

# CONFERENCE PROGRAMME

## Monday 26 April

12.30pm–1.30pm	<b>Pre-Conference Tour Registration &amp; Light Lunch</b> >> Christchurch Convention Centre Foyer
1.30pm–8.30pm	<b>Pre-Conference Tour &amp; BBQ</b> 1.30pm–5.00pm <b>Bus Tour</b> Eiffelton Irrigation Scheme & Variable Rate Irrigation (Rangitata Holdings Ltd) 5.00pm–7.00pm <b>Tour BBQ</b> Longbeach Estate The bus tour will depart Longbeach Estate at 7.00pm, returning to Christchurch at approximately 8.30pm

## Tuesday 27 April

7.30am–5.30pm	Registration Desk Open >> Christchurch Convention Centre Foyer	
7.30am–8.30am	Welcome Coffee >> Expo Area	
8.30am–9.00am	<b>Conference Opening</b> >> Hall B	
9.00am–9.45am	<b>Keynote Presentation: Irrigation's Role in Providing Global Food Security</b> >> Hall B Julian Cribb FTSE, Julian Cribb & Associates (via videoconference link) Chair: Graeme Sutton <b>Proudly supported by Price Waterhouse Coopers</b>	
9.45am–10.30am	<b>Keynote Presentation: Irrigated Agriculture – NZ's Economic Future</b> >> Hall B Prof. Caroline Saunders, Director of Agribusiness and Economics Research Unit, Lincoln University Chair: Graeme Sutton <b>Proudly supported by Fonterra</b>	
10.30am–11.00am	Morning Tea >> Expo Area	
11.00am–12.30pm	<b>Water Management in Practice</b> >> Hall B <i>The Walla Walla Watershed Management Partnership, Washington, US</i> Edward Chvatal Jr, Vice Chair, Proudly supported by AGMARDT <i>The Canterbury Water Management Strategy – Is the End of the Tunnel in Sight?</i> Bede O'Malley, Mayor, Ashburton District Council <i>Developing the first Basin Plan</i> Dr. Sharon Davis, General Manager – Environmental Planning, Murray-Darling Basin Authority Chair: John Donkers <b>Proudly supported by PGG Wrightson</b>	
12.30pm–1.30pm	Lunch >> Expo Area <b>Proudly supported by Opus International Consultants</b>	
1.30pm–2.15pm	<b>Keynote Presentation: Rural Water Infrastructure – The Key to Future Proofing NZ's Primary Industries</b> >> Hall B Dr Terry Heiler Chair: Ian McIndoe <b>Proudly supported by MWH</b>	

2.15pm–3.45pm	<p><b>Developing Schemes: Creating Win-Win Infrastructure</b>          &gt;&gt; Hall B</p> <p><i>Multiple Use Scenarios – The Future of Successful Scheme Development?</i>          Murray King, Waimea Augmentation Society</p> <p><i>Leadership &amp; Governance of Community Schemes – Who Should Take the Role?</i>          John Donkers, Central Plains Water</p> <p><i>Managing Environmental Challenges</i>          Claire Mulcock, Mulgor Consulting Ltd</p> <p><i>Financing Multiple Use Scenarios – Who Pays?</i>          Stuart Ford, Agribusiness Group</p> <p>Chair: Ian McIndoe</p>	<p><b>Existing Schemes: Optimising Resource Potential</b>          &gt;&gt; Meeting Rooms 4 &amp; 5</p> <p><i>What are the Opportunities for Energy Potential in Irrigation Races?</i>          Natasha King, Meridian Energy</p> <p><i>Automation – The Key to Driving Efficiencies</i>          Tony Oakes, Rubicon Australia</p> <p><i>Pipes Versus Open Channel?</i>          Adrian Hynds, Hynds</p> <p><i>Lining Channels – Making Every Drop Count</i>          Vaughan Podbielski, Firestone Liners</p> <p>Chair: Mark Slee</p>	<p><b>On-Farm: Optimising System Performance</b>          &gt;&gt; Meeting Rooms 6 &amp; 7</p> <p><i>Practical Evaluation of Irrigation System Performance</i>          Dan Bloomer, Page Bloomer Associates</p> <p><i>Achieving Good Design</i>          Ian McIndoe, Aqualinc &amp; Stephen McNally, Opus</p> <p><i>Dated Irrigation Systems – Can They be Taught New Tricks?</i>          Gavin Briggs, Rainer Irrigation</p> <p><i>Is On-farm Storage the Answer – Does it Really Stack Up?</i>          Craig Scott, MWH</p> <p>Chair: Dr Lionel Hume</p>
3.45pm–4.15pm	<p>Afternoon Tea          &gt;&gt; Expo Area</p>		
4.15pm–5.45pm	<p><b>Managing Our Environmental Footprint</b>          &gt;&gt; Hall B</p> <p><i>Water Footprinting</i> Dr Brent Clothier, Science Group Leader, Plant &amp; Food Research  <i>Lincoln Dairy Unit Case Study</i> Prof. Keith Cameron, Head of Centre for Soil and Environmental Quality, Lincoln University</p> <p><i>Best Dairy Catchment – Waitaki Case Study</i> Dave Houlbrooke, Soil Scientist, AgResearch</p> <p><i>Managing Nutrient &amp; Water Use in the Horticultural Sector</i> Dr Steve Green, Soil Physicist, Plant &amp; Food Research</p> <p>Chair: Nicky Hyslop</p> <p><b>Proudly supported by Central Plains Water Ltd and its Consultants Buddle Findlay, GHD Limited and Convergence Communications</b></p>		
5.45pm–7.00pm	<p><b>The National Bank Networking Happy Hour</b>          &gt;&gt; Expo Area</p>		
7.00pm–late	<p><b>The Ballance Agri Nutrients Conference Dinner</b>          &gt;&gt; Hall B</p>		
<b>Wednesday 28 April</b>			
7.00am–5.00pm	<p>Registration Desk Open          &gt;&gt; Christchurch Convention Centre Foyer</p>		
7.00am–8.00am	<p>Welcome Coffee          &gt;&gt; