



PLC18: Accelerating Connection

**AUSTRALIAN LAND CONSERVATION ALLIANCE
CONFERENCE PROGRAM**

QUT Gardens Point | Brisbane Queensland Australia

24 - 26 October 2018

Welcome from the ALCA Chair

On behalf of the Australian Land Conservation Alliance (ALCA), I am pleased to welcome you to the 4th annual National Private Land Conservation Conference – PLC18: Accelerating Connection.

Approximately 63% of Australia's land is privately owned or managed. In the last 20 years, private protected areas in Australia have grown from thousands to millions of hectares with just under 9 million hectares now protected by covenant or as reserves.

The work that the private land conservation community does is hugely important and expanding. ALCA is enormously excited that the profile of private land conservation is being raised every year in Australia through important initiatives such as this annual conference.

As a group, the members of ALCA share values that are collaborative and apolitical. We strive to be inclusive of all communities, identities and geographies - on country, on farms and in cities. We believe in conservation that lasts, understanding that actions on private land and waters, management and stewardship represent our legacy for the future.

Over the last 12 months the ALCA Board has been working tirelessly behind the scenes to clarify our mission and expand our reach. We aim to grow our collective impact through important national initiatives such as a burgeoning conservation finance network and considered collective policy advice. The national conference as a gathering represents the highlight of our year and marks our intention to amplify the capacity and collective impact of Australian private land conservation communities.

ALCA is enormously grateful to the team at Queensland Trust for Nature, your conference host for 2018, for their dedication and professionalism in bringing this conference to you.

We also acknowledge our thanks to the ongoing support and commitment from our 2018 ALCA partners, NAB Foundation and State Trustees of Victoria.

Last, but by no means least, our heartfelt thanks to all of our conference supporters NSW Biodiversity Conservation Trust, Linfox Logistics, Bush Heritage Australia, Greening Australia, The Pew Charitable Trusts, GreenCollar, Banrock Station, the Queensland Government, Ernst & Young, Greenfleet, Wonder of Science, MinterEllison and Young Henry's.

Brendan Foran

Chief Executive Officer, Greening Australia
Convenor, Australian Land Conservation Alliance

Welcome from the Conference Host

On behalf of the Trustees and team at the Queensland Trust for Nature, I am excited to welcome you here to Brisbane for ALCA's PLC18, Australia's leading private land conservation forum.

With the theme of 'Accelerating Connection', the PLC18 program has been designed to explore connections across people and landscapes and references the importance of connectivity for Australia's unique landscapes and biodiversity.

In thinking about the theme and bringing the conference to Queensland, we were challenged to explore and showcase the immensity and diversity of private land conservation work going on across Australia, with special focus on the North. The vastness and diversity of Australia's North pushes innovation and agility and drawing on that, the conference program has grown.

Over three days, three streams – Inspiration, Acceleration, Impact – provide a platform to demonstrate the breadth of the private land conservation sector. Plenary sessions will be complimented by workshops and concurrent sessions which cover a range of topics in depth.

We will hear how emerging technologies, multi-disciplinary collaborations and development of new markets are driving expansion and change across private land conservation. We will think about expanding conservation-focused relationships across sectors and geographies. We will see ground-breaking indigenous-led conservation projects and hear from many other private landholders including pastoralists and land conservancies.

I'm particularly excited to take PLC18 into the North via live video link on Friday at our Northern Connections session. Co-hosted by Pew Charitable Trusts, Northern Connections will carry stories across many thousands of kilometers linking participants in Brisbane, Longreach, Port Stewart and Darwin.

Throughout the program we will ask questions like - How can we scale-up? How can we collaborate and learn from each other, other places, other industries? How can we fail-forward and accelerate the impact of what we do well? How do we engage and inspire the leaders, landholders, volunteers and thinkers of the future?

As a founding member of ALCA, Queensland Trust for Nature is proud to be part of the growing national private land conservation network. Our appreciation goes out to sponsors and project partners who have supported PLC18 and the ongoing development of ALCA.

