

2023 ANZIF Conference

Sunday 15 – Wednesday 18 October 2023 | Twin Towns, Coolangatta, Gold Coast

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Sunday 15 October 2023

Time	
10.00	Registration Desk Opens Level 5 Foyer
12.30 – 14.15	<p>Workshop #1 Horizons Chair: Beth Welden, ForestLearning Growing the Next Gen Together: Showcasing forest industry-school partnerships and tools with ForestLearning Clarissa Brandt, Timber Queensland Luciano Mesiti, Primary Industries Education Foundation Jonathan Tibbits, Responsible Wood Josh Praolini, Green Triangle Forest Industries Hub</p>
	<p>Workshop #2 Bay Chair: Graham Wilkinson & Jalesi Mateboto, Pacific Community Enhancing the diversity and growth of forestry professionals in Pacific Island Countries to meet the needs of the future</p>
	<p>Workshop #3 River Chair: Michelle Freeman, Forestry Australia The role of biodiversity in the future of forestry – markets, methods and the path ahead What forestry can offer to birdlife? Kerryn Herman, BirdLife Australia Putting a Value on Natural Capital, Simon Cook, Forico Lessons from setting up AfN, Adrian Ward, Accounting for Nature What's happening with natural capital, TFND and Nature Repair - a perspective from the finance sector, Nicole Yazbek-Martin, Australian Sustainable Finance Institute Managing biodiversity values in certified sub-tropical plantation estate, Dan O'Regan, HQPlantations</p>
13.00	First Timers Meet n' Greet Milling Area, Level 3 Chair: Jim Wilson & Matt de Jongh
13.45	Substantial Afternoon Tea Exhibition Hall
14.30 – 16.00	<p>Opening & Plenary Session #1 Showroom Chair: Jim Wilson Welcome to Country: Rachael Cavanagh Maxwell Jacobs Oration: Has Forestry responded adequately to social, demographic and economic trends? <i>Dr Neil Byron</i> Farming for the Future: can natural capital improve outcomes from productive agriculture? <i>Dr Elizabeth Heagney, Farming for the Future</i></p>



Keynote speakers proudly sponsored by







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16.10 – 16.30	Breakout #1 Showroom Theme: Natural capital & opportunities Chair: Tony Bartlett The net benefits of multiple use management of native forests: a cost-benefit analysis in South & Central Queensland <i>Jim Binney, Natural Capital Economics</i>	Breakout #2 Horizons Theme: Biosecurity Chair: Paul Barber Forestry insect pest incursions into New Zealand and the role of trans-tasman aerial dispersal <i>Toni Withers, Scion</i>	Breakout #3 River Theme: Research, investments & updates Chair: Anthony O'Grady From NIFPI to AFWI – Opportunities for super-charging innovation in Australia's forest and forest products industries <i>Dean Williams, University of Tasmania</i>	Breakout #4 Bay Theme: Communication workshop Chair: Jacquie Martin Forestry Communications: Improving community perceptions and awareness <i>Clarissa Brandt, Timber Queensland</i>
16.30 – 16.50	Investing in natural capital: Weaving native forest back through New Zealand's landscapes <i>Jacqui Aimers, Tane's Tree Trust</i>	Insect pest-risk appraisal for <i>pinus radiata</i> based on world-wide records of insects from native and invaded regions <i>Helen Nahrung, University of the Sunshine Coast</i>	FWPA update <i>Jodie Mason, Forest & Wood Products Australia</i>	
16.50 – 17.10	Natural capital accounting: from theory to practice <i>Greg Smith, CSIRO</i>	Forest biosecurity in New Zealand – A plantation forestry perspective <i>John Simmons, NZ Farm Forestry Association</i>	Demystifying and placing Australian forest industry research investment impacts into perspective <i>Braden Jenkin, Sylva Systems</i>	
17.10 – 17.30	Towards a circular economy through stewardship – A pathway for the North East NSW timber industry <i>Russ Martin, MS2 & Nick Cameron, North East NSW Regional Forestry Hub</i>	Pre-visual and early detection of myrtle rust on rose apple using hyperspectral measurements and thermal imagery <i>Michael Watt, Scion</i>	Engineered Wood Products – future investment and opportunities <i>Gavin Matthew, Engineered Wood Products Association of Australasia</i>	
17:30 – 17:50	Future management and ecology of forests planted today <i>Peter Clinton, Scion</i>	The role of natural enemies in suppression of paropsine beetles in New Zealand <i>Carolin Weser, University of Canterbury</i>	Motivating better husbandry of Australia's forests <i>Jerry Vanclay, Southern Cross University</i>	
18.30 – 20.30	Welcome Reception Exhibition Hall			

