

# 2023 ANZIF Conference

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

With thanks to the 2023 ANZIF Conference Sponsors:

## Major Sponsors



## Supporting Sponsors




## Other Sponsors and Exhibitors



## Sunday 15 October 2023

Time	
08.30	<b>Registration Desk Opens</b>   Level 5 Foyer
12.30 – 14.15	<b>Workshop #1</b>   Horizons <b>Chair:</b> Beth Welden, ForestLearning <b>Growing the Next Gen Together: Showcasing Forest Industry-School Partnerships and Tools with ForestLearning</b>
	<b>Workshop #2</b>   Bay <b>Chair:</b> Graham Wilkinson & Jalesi Mateboto, Pacific Community <b>Enhancing the diversity and growth of forestry professionals in Pacific Island Countries to meet the needs of the future</b>

	<p><b>Workshop #3</b>   River  <b>Chair:</b> Michelle Freeman, Forestry Australia  <b>Theme:</b> The role of biodiversity in the future of forestry – markets, methods and the path ahead</p> <p><b>What forestry can offer to birdlife?</b> Kerry Herman, BirdLife Australia  <b>Putting a Value on Natural Capital,</b> Simon Cook, Forico  <b>Lessons from setting up AfN,</b> Adrian Ward, Accounting for Nature  <b>What's happening with natural capital, TFND and Nature Repair - a perspective from the finance sector,</b> Nicole Yazbek Martin, Australian Sustainable Finance Institute  <b>Managing biodiversity values in certified sub-tropical plantation estate,</b> Dan O'Reagan, HQPlantations</p>			
13.00	<b>First Timers Meet n' Greet</b>   Horizon Deck			
14.00	<b>Substantial Afternoon Tea</b>   Exhibition Hall			
14.30 – 16.00	<p><b>Opening &amp; Plenary Session #1</b>   Showroom</p> <p><b>Max Jacobs Oration: Creating Valuing from Forestry's Natural Capital</b>  Rayne van den Berg, Forico</p>			<p>Keynote speaker proudly supported by</p>  <p>Indufor</p>
16.10 – 16.30	<p><b>Breakout #1</b>   Showroom  <b>Theme:</b> Natural capital &amp; opportunities</p> <p><b>The net benefits of multiple use management of native forests: a cost-benefit analysis in South &amp; Central Queensland</b>  Jim Binney, Natural Capital Economics</p>	<p><b>Breakout #2</b>   Horizons  <b>Theme:</b> Biosecurity</p> <p><b>Forestry insect pest incursions into New Zealand and the role of trans-tasman aerial dispersal</b>  Toni Withers, Scion</p>	<p><b>Breakout #3</b>   Bay  <b>Theme:</b> Research, investments &amp; updates</p> <p><b>From NIFPI to AFWI – Opportunities for super-charging innovation in Australia's forest and forest products industries</b>  Dean Williams, University of Tasmania</p>	<p><b>Breakout #4</b>   River  <b>Theme:</b> Communication Workshop</p> <p><b>Forestry Communications: Improving community perceptions and awareness</b>  Clarissa Brandt, Timber Queensland  Jacquie Martin, Forestry Australia</p>
16.30 – 16.50	<p><b>Investing in natural capital: Weaving native forest back through New Zealand's landscapes</b>  Jacqui Aimers, Tane's Tree Trust</p>	<p><b>Insect pest-risk appraisal for <i>pinus radiata</i> based on world-wide records of insects from native and invaded regions</b>  Helen Nahrung, University of the Sunshine Coast</p>	<p><b>FWPA Update</b>  Jodie Mason, Forest &amp; Wood Products Australia</p>	
16.50 – 17.10	<p><b>Natural capital accounting: from theory to practice</b>  Greg Smith, CSIRO</p>	<p><b>Forest biosecurity in New Zealand – A plantation forestry perspective</b>  John Simmons, NZ Farm Forestry Association</p>	<p><b>Demystifying and into perspective: Forest industry research investment impacts in Australia</b>  Braden Jenkin, Sylva Systems</p>	
17.10 – 17.30	<p><b>Towards a circular economy through stewardship – A pathway for the northeast NSW timber industry</b>  Russ Martin, MS2 &amp; Nick Cameron, North East NSW Regional Forestry Hub</p>	<p><b>Pre-visual and early detection of myrtle rust on rose apple using hyperspectral measurements and thermal imagery</b>  Michael Watt, Scion</p>	<p><b>Wood and forest product innovation</b>  Speaker TBC</p>	