I am personally grateful to ALCA board members and the QTFN team for their commitment and enthusiasm in the lead-up to the conference. Special thanks to QTFN Trustee Adrian Volders for his ongoing input and support. Thanks and special mention must also go to QTFN's Joanna Osborn who has worked tirelessly over the last year to bring PLC18 to life.

Thank you for attending. I hope you enjoy PLC18 and take this important opportunity to accelerate your connection to nature, to place and to each other.

Nerida Bradley

Executive General Manager, Queensland Trust for Nature
Board Member, Australian Land Conservation Alliance

Conference Program

Wednesday, 24 October

Official PLC18 Opening

TIME		VENUE
4.15-5.45pm	<p>Songwoman Maroochy of the Turrbal People Traditional Welcome to Country</p> <p>The Honourable Leeanne Enoch MP, Queensland Minister for Environment and the Great Barrier Reef, Minister for Science and Minister for the Arts. Official opening for the PLC18 conference.</p>	Lecture Theatre 514, 'P' Block, QUT Gardens Point

Reef Showcase:

Private landholders protecting our natural wonder

Session sponsored by GreenCollar

TIME		VENUE
4.15-5.45pm	<p>MC: Adrian Volders, Trustee of Queensland Trust for Nature Hear about projects working to ensure a resilient Great Barrier Reef. Showcasing strong partnerships achieving improved water quality and restoring landscapes.</p> <p>Mike Berwick, GreenCollar Reef Credit Initiative - an innovative market solution offering a new way to drive improvement in water quality in the Great Barrier Reef catchments.</p> <p>Lynise Wearne, Greening Australia and Bristow Hughes, Strathalbyn Station Innovative industrial-scale restoration of erosion gullies to improve water quality flowing onto the Great Barrier Reef.</p> <p>Michael Coleman, Greenfleet Turtles, trees and tourism - an innovative approach to connecting ecosystem restoration and community activation.</p>	Lecture Theatre 514, 'P' Block, QUT Gardens Point

Network @ The Cube

TIME		VENUE
5.45-7.30pm	Immerse yourself in the virtual Great Barrier Reef and get set for PLC18	The Cube, QUT Gardens Point

Thursday, 25 October

TIME		VENUE
7.15-8.30am	Special breakfast event hosted by the Pew Charitable Trusts and Queensland Trust for Nature launching a new report on the future of private protected areas in Queensland (by invitation).	The Gardens Club
8.00-9.00am	REGISTRATION AND MORNING TEA AND COFFEE	Room 360

ALCA welcome & scene setting

TIME		VENUE
9.00-10.00am	Brendan Foran, Greening Australia, ALCA Chairperson Jane Hutchinson, ALCA Executive Director Welcome from ALCA Nerida Bradley, Queensland Trust for Nature Peter Ball, Impact Academy. Why PLC18 accelerating connection is inspired by Queensland's Innovation ecosystem Chad Renando, Startup Status. PLC18 facilitator and MC.	Room 360, QUT Gardens Point

Inspiration: Stories from the cutting edge of conservation

TIME		VENUE
10.00am-12.00pm	Clare Cannon, Woomargama Station Woomargama Station's private land conservation agreement, delivering successes for both biodiversity and farming. Robyn Bull, Wonder of Science, The University of Queensland Wonder of Science - inspiring passion for and deepening the understanding of Queensland's biodiversity via hands-on experiences and conservation mentors in real-world classrooms! Gerard O'Neill, Bush Heritage Australia. Bush Heritage Australia has been at the forefront of innovative science and bold conservation for close to three decades. Chief Executive Gerard O'Neill reflects on the projects that have had significant and far reaching results for species and landscapes. Peter See and Andrew Minyardie, 10 Deserts Project The 10 Deserts Project - Indigenous land management and connectivity across Australia's deserts. Dr Erin Peterson, Queensland University of Technology The Virtual Reef Diver project - citizen scientists working alongside marine scientists, to classify underwater images of the reef, helping scientists to better understand the health of the Great Barrier Reef. Erik Schmidt, University of Southern Queensland New technologies transforming agriculture and improving the profitability, environmental sustainability and socio-economic well being of our rural industries.	Room 360, QUT Gardens Point