Monday 16 October 2023


Time				
07.00 – 08.15	Women in Forestry Breakfast Exhibition Hall & Showroom Chair: Nora Devoe, ACIAR Panellists: Kerrie Catchpoole, DAF, Queensland; Ellanese Mytton, New Forests, New Zealand; Emily Post, Local Land Services NSW. <i>Please note: this breakfast is open to all delegates</i>			Proudly sponsored by  Australian Government Australian Centre for International Agricultural Research
08.30 – 09.30	Plenary Session #2 Showroom Chair: James Treadwell Sustainable tropical forestry—nature-based solutions to global challenges <i>Sheam Satkuru, International Tropical Timber Council</i>			Proudly sponsored by 
09.40 – 10.00	Breakout #5 Showroom Theme: Future hardwood plantations Chair: John McGrath Modelling individual tree maximum basal area growth rates of five tall eucalypt species growing in even-aged forests <i>Philip West, Southern Cross University</i>	Breakout #6 Horizons Theme: Student presentations Chair: Kevin Harding Cooperation in small-scale forestry in Tasmania: Insights from behavioural economics <i>Zoya Cheraghi, University of Tasmania</i>	Breakout #7 River Theme: Education & the future of the profession Chair: Sam Van Holsbeeck Gottstein Trust - proven capacity for capacity building <i>Helen Murray, Gottstein Trust</i>	Breakout #8 Bay Theme: Forest gardening & Traditional Owner management Chair: Hanna Lillicrap Barriers and enablers to the implementation of Indigenous forest management on Dja Dja Wurrung Country <i>Oli Moraes & Caleb Dunolly-Lee, DJAARA</i>
10.00 – 10.20	How changes in thinning treatments impact tree growth, biomass and carbon sequestration in spotted gum (<i>Corymbia citriodora</i> subsp. <i>variegata</i>) plantations <i>Trinh Huynh, University of the Sunshine Coast</i>	Are there habitat thresholds for bird diversity in landscapes with eucalypt plantations? <i>Eliza Thompson, University of Melbourne</i> Relating to fire: Enhancing inter and multi-disciplinary inputs for proactive forest fire research through a common understanding of fire <i>Jady Smith, University of the Sunshine Coast</i>	Valuing forestry education in contributing to one of society's grandest challenges and its application to ecological engineering <i>Glenn Dale, Verterra Ecological Engineering</i>	
10.20 – 10.40	Plantation spotted gum sawn timber trials <i>Emma Leslie, Heartwood Unlimited</i>	Exploring the influence of host species on the growth and development of hemi parasitic <i>Santalum</i> species <i>Duc Bui, University of the Sunshine Coast</i> Identification of candidate genes controlling wood quality traits of <i>eucalyptus pellita</i> <i>Listya Mustika Dewi, University of Melbourne</i>	How far have our forestry graduates gone? <i>Bruce Manley, NZ School of Forestry</i>	
10.40	Morning Tea Exhibition Hall			