17:30 – 17:50	<b>Future management and ecology of forests planted today</b> <i>Peter Clinton, Scion</i>	<b>The role of natural enemies in suppression of paropsine beetles in New Zealand</b> <i>Carolyn Weser, University of Canterbury</i>	<b>Motivating better husbandry of Australia's forests</b> <i>Jerry Vanclay, Southern Cross University</i>	
18.30 – 20.30	<b>Welcome Reception</b>   Exhibition Hall			

## Monday 16 October 2023



Time				
07.00 – 08.10	<b>Women in Forestry Breakfast</b>   Exhibition Hall & Showroom <b>Panellists:</b> TBA <i>Please note: this breakfast is open to all delegates</i>		Proudly supported by  Australian Government Australian Centre for International Agricultural Research	
08.30 – 09.30	<b>Plenary Session #2</b>   Showroom <b>Title TBC</b> <i>Sheam Satkuru, International Tropical Timber Organization</i>			
09.40 – 10.00	<b>Breakout #5</b>   Showroom <b>Theme:</b> Future hardwood plantations  <b>Modelling individual tree maximum basal area growth rates of five tall eucalypt species growing in even-aged forests</b> <i>Philip West, Southern Cross University</i>	<b>Breakout #6</b>   Horizons <b>Theme:</b> Student presentations <b>Chair:</b> Kevin Harding  <b>Exploring the role of cultural landscapes in promoting urban sustainability</b> <i>Alebel Melaku Kolech, United Nations University Institute for the Advanced Study of Sustainability</i>	<b>Breakout #7</b>   Bay <b>Theme:</b> Education & the future of the profession  <b>Gottstein Trust - proven capacity for capacity building</b> <i>Helen Murray, Gottstein Trust</i>	<b>Breakout #8</b>   River <b>Theme:</b> Forest gardening & Traditional Owner management  <b>Barriers and enablers to the implementation of Indigenous forest management on Dja Dja Wurrung Country</b> <i>Oli Moraes, DJAARA</i>
10.00 – 10.20	<b>How changes in thinning treatments impact tree growth, biomass and carbon sequestration in spotted gum (<i>Corymbia citriodora</i> subsp. <i>variegata</i>) plantations</b> <i>Trinh Huynh, University of the Sunshine Coast</i>	<b>Cooperation in small-scale forestry in Tasmania: Insights from behavioural economics</b> <i>Zoya Cheraghi, University of Tasmania</i>	<b>Valuing forestry education in contributing to one of society's grandest challenges and its application to ecological engineering</b> <i>Glenn Dale, Verterra Ecological Engineering</i>	
10.20 – 10.40	<b>Plantation spotted gum sawn timber trials</b> <i>Emma Leslie, Heartwood Unlimited</i>	<b>Are there habitat thresholds for bird diversity in landscapes with eucalypt plantations?</b> <i>Eliza Thompson, University of Melbourne</i>  <b>Relating to fire: Enhancing inter and multi-disciplinary inputs for proactive forest fire research through a common understanding of fire</b> <i>Jady Smith, University of the Sunshine Coast</i>	<b>How far have our forestry graduates gone?</b> <i>Bruce Manley, NZ School of Forestry</i>	

