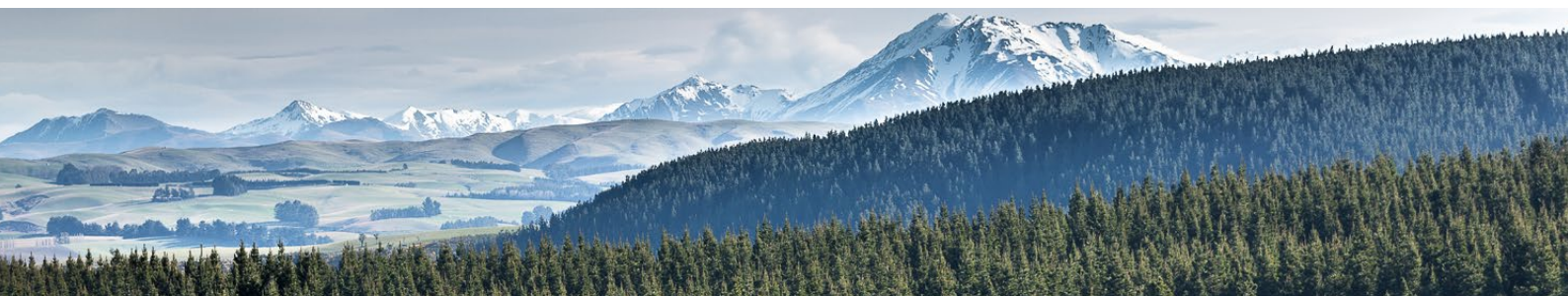


# Forest Growers Research Conference 2023

## MEETING THE CHALLENGE

Rydges Rotorua

September 12-14th 2023



### Day 1 – Tuesday, 12th September 2023

TIME ESTIMATE	TOPIC	PRESENTER
8:00am	Conference registration, tea/coffee	Amanda Brake
8:30am	<b>1. WELCOME AND OVERVIEW</b> Importance of Forestry to Rotorua Forest Growers Levy Trust and Forest Growers Research	Mayor Tania Tapsell Stephen Franks and Paul Adams
10:00am	Morning Tea	
10:30am	<b>2. FGR Research Programmes</b> 21st Century Tissue Culture Harvesting and Automation Specialty Wood Products Precision Silviculture and Data Management Panel session Q&A	<b>Chair: Ian Hinton</b> Russell Burton Keith Raymond Marco Lausberg Claire Stewart
12:00pm	Lunch	
1:00pm	<b>3. ENHANCING Forests through Adaptive Management</b> Timberlands – productivity 50 by 50 Radiata Pine Breeding Company Forest design to future-proof planted forests Planning for Resilient Forests Adaptive forest management Panel Session Q&A	<b>Chair: Elizabeth Heeg</b> John Moore Darrell O'Brien/Sai Arojju Yvette Dickinson Neil Cullen/Graham West Andrew Clarke
2:45pm	Afternoon Tea	
3:15pm	<b>4. PROTECTING Forests in an uncertain future</b> Tree Microbiome Research Forest Nursey Biosecurity Research Managing Red Needle Cast disease Current Forest Fire Research Environmental issues – research Panel Session Q&A	<b>Chair: Andrew Cridge</b> Simeon Smaill Darryl Herron Emily McLay Shana Gross Rachel Millar
5:00pm	Day 1 Closing comments	
7:00pm	Awards dinner, Guest Speaker	Roger Dennis Strategic Foresight Expert

## Day 2 – Wednesday, 13th September 2023

TIME ESTIMATE	TOPIC	PRESENTER
7:15am	Wahine in Forestry Breakfast	Erica Kinder/Elizabeth Heeg
<b>Welcome</b>		
9:00am	<b>5. SUPPORTING Research and Policy</b> Climate Emergency Science programme (TUR) Industry Transformation Plan (ITP) Protecting and Enhancing the Environment through Sustainable Forestry Forest research strategy in Australia (FWPA) Current challenges to forest management in Chile Panel Session Q&A	<b>Chair: Debbie Ward</b> Emily Telfer Joseph Murray-Cullen Julian Elder  Jodie Mason Horacio Bown
10:30am	Morning Tea	
11:00am	<b>6. ENHANCING Productivity and Diversity</b> NZDFI tree improvement Using AI to accelerate seedling grading Planting and Establishment Spatial surfaces and models describing growth and risk for exotic plantation species The forest bioeconomy Panel Session Q&A	<b>Chair: Henri Bailleres</b> Paul Millen Brian Russell Corrie Hoult Mike Watt  Brian McMath
12:30pm	Lunch	
1:30pm	<b>7. ENHANCING Harvesting and Recovery</b> Value Chain Optimisation Real-time thinning assessment tool Small grower harvesting technology Phytosanitary research Insights from operational forestry workshops Panel Session Q&A	<b>Chair: Evan Powell</b> Karen Bayne David Herries Jack Palmer Don Hammond Keith Raymond/Claire Stewart
3:00pm	Afternoon Tea	
3:30pm	<b>8. SUPPORTING Sustainable Forestry</b> Exploring the social responsibility efforts of NZ's forest industry Maori Forestry research aspirations New Diversified forestry proposal R&D – Enhancing and Protecting	<b>Chair : Brendan Gould</b> Grace Villamor Te Kapunga Dewes Russell Dale Paul Adams
4:45pm	Info on Field Trip tomorrow	

## Day 3 – Thursday, 14th September 2023

8:00am–5:00pm	<b>FIELD TRIP</b> Kaingaroa Forest Estate Hosted by Timberlands Limited <a href="http://www.tll.co.nz">www.tll.co.nz</a> Field demonstrations and discussions across various R&D programmes including : <ol style="list-style-type: none"> <li>1. Overview of Kaingaroa forest estate and Timberlands operations</li> <li>2. Murupara Log Yard – debarking, logistics, distribution</li> <li>3. Harvesting/Logistics – full stem vs cut-to-length systems</li> <li>4. Alternative plantation species – fast growing eucalypts, regimes, management</li> <li>5. Establishment silviculture – site preparation, weed control, planting technology</li> </ol>
<b>All day Field Trip</b> <b>Pick up &amp; Drop off at Rydges, Rotorua</b>  Don't forget Hard hats, sturdy footwear & hi-vis	