11.10 – 11.30	Breakout #9 Showroom Theme: Innovation & productivity Chair: Russell Dale Utilising thinning resources from durable hardwood plantations in Victoria <i>Jon Lambert, Heartwood Unlimited</i>	Breakout #10 Horizons Theme: Forest Health and biosecurity engagement and capacity building Chair: Helen Nahrung <i>Proudly sponsored by</i>  	Breakout #11 River Theme: Stakeholder, social and cultural values Chair: Jack Palmer Social responsibility, why it matters? A review in the forestry sector <i>Grace Villamor, Scion</i>	Breakout #12 Bay Theme: Indigenous forestry panel Chair: Bob Gordon Opportunities and challenges for Indigenous forest livelihoods in the East Arnhem context
11.30 – 11.50	Estimating and ameliorating the hardwood yield gap through site specific management <i>John McGrath, MFS</i>	Asia-Pacific engagement to improve forest health and biosecurity outcomes for Australian forests <i>Simon Lawson, University of the Sunshine Coast</i>	Forestry's social licence under review <i>Don Carson, Forest Owners Association</i>	Moderator: <i>Mila Bristow, Hort Innovation</i> <i>Mark Annandale, Aluminium Stewardship Initiative</i>
11.50 – 12.20	Targeting mid-rotation fertiliser applications to improve the volume production of Queensland Hybrid Pine plantations <i>John Senior, HQPlantations</i>	A National Forest Biosecurity Training Package – towards flexible, coordinated stakeholder engagement <i>Paco Tovar, Australian Forest Products Association</i>	Forestry credentials under fire: How history, policy and climate change unravelled social licence <i>Kit Richards, New Zealand Institute of Forestry</i>	<i>Dallas Anson, Northern Territory Government, Michael Brand, Northern Territory Government, Matt de Jongh, Responsible Wood, Patricia Fitzsimons, Forest Stewardship Council</i>
12.20 – 12.40	New advancements in fertiliser technology providing environmental and sustainable growth benefits for forestry <i>Matt Thomas, E.E. Muir & Sons</i>	Developing partnerships to protect country from forest biosecurity threats <i>Geoff Pegg, DAFF & Aj Perkins, DPI, NSW</i> Forest Pest Management Research Consortium – an industry and research overview <i>Sam Van Holsbeeck, University of the Sunshine Coast</i> Forest health and biosecurity in a changing world <i>Jodie Mason, Forest and Wood Products Australia</i>	Social media and modern communication: Empowering sustainable forestry awareness amongst end-users <i>Jonathan Tibbits, Responsible Wood</i>	<i>Rob McGavin, QLD Department of Agriculture & Fisheries, Keith Mununggurritj, Gumatj Corporation, Naomi Munyarryun, Gumatj Corporation, David Wirrpanda, Gumatj Corporation, David Yunupingu, Gumatj Corporation</i>
12.40	Lunch Exhibition Hall			
13.40 – 14.00	Breakout #13 Showroom Theme: Harvesting & logistics Chair: Steve Walker Harvesting and logistics automation research <i>Keith Raymond, Forest Growers Research</i>	Breakout #14 Horizons Theme: Forest Health & biosecurity science Chair: Paco Tovar <i>Proudly sponsored by</i>  	Breakout #15 River Theme: Farm forestry Chair: Emily Post Agroforestry around the world – the hows, the whys and the future of a global land use	Breakout #16 Bay Theme: Traditional Owner partnerships & opportunities Chair: Blair Freeman Ngā Maunga Whakahī o Kaipara's forest journey

