young Australian landcarers, **Megan Rowlatt**, *Intrepid Landcare, NSW*
- Mentoring young Indigenous land managers in the NT – the key to success, **Wayne Barbour**, *Territory Natural Resource Management, NT*

#### ***Engaging farmers through productivity - is there more we can do?***

- Mallee farmers planning for a sustainable and productive future through environmental management action planning, **Rian Caccianiga**, *Mallee CMA, VIC*
- Creating change through different levels of engagement, **Karen Brisbane-Bullock**, *Goulburn Broken CMA, VIC*
- Increasing landholder collaboration for landscape-scale conservation, **Rebecca Cross**, *Sydney University, NSW*

#### ***Engaging farmers through stewardship – what are the barriers?***

- Maintaining resilience in farming and grazing systems, **Bruce Gardiner**, *Consultant – Sustainable Ag*
- Improving farm business management is good NRM practice, **Tony Randall**, *Natural Resources SA Murray-Darling Basin, SA*

#### ***Biodiversity partnerships – what is the key to success?***

- BirdLife Australia's Important Bird and Biodiversity Area (IBA) Program Drives Measurable Community Conservation Success, **Samantha Vine**, *Birdlife Australia, VIC*
- From nest to ocean without being eaten: The vital role of community partnerships in protecting marine turtles from predation, **Saranne Giudice**, *Burnett Mary Regional Group, QLD*



***Aboriginal engagement – we all do it but do we do it well?***

- Building strategic and successful partnerships with traditional owner groups for better on-ground outcomes, **Steve Bailey**, *Terrain NRM, QLD*
- Can NRM organisations address colonial legacies and collaborate with Aboriginal partners to build a healthy future - Actions from Southern Tasmania, **Kathie Fletcher**, *NRM South, TAS*
- Allowing traditional owners in Victoria to get the right fit for them within NRM planning and activity, **Rhys Collins**, *Port Phillip Westernport CMA, VIC*

***Learning from Indigenous knowledge – how can we harness and benefit from Indigenous ecological knowledge?***

- Indigenous fire management in Tasmania: The beginning of a journey, **Richard Ingram**, *Cradle Coast NRM, TAS*
- Indigenous people, NRM and landcare: practical examples across Australia, **Mitch Jeffery**, *Australian Government, Department of the Environment, ACT*

***Innovation in engagement - what new tools and can technology help?***

- Empowering community groups to partner with NRM and the successes and failures of trialling innovative engagement methods, **Anna Wind**, *Cradle Coast NRM, TAS*
- Showing the reach and benefits of NRM community engagement with a social network approach, **Daniel Healy**, *First Person Consulting, VIC*
- Community designing for community: Click to apply, **Marin Haldane**, *Terrain NRM, QLD*

***Urban - Can we do more?***

- Engaging the urban landcare community- inclusion, responsiveness and innovation, **Anna van Dugteren**, *ACT Natural Resource Management Programs, ACT*
- What's your nature? The importance of nurturing community partnerships for enhanced urban conservation outcomes, **Louise Orr**, *SEQ Catchments, QLD*
- Healthy country, healthy people: Engaging the ACT Indigenous community through NRM, **Darren Chong**, *ACT NRM, ACT*

***Biodiversity and connectivity what is the secret to successful landscape projects?***

- Cloud collaboration without computers – The 'Jalligirr Biodiversity Alliance', **Piers Harper**, *North Coast Local Land Services, NSW*
- Brigalow Nandewar Biolinks: Achievements and challenges in a collaborative approach to protect, restore and manage native vegetation on farms, **Lauren Wilson**, *Northern Tablelands Local Land Services, NSW*