		<p><b>Exploring the influence of host species on the growth and development of hemi parasitic Santalum species</b> <i>Duc Bui, University of the Sunshine Coast</i></p> <p><b>Identification of candidate genes controlling wood quality traits of eucalyptus pellita</b> <i>Listya Mustika Dewi, University of Melbourne</i></p>		
10.40	<b>Morning Tea</b>   Exhibition Hall			
11.10 – 11.30	<p><b>Breakout #9</b>   Showroom <b>Theme:</b> Innovation &amp; productivity</p> <p><b>Utilising thinning resources from durable hardwood plantations in Victoria</b> <i>Jonathan Lambert, Heartwood Unlimited</i></p>	<p><b>Breakout #10</b>   Horizons <b>Theme:</b> Forest Health and biosecurity engagement and capacity building <b>Chair:</b> <i>Paco Tovar, AFPA</i></p> <p><b>Asia-Pacific engagement to improve forest health and biosecurity outcomes for Australian forests</b> <i>Simon Lawson, University of the Sunshine Coast</i></p> <p><b>A National Forest Biosecurity Training Package – towards flexible, coordinated stakeholder engagement</b> <i>Paco Tovar, Australian Forest Products Association</i></p> <p><b>Developing partnerships to protect country from forest biosecurity threats</b> <i>Geoff Pegg, DAFF &amp; Aj Perkins, DPI, NSW</i></p> <p><b>Forest Pest Management Research Consortium – an industry and research overview</b> <i>Sam Van Holsbeeck, University of the Sunshine Coast</i></p> <p><b>Forest health and biosecurity in a changing world</b> <i>Jodie Mason, Forest and Wood Products Australia</i></p>	<p><b>Breakout #11</b>   Bay <b>Theme:</b> Stakeholder, social and cultural values</p> <p><b>Social responsibility, why it matters? A review in the forestry sector</b> <i>Grace Villamor, Scion</i></p> <p><b>Forestry's social licence under review</b> <i>Don Carson, Forest Owners Association</i></p> <p><b>Forestry credentials under fire: How history, policy and climate change unravelled social licence</b> <i>Christopher Richards, New Zealand Institute of Forestry</i></p> <p><b>Social media and modern communication: Empowering sustainable forestry awareness amongst end-users</b> <i>Jonathan Tibbits, Responsible Wood</i></p>	<p><b>Breakout #12</b>   River <b>Theme:</b> Indigenous forestry panel <b>Moderator:</b> <i>Mila Bristow, Hort Innovation</i></p> <p><b>Opportunities and challenges for Indigenous forest livelihoods in the East Arnhem context</b> <i>Mark Annandale, Aluminium Stewardship Initiative</i> <i>Dallas Anson, Northern Territory Government,</i> <i>Michael Brand, Northern Territory Government</i> <i>Matt de Jongh, Responsible Wood</i> <i>Rob McGavin, QLD Department of Agriculture &amp; Fisheries</i> <i>Patricia Fitzsimons, Forest Stewardship Council</i></p>
11.30 – 11.50	<p><b>Estimating and ameliorating the hardwood yield gap through site specific management</b> <i>John McGrath, MFS</i></p>			
11.50 – 12.20	<p><b>Targeting mid-rotation fertiliser applications to improve the volume production of Queensland hybrid pine plantations</b> <i>John Senior, HQPlantations</i></p>			
12.20 – 12.40	<p><b>New advancements in fertiliser technology providing environmental and sustainable growth benefits for forestry</b> <i>Matt Thomas, E.E. Muir &amp; Sons</i></p>			
12.40	<b>Lunch</b>   Exhibition Hall			