		<p>Biological invasions in Australia's forests across space, time and the biosecurity continuum Helen Nahrung, University of the Sunshine Coast</p> <p>The hunt for Queensland's "Red October": Cercospora Needle Blight <i>Pseudocercospora pini-densiflorae</i> Michael Ramsden, HQPlantations</p> <p>Is a rogue nematode now controlling sirex wood wasp? Angus Carnegie, NSW DPI</p> <p>Transformational technologies for forest pest and pathogen diagnostics Conrad Trollip, NSW DPI</p> <p>Enhancing biological control of invasive Eucalyptus weevils in Australia's eucalypt plantations Andy Howe, University of the Sunshine Coast</p>	<p>Patrick Worms, <i>the International Union of Agroforestry</i></p> <p>Speaker proudly sponsored by Brisbane Convention Centre and</p> 	<p>Malcolm Paterson, Ngā Maunga Whakahī o Kaipara Ngahere</p>
14.00 – 14.20	<p>Work productivity review of new mechanical tree planting technologies Mohammad Ghaffariyan, University of the Sunshine Coast</p>			<p>Supporting diversified participation and partnerships with Aboriginal people in the management of NSW State Forests John Shipp, Robert Potter & Les Kosez, Forestry Corporation of NSW</p>
14.20 – 14.40	<p>New innovations to support harvesting on steep slopes Rien Visser, University of Canterbury</p>		<p>Harnessing natural capital to reach \$100 billion David Jochinke, Vice President, National Farmers Federation</p>	<p>A partnership between FSC ANZ and Indigenous communities that recognises and showcases Indigenous land stewardship Patricia Fitzsimons, Forest Stewardship Council</p>
14.40 – 15.00	<p>Barriers and challenges of the use of wood-based liquid biofuel in New Zealand: Perspectives from the transport industry sector Grace Villamor, Scion</p>		<p>Tree planting initiatives for supporting forest system and household needs in the Upper Mape area, Finschhafen District, Papua New Guinea Eko Maiguo, Bulolo University College</p>	<p>Tikanga Maori and a circular bioeconomy Te Kapunga Dewes, Nga Pou a Tane</p>
15.00	Afternoon Tea Exhibition Hall			
15.30 – 15.50	<p>Breakout #17 Showroom Theme: Carbon and water Chair: Fabiano Ximenes</p> <p>What factors should be considered in the establishment of white cypress pine (<i>Callitris glaucophylla</i>) plantations in Queensland? Trinh Huynh, University of the Sunshine Coast</p>	<p>Breakout #18 Horizons Theme: Genetics & predictive forestry Chair: David Lee</p> <p>Can different IML Resi tools or operators impact wood density predictions in southern pines? Vilius Gendvilas, University of the Sunshine Coast</p>	<p>Breakout #19 River Theme: Farm forestry Chair: Jim Wilson</p> <p>The business case for trees on farms Rod Keenan, University of Melbourne</p>	<p>Breakout #20 Bay Theme: Forest tourism Chair: Malcolm Paterson</p> <p>Proudly sponsored by</p>  <p>All I wanted was a coffee in the forest! Practical observations and insights from stakeholder engagements for two eco-tourism developments Monique Blason, ForestrySA</p>
15.50 – 16.10	<p>Tools for assessing and mitigating water quality risk from forest roads and timber harvesting Petter Nyman, Alluvium Consulting</p>	<p>A new tree height model for cut-to-length <i>Pinus radiata</i> stems and its prediction error distribution Huiquan Bi, For Metrics</p>	<p>Achieving a richer forest integrated through the New Zealand farm landscape Peter Handford, Groundtruth</p>	<p>Gulabaa, Place of Koala, Cowarra State Forest Justin Black & Kathy Lyons, Forestry Corporation of NSW</p>

16.10 – 16.30	Multi-decadal hydrological changes in Western Australia's southern forest catchments <i>Lachlan McCaw, Forest & Fire Science Consulting</i>	Early selection for whole-tree wood stiffness at final harvest age in the slash x Caribbean pine hybrid <i>Dominic Kain, HQPlantations</i>	NZ Farm Forestry Association – what is its future? <i>Dougal Morrison, NZ Farm Forestry Association</i>	Delivering the Bago State Forest Masterplan – NSW Snowy Valleys <i>Brendan Grimson & Kathy Lyons, Forestry Corporation of NSW</i>
16.30 – 16:50	Changes in water use of a Mountain Ash forest during and after the Millennium Drought <i>Clare Stephens, Western Sydney University</i>	Tree improvement in plantation forestry in Australia <i>Tony McRae, Tree Breeding Australia</i>	Planning potential for privately managed forests to meet regional sustainable forestry <i>Cris Brack, FLINTpro & Australian National University</i>	Sharing stories: The Visit NSW Forests destination marketing social media experience <i>Louise Faulkner, Forestry Corporation of NSW</i>
17.30	The Institute of Foresters of Australia T/A Forestry Australia Annual General Meeting Showroom			
18.15 - 19.30	Future Foresters Networking Function Horizon Deck Chair: Jack Palmer, FFI & NZIF		Proudly sponsored by 	
	Evening at leisure			

Tuesday 17 October 2023

Time				
08.00	Arrival Tea & Coffee Exhibition Hall			
08.30– 10.15	Plenary Session #3 & Awards Showroom Plenary Panel: The future of forestry, carbon and natural capital Chair: Mick Stephens, Timber Queensland The future of forestry, carbon and natural capital: A New Zealand perspective , <i>Warren Parker, Pāmu (Landcorp Farming Ltd)</i> Role of the forest industry in meeting Australia's carbon and biodiversity targets , <i>Libby Pinkard, CSIRO</i> How housing markets are changing and why that matters , <i>Tim Woods, Industry Edge</i> Towards a new natural capital asset class , <i>David Brand, New Forests</i>		Proudly sponsored by 	
10.15	Morning Tea Exhibition Hall			
10.45 – 11.05	Breakout #21 Showroom Theme: Carbon Chair: James Treadwell	Breakout #22 Horizons Theme: Fire & our future Chair: Gary Morgan	Breakout #23 River Theme: Technology Chair: Mike Sutton	Breakout #24 Bay Theme: Stakeholder engagement Chair: Monique Blason