12.00-12.40pm

LUNCH

Acceleration: How ideas are being scaled up

TIME		VENUE
12.40-2.40pm	<p>Paul Elton, NSW Biodiversity Conservation Trust The NSW Government's new private land conservation program, Biodiversity Conservation Trust, delivering biodiversity conservation with unprecedented government investment.</p> <p>Megan Surawski, Land Restoration Fund, Department of Environment and Science, Queensland Government Queensland Government's \$500 million Land Restoration Fund. Hear how the Fund will facilitate a pipeline of land-sector carbon farming projects that deliver additional social, cultural, environmental and economic co-benefits.</p> <p>Stephanie Russo National Australia Bank Limited Andrew Freeman, AgForce Queensland NAB and AgForce – working together to quantify the benefits of adopting best management practices and better understand the value of natural capital to Australian farmers.</p> <p>Peter Stein, Lyme Timber Company Insights into the rich history of private land conservation in the United States, reflecting on legislative and other changes which could likewise accelerate conservation in Australia.</p> <p>Blair Parsons, Greening Australia Focus on Australia's Great Southern Landscape. Scaling up restoration to establish wildlife habitat, create sustainable agricultural systems and adapt to climate change.</p> <p>Lizzie Corke, Conservation Ecology Centre Exploring ecotourism as a social enterprise and using tourism to accelerate conservation activities at the Wildlife Wonders ecotourism venture on a spectacular site on the Great Ocean Road in Victoria.</p>	Room 360, QUT Gardens Point
2.40-3.00pm	AFTERNOON BREAK	Room 360

Impact: Success stories building momentum for a better future

TIME		VENUE
3.00-5.00pm	<p>James McGregor, Greening Australia Greening Australia is pioneering use of drones in ecological restoration programs. James will discuss some of the potential pitfalls and limitations, and how they will be used in the future.</p> <p>Katie Perry, Nature Foundation SA Showcasing the innovative Kids on Country program which has directly impacted 85 young Aboriginal people from remote and metropolitan areas in South Australia.</p> <p>Tim Allard, Australian Wildlife Conservancy AWC: implementing effective conservation management. Hear from Tim Allard about the AWC's significant investment in ecological monitoring and research to inform conservation strategies focusing on case studies from the Kimberley and south-east Australia.</p> <p>Gareth Eloff, QEII National Trust From providing advice to defending covenant values in Court- QEII's role as Perpetual Trustee in the legal protection of covenanted land in NZ.</p> <p>Evan Quartermain, Humane Society International Celebrating and supporting the collective contributions and diversity of Wildlife Land Trust sanctuary owners. Evan will share the inspirational stories of landholders, wildlife rehabilitators, their considerable voluntary efforts and what motivates them.</p> <p>Rene Woods, The Nature Conservancy Australia The pioneering Nimmie-Caira private land conservation model is an exemplar of Indigenous-led, culture-based enterprise that sustains healthy country, responsible agriculture, education, research and independent Indigenous livelihoods. Hear from Rene about stewardship of Nimmie-Caira with an integrated economic, social, cultural and ecological vision.</p> <p>Peter Cosier, Wentworth Group of Concerned Scientists How instant success takes 10 years. The history the Wentworth Groups environment accounts of accounting for nature and why it is so important to conservation.</p>	Room 360, QUT Gardens Point

PLC18 Gala Dinner

TIME		VENUE
5.00-9.00pm	Enjoy a night of gourmet dining with a selection of fine wines by PLC18 sponsor, Banrock Station. After enjoying drinks and canapes on the lawns of Old Government House, guests will be entertained by Speed Dating with Queensland Scientists! A selection of Queensland's finest and brightest, Young Science Ambassadors from the inspiring Wonder of Science program, will share their weird and wonderful research with PLC18 Gala Dinner guests! <i>This is a separately ticketed event.</i>	Old Government House, QUT Gardens Point