13.40 – 14.00	<b>Breakout #13   Showroom</b> <b>Theme:</b> Harvesting & logistics  <b>Harvesting &amp; logistics</b> <i>Speaker TBC</i>	<b>Breakout #14   Horizons</b> <b>Theme:</b> Forest Health & biosecurity science  <b>Biological invasions in Australia's forests across space, time and the biosecurity continuum</b> <i>Helen Nahrung, University of the Sunshine Coast</i>  <b>The hunt for Queensland's "Red October": Cercospora Needle Blight Pseudocercospora pini-densiflorae</b> <i>Michael Ramsden, HQPlantations</i>  <b>Is a rogue nematode now controlling sirex wood wasp?</b> <i>Angus Carnegie, NSW DPI</i>  <b>Transformational technologies for forest pest and pathogen diagnostics</b> <i>Conrad Trollip, NSW DPI</i>  <b>Enhancing biological control of invasive Eucalyptus weevils in Australia's eucalypt plantations</b> <i>Andy Howe, University of the Sunshine Coast</i>	<b>Breakout #15   Bay</b> <b>Theme:</b> Farm forestry  <b>Title TBC</b> <i>Patrick Worms</i> <i>President, the International Union of Agroforestry</i>  <i>Speaker proudly supported by Brisbane Convention Centre and</i>   <b>National Farmers Federation</b> <i>Speaker TBC</i>  <b>Tree planting initiatives for supporting forest system and household needs in the Upper Mape area, Finschhafen District, Papua New Guinea</b> <i>Eko Maiguo, Bulolo University College</i>	<b>Breakout #16   River</b> <b>Theme:</b> Traditional owner partnerships & opportunities  <b>Ngā Maunga Whakahī o Kaipara's forest journey</b> <i>Malcolm Patterson, Ngā Maunga Whakahī o Kaipara Ngahere</i>  <b>Supporting diversified participation and partnerships with Aboriginal people in the management of NSW State Forests</b> <i>John Shipp, Robert Potter &amp; Les Kosez, Forestry Corporation of NSW</i>  <b>A partnership between FSC ANZ and Indigenous communities that recognises and showcases Indigenous land stewardship</b> <i>Patricia Fitzsimons, Forest Stewardship Council</i>  <b>Tikanga Maori and a circular bioeconomy</b> <i>Te Kapunga Dewes, Nga Pou a Tane</i>
14.00 – 14.20	<b>Work productivity review of new mechanical tree planting technologies</b> <i>Mohammad Ghaffariyan, University of the Sunshine Coast</i>			
14.20 – 14.40	<b>New innovations to support harvesting on steep slopes</b> <i>Rien Visser, University of Canterbury</i>			
14.40 – 15.00	<b>Barriers and challenges of the use of wood-based liquid biofuel in New Zealand: Perspectives from the transport industry sector</b> <i>Grace Villamor, Scion</i>			
15.00	<b>Afternoon Tea   Exhibition Hall</b>			
15.30 – 15.50	<b>Breakout #17   Showroom</b> <b>Theme:</b> Carbon and water  <b>What factors should be considered in the establishment of white cypress pine (<i>Callitris glaucophylla</i>) plantations in Queensland?</b> <i>Trinh Huynh, University of the Sunshine Coast</i>	<b>Breakout #18   Horizons</b> <b>Theme:</b> Genetics & predictive forestry  <b>Can different IML Resi tools or operators impact wood density predictions in southern pines?</b> <i>Vilius Gendvilas, University of the Sunshine Coast</i>	<b>Breakout #19   Bay</b> <b>Theme:</b> Farm forestry  <b>The business case for trees on farms</b> <i>Rod Keenan, University of Melbourne</i>	<b>Breakout #20   River</b> <b>Theme:</b> Forest tourism  <i>Proudly supported by</i>   <b>All I wanted was a coffee in the forest! Practical observations and insights from stakeholder engagements for two eco-tourism developments</b> <i>Monique Blason, ForestrySA</i>
15.50 – 16.10	<b>Tools for assessing and mitigating water quality risk from forest roads and timber harvesting</b>	<b>A new tree height model for cut-to-length <i>Pinus radiata</i> stems and its prediction error distribution</b>	<b>Achieving a richer forest integrated through the New Zealand farm landscape</b> <i>Peter Handford, Groundtruth</i>	<b>Guulabaa, Place of Koala, Cowarra State Forest</b>

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

## Tuesday 17 October 2023

Time				
08.30	<b>Arrival Tea &amp; Coffee</b>   Exhibition Hall			
09.00 – 10.30	<b>Plenary Session #3 &amp; Awards</b>   Showroom  <b>Plenary Panel: The future of forestry, carbon and natural capital</b> <i>Speakers' TBC</i>		Proudly supported by 	
10.30	<b>Morning Tea</b>   Exhibition Hall			
11.00 – 11.20	<b>Breakout #21</b>   Showroom <b>Theme:</b> Carbon  Proudly supported by 	<b>Breakout #22</b>   Horizons <b>Theme:</b> Fire & our future  <b>NZ forest fire management – Are we on the right track?</b> <i>Murray Dudfield, New Zealand Institute of Forestry</i>	<b>Breakout #23</b>   Bay <b>Theme:</b> Technology  <b>Forest change and climate change – How to monitor and manage new dynamics in forest growth and health</b> <i>Noemi Gardonyi, SKYLAB; Wolfgang Drexler, Green Triangle Forest Products</i>	<b>Breakout #24</b>   River <b>Theme:</b> Stakeholder engagement  <b>Community &amp; stakeholder engagement</b> <i>Speaker TBC</i>