	<p>Proudly sponsored by</p>  <p>Australian Carbon Markets – State of play and implications for forest growers <i>Zoe Ryan, Climate Friendly</i></p>	<p>NZ forest fire management – Are we on the right track? <i>Murray Dudfield, New Zealand Institute of Forestry</i></p>	<p>Forest change and climate change – How to monitor and manage new dynamics in forest growth and health <i>Albrecht von Ruffer, SKYLAB</i></p>	<p>The Importance of First Nations Stewards <i>Rachael Cavanagh, Currie Country</i></p>
11.05 – 11.25	<p>The carbon state of New Zealand's forests <i>Thomas Paul, Scion</i></p>	<p>Commercial trees, bushfire risk and cooperative action – How do we maximise fire management outcomes in a dynamic landscape? <i>Anthony Walsh, Green Triangle Fire Alliance</i></p>	<p>Forest health surveillance using the innovative airborne ArborCam sensor and artificial intelligence <i>Paul Barber, ArborCarbon</i></p>	<p>Developing and implementing a First Nations engagement framework <i>Tolita Dolzan & Stephanie Hunt, HQPlantations</i></p>
11.25 – 11.45	<p>Carbon – the development of a valuation standard in a world of many moving (and changing) parts <i>Bruce Manley, NZ School of Forestry</i></p>	<p>Forest industry brigades – Protecting forestry assets and our communities <i>Ruth Ryan, Waroo</i></p>	<p>Evaluating and operationalising new technologies through co-design approaches: An example with UAV pesticide spray applications in sensitive urban areas <i>Andrea Grant, Scion</i></p>	<p>Insights for Australia and New Zealand: Developing culturally relevant and regionally specific sustainability standards through stakeholder and community engagement <i>Richard Laity, PEFC Southeast Asia</i></p>
11.45 – 12.05	<p>Revealing the carbon value of multiple-use forests <i>Geoff Roberts, FLINTpro</i></p>	<p>Towards sustainable bushfire management for a remote settlement: A preliminary case study of community views, Mallacoota, Australia <i>Helen Bull, obliqua</i></p>	<p>#digitalforests: Exploring the use of internet of things technology for sustainable forest management: A case study of Sustainable Timber Tasmania <i>Shaun Suitor, Sustainable Timber Tasmania</i></p>	<p>Commencing the era of the Forest Dialogue for Australia <i>Ewan Waller, Consultant</i></p>
12.05	<p>Lunch Exhibition Hall</p>			
13.00 – 13.20	<p>Breakout #25 Showroom Theme: Carbon & climate change Chair: Rod Keenan</p> <p>Proudly sponsored by</p>  <p>Delivering Carbon Neutral 2030 <i>Margaret Jewell, Meat & Livestock Australia</i></p>	<p>Breakout #26 Horizons Theme: Fire detection, protection & communication Chair: Ruth Ryan</p> <p>A National Bushfire Intelligence Capability and the relevance to the protection of forest resources <i>Glenn Newnham, CSIRO</i></p>	<p>Breakout #27 River Theme: The benefits of trees on farms Chair: Daniel Mendham</p> <p>Proudly sponsored by</p>  <p>Identifying agroforestry assets from space using Google Earth Engine <i>Stephen Stewart, CSIRO</i></p>	<p>Breakout #28 Bay Theme: Stewardship & certification Chair: Suzette Weeding</p> <p>Building social license through effective stakeholder engagement <i>Ross Garsden, BSI-ANZ</i></p>
13.20 – 13:40	<p>Climate change adaptation behaviour of forest growers in New Zealand <i>Grace Villamor, Scion</i></p>	<p>Towards an integrated hi-tech solution to detect small fires <i>Marta Yebra, Australian National University</i></p>	<p>Quantifying biodiversity benefits of trees on farms – How much value do agroforestry plantings hold for biodiversity? <i>Jacqueline England, CSIRO</i></p>	<p>Indonesia's timber legality and sustainability verification system: What can Australia learn? <i>Depi Susilawati, Australian National University</i></p>