Friday, 26 October

Connecting Communities: Working together to achieve impact

TIME		VENUE
8.30-9.30am	<p>Facilitator: Mark Bachmann, Nature Glenelg Trust Nature Glenelg Trust's approach to working with community and turning their restoration ideas into reality.</p> <p>Hugo Hopton, Nature Foundation SA Building Skills in Wetland Owners For a Healthy River. Developing and growing a strong, passionate community of practice to improve the health of the Murray – Darling, one wetland at a time.</p> <p>Matt Taylor, Tasmanian Land Conservancy Citizen-science for Conservation – Building Local Knowledge and Inspiring Conservation Action.</p> <p>Kym Saunders, Yarra Ranges Council Ribbons of Green: A decade of habitat restoration – beyond the numbers.</p> <p>Tanya Pritchard, Queensland Trust for Nature Achieving harmony between productive and natural landscapes. The Little Liverpool Range Initiative, leveraging excellent on-ground outcomes and maximising the positive impact of collective conservation land management.</p>	The Garden's Club

Concurrent Session. Connecting Research: Translating latest research and modelling techniques to on ground action

TIME		VENUE
8.30-9.30am	<p>Facilitator: Dr James Fitzsimons, The Nature of Conservancy Insights from research into international privately protected areas and will touch on IUCN's recently completed best practice guidelines privately protected areas.</p> <p>Sally Bryant, Tasmanian Land Conservancy Generating Environmental Currency. Using environmental accounts to track changes in asset condition, focus on-ground effort and generate 'Econds' that could soon become a tradable commodity.</p> <p>Mat Hardy, RMIT University From participation to permanence? Exploring the progression of conservation landholder behaviours.</p> <p>Carla Archibald, The University of Queensland Spatially identifying landholder, programmatic and contextual drivers of conservation covenant ownership.</p> <p>Stephen Thuan, Trust for Nature Catchments Spatial Analysis. A case study comparison of the priorities of two bodies working on natural resource management - the CMAs and TFN Victoria and finding alignment.</p>	Room 360, QUT Gardens Point

9.30-10.00am

MORNING TEA

Room 360

Northern Connections: Taking PLC18 to the north

Session sponsored by the Pew Charitable Trusts

TIME	TITLE	VENUE
10.00am-12.00pm	<p>Pepe Clarke, Pew Charitable Trusts. Northern Connections facilitator and MC. Introduction to the Northern Connections session and scene setting.</p> <p>Debbie Symonds - Olkola Aboriginal Corporation Olkola Aboriginal Corporation - striving ahead and moving to a self-sustaining model of independence. Developing enterprises such as tourism, cattle management, and carbon farming, and looking to further broaden the activities it undertakes for the benefit of the Olkola People.</p> <p>Erica McCreedy, North Australian Indigenous Land and Sea Management Alliance Ltd Embedding traditional knowledge into the delivery of land and sea management qualifications.</p> <p>Stephani Grove, Barkly Landcare and Conservation Association Connecting cattle country – landscape scale conservation in northern Australia.</p> <p>Alun Hoggett, Desert Channels Queensland, Longreach. With the task of mounting a world-leading weed eradication campaign, DCQ innovated - embracing drone technology, survey and control research, new communications and legislative instruments.</p> <p>Karen Liddy, Lama Lama Land Trust The Lama Lama Ranger Program delivering Indigenous-led Land and Sea Management in remote Cape York.</p> <p>Mitchell Hart, Pew Charitable Trusts. Reporting back from the Private Land Conservation Roundtable held in Darwin, August 2018. Mitchell will discuss the outcomes of the one-day roundtable discussion on private land conservation in the Northern Territory</p> <p>Darwin, Darwin presenter TBC</p>	Room 360 and Zoom hubs in Longreach, Port Stewart, Darwin

PLC18 wrap and pitch PLC2019

TIME		VENUE
12.00-12.30pm	Nerida Bradley, Queensland Trust for Nature and Hugo Hopton, Nature Foundation SA.	Room 360, QUT Gardens Point