	<b>Australian Carbon Markets – State of Play and implications for forest growers'</b> <i>Zoe Ryan, Climate Friendly</i>			
11.20 – 11.40	<b>The carbon state of New Zealand's forests</b> <i>Thomas Paul, Scion</i>	<b>Commercial trees, bushfire risk and cooperative action – How do we maximise fire management outcomes in a dynamic landscape?</b> <i>Anthony Walsh, Green Triangle Fire Alliance</i>	<b>Forest health surveillance using the innovative airborne ArborCam sensor and artificial intelligence</b> <i>Paul Barber, ArborCarbon</i>	
11.40 – 12.00	<b>Carbon – the development of a valuation standard in a world of many moving (and changing) parts</b> <i>Bruce Manley, NZ School of Forestry</i>	<b>Forest industry brigades – Protecting forestry assets and our communities</b> <i>Ruth Ryan, Waroo</i>	<b>Evaluating and operationalising new technologies through co-design approaches: An example with UAV pesticide spray applications in sensitive urban areas</b> <i>Andrea Grant, Scion</i>	<b>Building social license through effective stakeholder engagement</b> <i>Ross Garsden, BSI-ANZ</i>
12.00 – 12.20	<b>Revealing the carbon value of multiple-use forests</b> <i>Geoff Roberts, FLINTpro</i>	<b>Towards sustainable bushfire management for a remote settlement: A preliminary case study of community views, Mallacoota, Australia</b> <i>Helen Bull, obliqua</i>	<b>#digitalforests: Exploring the use of internet of things technology for sustainable forest management: A case study of Sustainable Timber Tasmania</b> <i>Shaun Suitor, Sustainable Timber Tasmania</i>	<b>Commencing the era of the Forest Dialogue for Australia</b> <i>Ewan Waller, Consultant</i>
12.20	<b>Lunch</b>   Exhibition Hall			
13.20 – 13.40	<b>Breakout #25</b>   Showroom <b>Theme:</b> Carbon & climate change  <i>Proudly supported by</i>  <b>Delivering Carbon Neutral 2030</b> <i>Margaret Jewell, Meat &amp; Livestock Australia</i>	<b>Breakout #26</b>   Horizons <b>Theme:</b> Fire detection  <b>A National Bushfire Intelligence Capability and the relevance to the protection of forest resources</b> <i>Glenn Newnham, CSIRO</i>	<b>Breakout #27</b>   Bay <b>Theme:</b> The benefits of trees on farms <b>Chair:</b> Daniel Mendham  <i>Proudly supported by</i>  <b>Identifying agroforestry assets from space using Google Earth Engine</b> <i>Stephen Stewart, CSIRO</i>	<b>Breakout #28</b>   River <b>Theme:</b> Stewardship & certification  <b>New Zealand Forest Stewardship Standards: Looking forward</b> <i>Craig Kenney, Forest Stewardship Council</i>
13.40 – 14.00	<b>Climate change adaptation behaviour of forest growers in New Zealand</b> <i>Grace Villamor, Scion</i>	<b>Installation, development and validation of a sensor network for real-time prediction of lightning ignitions</b> <i>Adam Leavesley, ACT Parks and Conservation Service</i>	<b>Quantifying biodiversity benefits of trees on farms – How much value do agroforestry plantings hold for biodiversity?</b> <i>Jacqueline England, CSIRO</i>	<b>Indonesia's timber legality and sustainability verification system: What can Australia learn?</b> <i>Depi Susilawati, Australian National University</i>
14.00 – 14.20	<b>Carbon balance of native forestry in key production regions in Australia</b> <i>Fabiano Ximenes, NSW DPI</i>	<b>Towards an integrated hi-tech solution to detect small fires</b> <i>Marta Yebra, Australian National University</i>	<b>Shelter benefits to pasture and livestock - outcomes from a global review of the literature</b> <i>Thomas Baker, University of Tasmania</i>	<b>Update on PEFC endorsement of the Responsible Wood Certification Scheme and transitioning to updated standards</b> <i>Simon Dorries, Responsible Wood</i>