13.40 - 14.00 -	Carbon balance of native forestry in key production regions in Australia <i>Fabiano Ximenes, NSW DPI</i>	Ensemble fire spread modelling on a changing landscape and climate: A case study on the Blue Heart, Sunshine Coast, Queensland <i>Anthony Power, University of the Sunshine Coast</i>	Shelter benefits to pasture and livestock - outcomes from a global review of the literature <i>Thomas Baker, University of Tasmania</i> Quantifying the carbon and wood production benefits from commercial shelterbelt plantings <i>Jacqueline England, CSIRO</i>	Update on PEFC endorsement of the Responsible Wood Certification Scheme and transitioning to updated standards <i>Simon Dorries, Responsible Wood</i>
14.00 - 14.20	Climate change and Tasmanian production forests <i>Angela Gardner, Forest Practices Authority</i>	Early lessons from "The Big One" Canada's 2023 fire season <i>Steve Taylor, Canadian Forest Service</i>	How much do society and farmers value trees? Results from willingness to pay surveys of residents and landholders <i>Sorada Taps wan, CSIRO</i>	Overview of Responsible Wood certification and sustainable forest management <i>Matt de Jongh, Responsible Wood</i>
14.20 - 14.40	Helping Tasmania's <i>Eucalyptus obliqua</i> tall forests adapt to a warmer climate: An opportunity for forestry to shine? <i>Tim Wardlaw, University of Tasmania</i>	Communicating effective forest fire management <i>Euan Ferguson, Euan Ferguson P/L</i>	Seeing the benefits for the trees: accounting for the multiple benefits of agroforestry <i>Anthony O'Grady, CSIRO</i> Growing trees on farms to benefit farm productivity, profitability and resilience: How the Perennial Prosperity Project is making a difference <i>Stephen Clarke, Private Forests Tasmania</i>	Biodiversity management – From maintaining to enhancing: How sustainable forest management certification underpins a long-term biodiversity improvement program <i>David Bennett, PF Olsen</i>
14.40	Afternoon Tea Exhibition Hall			
15.10 - 15.30	Breakout #29 Showroom Theme: Natural capital, climate change and the bioeconomy Chair: Liam Costello Being in the room matters for the sustainable forestry sector <i>Natasa Sikman, AFPA</i>	Breakout #30 Horizons Theme: Monitoring & technology Chair: Corinne Watson NOBURN: Bushfire research through citizen science <i>Sam Van Holsbeeck, University of the Sunshine Coast</i>	Breakout #31 River Theme: Farm forestry & innovation Chair: Lachlan McCaw <i>Proudly sponsored by</i> Private Forests Tasmania Integrated farm forestry with Decision Tree <i>Wendy Perdon, South West Timber Hub</i>	Breakout #32 Bay Theme: Community communication Chair: Jenna Hammond Gaining insight into complex issues from a Community Reference Group <i>Stephanie Hunt, HQPlantations</i>
15.30 - 15.50	Generating carbon abatement and natural capital value by planting trees and shrubs <i>Jeffrey Castellanos, Clean Energy Regulator</i>	Measuring and promoting biodiversity in hardwood timber plantations: A regenerative forestry approach <i>Sebastian Klein, wood4good</i>	Best tree genetics – what's in it for small private forest growers? <i>Kevin Harding, Forestry Australia</i>	
15.50 - 16.10	Transitions to the bio-economy and healthy carbon landscapes <i>Jason Alexandra, ICEDS ANU</i>	Efficacy of drone-based thermography to detect arboreal fauna: Observations from Victorian Central Highlands	Combining forestry and farming in landscapes that flourish <i>Jon Lambert, Heartwood Unlimited</i>	

		<i>Benjamin Wagner, University of Melbourne</i>	
16.10 – 16.30		Looking for and learning from birds in plantations: How structured bird monitoring is changing our perspective <i>Kerryn Herman, BirdLife Australia</i>	Historic insights to inform the present and plan for the future in order to break cycles of inappropriate species selection <i>Braden Jenkin, Sylvia Systems</i>
16.35 – 17.30	Plenary #4 & Closing Session Showroom Chair: Michelle Freeman My journey to forestry and the art of advocacy <i>The Hon. Joel Fitzgibbon</i>		
19.00 – 22.00	Conference Dinner Currumbin Wildlife Sanctuary Coaches depart Twin Towns at 6.30pm		