Wednesday, 24 October

Pre-Conference Workshops

TIME		VENUE
7.00am-3.00pm	Maintaining A Balance: Fire Management on Private land Facilitators: Richard Geddes, Bush Heritage Australia and Tanya Pritchard, Queensland Trust for Nature. Field trip to Queensland Trust for Nature's 2000 ha, working cattle property Aroona exploring the challenges involved in undertaking fire management on private land. Workshop sponsored by Bush Heritage Australia and Queensland Trust for Nature.	QTFN's Aroona Station
9.00-11.30am	Becoming a Private Land Conservation Owner Facilitator: Parry Agius, Linking Futures. Masterclass exploring opportunities for Indigenous people to become conservation land owners. Taking a deep dive into a small number of case studies, participants will consider creating partnerships and encouraging conservation strategies for custodianship and stewardship of land.	The Garden's Club, Brisbane
9.00-11.30am	Biodiversity Markets and Conservation Banks Facilitator: Dr Adrian Volders, Trustee, Queensland Trust for Nature. Delivering offsets with outcomes and creating markets for biodiversity credits. Workshop sponsored by MinterEllison	MinterEllison, Level 22, Waterfront Place, 1 Eagle Street, Brisbane
9.00-11.30am	Social Finance Facilitators: Christopher Thorne and Elizabeth Rose, Ernst & Young. Taking a look at the diversity of philanthropy and impact investing. Exciting intentional investors, improving conservation offerings and working together to scale-up conservation outcomes. Workshop sponsored by Ernst & Young	Ernst & Young, Level 51, 111 Eagle Street, Brisbane
12.30-3.00pm	Leveraging Queensland's Biodiversity Facilitators: Adrian Ward, Wentworth Group, Megan Evans, Queensland Department of Environment and Science, Elizabeth Rose, Ernst & Young, Megan Surawski, Queensland Department of Environment and Science. Working in carbon and other environmental markets to leverage and monetise the benefit of on-ground work. Quantifying benefits, creating markets and unlocking investment. Workshop sponsored by Ernst & Young	Ernst & Young, Level 51, 111 Eagle Street, Brisbane
12.30-3.00pm	Volunteering for Conservation Michelle Stook, Bush Heritage Australia. Bush Heritage's National Volunteer Program with more than 780 highly-skilled volunteers who have contributed over 40,000 volunteer hours in the field and in the office. Workshop sponsored by Bush Heritage Australia.	The Garden's Club, Brisbane



The PLC18 conference would not be possible without the generous support of our sponsors.

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**PLC18 sponsor NSW Biodiversity Conservation Trust
feature article**

Accelerating public investment in PLC

For the NSW Biodiversity Conservation Trust (BCT), there is one guiding maxim: our ability as a community to conserve and manage our biodiversity relies on the long-term support and commitment of private landholders. If we are to achieve our targets for a comprehensive, adequate and representative protected area system and if we are to secure our threatened species in the wild, private landholders, as the stewards of 70 per cent of NSW lands, must be included in an integrated approach to conservation alongside our public and indigenous protected areas.

As part of its land management and biodiversity conservation reforms, the NSW Government has recognised this reality and decided to invest \$240 million over the five years to 2020-21, and \$70 million per annum (escalated) thereafter, in a new private land conservation program to be delivered by the new BCT. This represents a major scaling up and acceleration of investment in PLC in NSW.

The motivations of landholders to become engaged in conservation efforts with the BCT varies widely from those with strong altruistic interests in biodiversity conservation through to those who see conservation management as an opportunity to diversify their incomes or strengthen the productive capacity of their adjoining farms.

The BCT's Chief Executive, Paul Elton, said that the NSW Government's new investment has allowed the BCT to develop and implement a range of programs and delivery mechanisms that provide landholders with various pathways by which they can participate in biodiversity conservation on private land.

Our brief initial implementation experience has seen our programs heavily subscribed, including in parts of NSW that have not historically been the focus of PLC programs. The BCT has already invested \$32.5 million to support 34 funded conservation agreements covering about 11,200 hectares across NSW from three conservation tenders conducted so far. We do not see this interest abating. This is already proving the case for acceleration of government and non-government investment in PLC.