14.20 – 14.40	<b>Climate change and Tasmanian production forests</b> <i>Angela Gardner, Forest Practices Authority</i>	<b>Ensemble fire spread modelling for community protection: A case study on K'Gari (Fraser Island)</b> <i>Anthony Power, University of the Sunshine Coast</i>	<b>Quantifying the carbon and wood production benefits from commercial shelterbelt plantings</b> <i>Jacqueline England, CSIRO</i>	<b>Overview of Responsible Wood certification and sustainable forest management</b> <i>Matt de Jongh, Responsible Wood</i>
14.40 – 15.00	<b>Helping Tasmania's Eucalyptus obliqua tall forests adapt to a warmer climate: An opportunity for forestry to shine?</b> <i>Tim Wardlaw, University of Tasmania</i>	<b>The Canadian WildFireSat mission: What are the lessons for Australia?</b> <i>Adam Leavesley, ACT Parks and Conservation Service</i>	<b>How much do society and farmers value trees? Results from willingness to pay surveys of residents and landholders</b> <i>Sorada Tapsuwan, CSIRO</i>  <b>Seeing the benefits for the trees: accounting for the multiple benefits of agroforestry</b> <i>Anthony O'Grady, CSIRO</i>  <b>Growing trees on farms to benefit farm productivity, profitability and resilience: How the Perennial Prosperity Project is making a difference</b> <i>Stephen Clarke &amp; Molly Marshall, Private Forests Tasmania</i>	<b>Biodiversity management – From maintaining to enhancing: How sustainable forest management certification underpins a long-term biodiversity improvement program</b> <i>David Bennett, PF Olsen</i>
15.00	<b>Afternoon Tea</b>   Exhibition Hall			
15.30 – 15.50	<b>Breakout #29</b>   Showroom <b>Theme:</b> Panel <b>Chair:</b> Diana Gibbs, Australian Forest Products Association  <b>Sustainable forestry, climate change benefits, and the bioeconomy: The key to achieving Australia's Net Zero by 2050 ambition</b>	<b>Breakout #30</b>   Horizons <b>Theme:</b> Monitoring & technology  <b>NOBURN: Bushfire research through citizen science</b> <i>Sam Van Holsbeeck, University of the Sunshine Coast</i>	<b>Breakout #31</b>   Bay <b>Theme:</b> Farm forestry & innovation  <i>Proudly supported by</i> <b>Private Forests Tasmania</b>  <b>Integrated farm forestry with Decision Tree</b> <i>Wendy Perdon, South West Timber Hub</i>	<b>Breakout #32</b>   River <b>Theme:</b> Community communication  <b>Gaining insight into complex issues from a Community Reference Group</b> <i>Stephanie Hunt, HQPlantations</i>
15.50 – 16.10	<i>Speakers' TBC</i>	<b>Measuring and promoting biodiversity in hardwood timber plantations: A regenerative forestry approach</b> <i>Sebastian Klein, wood4good</i>	<b>Best tree genetics – what's in it for small private forest growers?</b> <i>Kevin Harding, Forestry Australia</i>	
16.10 – 16.30		<b>Efficacy of drone-based thermography to detect arboreal fauna: Observations from Victorian Central Highlands</b> <i>Benjamin Wagner, University of Melbourne &amp; Alex Van Der Meer Simo, VicForests</i>	<b>Combining forestry and farming in landscapes that flourish</b> <i>Jonathan Lambert, Heartwood Limited</i>	



16.30 – 16.50		<b>Looking for and learning from birds in plantations: How structured bird monitoring is changing our perspective</b> <i>Keryn Herman, BirdLife Australia</i>	<b>Historic insights to inform the present and plan for the future in order to break cycles of inappropriate species selection</b> <i>Braden Jenkin, Sylvia Systems</i>	
16.50 – 17.30	<b>Closing Session</b>   Showroom  <b>Title TBC</b> <i>The Hon Joel Fitzgibbon</i>			
19.00 – 22.30	<b>Conference Dinner</b>   <b>Currumbin Wildlife Sanctuary</b> Coaches depart Twin Towns at 6.30pm			

## Wednesday 18 October 2023 | Field Trips

Time	
08.00 – 17.30	<p><b>Field Trip #1 – Recovery, Health and Country Management</b> 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><b>Field Trip #2 – Farm, Agroforestry and Family Business</b> 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><b>Field Trip #3 – Wood Products, Innovation and Arboretum</b> This wood products and innovation Field Trip will travel up to Brisbane and visit University of Queensland's Salisbury research facility to tour their engineered wood products testing facility. Come hear about innovative work from the researchers and learn about some of their exciting engineered wood projects. The trip will also visit Sherwood Arboretum to see the 'Discover our Trees' walk and the Foresters Grove.</p> <p><b>Field Trip #4 – Non-Wood Forest Products, Education and Research</b> 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-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.</p>

**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**

*Proudly supported by*



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.