Wednesday 18 October 2023 | Field Trips

Time	
08.00 – 17.30	<p>Field Trip #1 – Recovery, health and Country management</p> <p>Hosted by the team at Forestry Corporation of NSW, this field trip will visit forests in Northern NSW that were burnt during the 2019/2020 black summer fires comparing forest health, structure and condition of sites with a frequent fire frequency with long unburnt areas. The restoration of forests significantly impacted by black summer fires, traditional burning opportunities, FCNSW engagement with traditional owners and country management will be key themes explored during the field trip.</p> <p>Field Trip #2 – Farm, agroforestry and family business</p> <p>Hosted by Forestry Australia's Grower Committee, this field trip will include visits to Hurford Hardwood's mill – a family business that was established in 1932 that spans across multiple tiers by being a grower, manufacturer and wholesaler – and Super Forest Plantations' Nimbin properties, which will provide insights into a mixed farming enterprise (plantation timber and cattle) that has developed over the last 23 years and has grown over 1,000 ha of durable hardwoods in mixed species plantings across multiple sites.</p> <p>Field Trip #3 – Wood products, innovation and research</p> <p>The wood products and innovation field trip will visit 3 timber research locations in Brisbane. At the Queensland Department of Agriculture and Fisheries Research Facility in Salisbury, we will learn about kiln drying, sawmilling and peeling technologies, as well as timber preservation and performance testing, and adhesive testing and development. At Griffith University, we'll view the testing facilities for larger structural timber and see a floor vibration testing demonstration. Finally, at the University of Queensland's ARC Advance Timber Hub, we'll hear about the work of the Hub, experience a fire testing demonstration and visit the Advanced Engineering Building Auditorium, which has 215-tonne roof supported entirely by timber members spanning 30 metres.</p> <p>Field Trip #4 – Non-wood forest products, education and research</p> <p>The far north coast of NSW boasts a unique climate, ecology and culture that supports a variety of spectacular parks, as well as production of bioenergy, food and native plant extracts. This tour will also include forest recreation, plant oils production, gin distilling, green energy, koalas, nuts, science, laboratories and lots of rainforest. Lots to see and talk about. Head to north-</p>

eastern NSW to visit Southern Cross University's Lismore campus and learn from the team about their bioenergy and regenerative forestry education and research. This trip will then look at the importance of non-wood forest products in the region and include a trip back through the spectacular hinterland to stop off at some tourist favourites.

Field Trip #5 – Forest health, fire, resilience and conservation

Travelling to Lamington National Park and the Tallebudgera Valley, this trip will discuss national park management and conservation by local park rangers while visiting some spectacular sub-tropical rainforests in the region. Arriving at Binna Burra Lodge, you will hear about the 2019 Black Summer fires that impacted the lodge, as well as the effect on recreational tourism in the region and the road to recovery. After lunch at the Binna Burra Lodge, you will explore the 2019 fire-affected forest and hear how the event unfolded from park rangers. Together with local fire experts and rangers, you will discuss the circumstances ahead of the fire and its impacts on the ecosystem. On the way back, the field trip will take you to the Tallebudgera Valley, an area impacted by Myrtle Rust. Here you will discuss the impacts fire has on the spread of the Myrtle Rust disease affecting Myrtaceae species, current research activities and the potential impact caused by the disease.

Wednesday 18 & Thursday 19 October 2023

Field Trip #6 – Multi-day trip to Sunshine Coast

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Join HQPlantations for a tour of their RW & FSC certified Araucaria and Southern Pine plantations. Weather permitting, participants will visit HQP's 10M pa seedling nursery, hear about their advanced tree breeding program and learn about HQP's fire management innovations. See silviculture and harvesting operations in action in the largest contiguous softwood plantation in the southern hemisphere and Australia's only native rainforest softwood species Australian Araucaria™. There is also an opportunity for some participants to tour Hyne Timber's Tuan mill. Please note that this field trip will include an overnight stay and will also involve some long days with travel. We will do our best to ensure return by 5.30pm on Day 2 of the Field Trip, however, we cannot guarantee that you will be back in time to meet flights. Please take this into consideration when booking your return travel following the Conference.