As just one example, graziers Owen and Helen Huggins have entered a funded, in-perpetuity conservation agreement with the BCT for their property "Wood Park" in the western Riverina. For the Huggins, there's an



obvious desire to demonstrate that you can run a viable agricultural enterprise and at the same time maintain and enhance the property's conservation values.

Owen is adamant that achieving "balance" is critical for the long-term viability of a grazing property.



Helen and Owen Huggins, landholders of "Wood Park", BCT funded conservation agreement holders

"Nothing gives us greater pleasure than to see new plants establishing. We get great joy in seeing rare species evident. When we see that we know there's a balance being achieved. So, to run a strong business with good livestock and also to work on conservation values ... the two things are achievable. That's what we hope to demonstrate."

The BCT is discovering a vast and largely untapped community of landholders who, if given help and financial support, are very willing to protect conservation values on their properties for aesthetic, social, financial and/or environmental reasons.

It's still early days but we hope to rewrite the public narrative so that many private landholders are, and are seen to be, good stewards of the land and our precious biodiversity. We see our role as facilitating this through appropriate public investment in ongoing financial and technical support.

The BCT is demonstrating that investment in PLC can and is being scaled up.

PLC18 sponsor Linfox Logistics feature article

Powering a sustainable future

Sunshine. Australia is famous for it. And with mature technologies available for power production at any scale, Linfox is increasing its use of solar to enhance efficiency



In 2017, more than one gigawatt of rooftop solar was installed across the country. Linfox did its share when it contracted Origin Energy to install four 100 kilowatt systems on its warehouses in New South Wales, Victoria, South Australia and the Northern Territory. Each system will generate enough electricity to power the equivalent of about 100 homes and, together, will offset 554 tonnes of carbon dioxide.

It's a significant capital investment, assisted by a power purchase agreement with Origin Energy that not only covers the initial installation costs but reduces electricity costs over the 25-year life of the agreement.

"It's our responsibility to reduce our impact and make our business sustainable," says Annemarie Bertoli, Sustainability Program Manager at Linfox.

Annemarie Bertoli,
Sustainability Program
Manager at Linfox.



"We committed to reducing our greenhouse gas emissions by 50 per cent over 10-years, and, in 2017, with the support of our employees and customers, we did. Now we are taking up the solar challenge."

Investment in renewable energy is part of Linfox's ongoing work to reduce its environmental impact and increase sustainability across the business. By switching to renewable sources of energy and increasing its energy efficiency, Linfox can reduce expenses and improve financial outcomes.

"We know that both the environment and businesses stand to win by reducing emissions. We will continue to work with our customers to reduce their carbon footprint through our operations," says Annemarie



There's more ahead. Linfox will install more solar panel systems in the coming years to further decrease its environmental impact. Furthermore, the company's sustainability agenda will continue throughout 2018 with a range of initiatives and programs.

Fuel efficient fleet purchases

Linfox is investing in the latest Euro6 engine technology. This investment will bring the latest safety, efficiency and emissions reduction technology to the Linfox fleet. The lower fuel consumption is so significant that the fuel tanks have been made smaller, without reducing the range. Carrying less fuel means a lighter truck, further increasing efficiency.

Supply chain optimisation

Vehicle routes and warehouse locations will continue to be optimised to maximise efficiency and reduce resource use. This includes using multi-modal transport solutions such as rail and sea.



Aerodynamic vehicle design

Prime mover aerodynamic kits will continue to be installed in all new vehicles to reduce vehicle drag, improving engine performance and reducing fuel consumption. By implementing roof fairings, turning vanes, side fender and aerodynamic mirrors, we can reach fuel savings of eight per cent.

EcoDrive education programs

Linfox's EcoDrive program will continue to educate new and existing drivers on efficient driving practices. This provides both environmental and economic benefits.

Map



In its role as a national voice for private land conservation, ALCA's mission is to ensure that private land conservation communities make the greatest possible contribution to the achievement of national and state level conservation goals.

Australian Land Conservation Alliance Board:



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Our sincere thanks to:





The Australian Land Conservation Alliance acknowledges the Traditional Owners of the land on which the 2018 National Private Land Conservation Conference is being held with sincere gratitude. We give heartfelt respect to their Elders past and present.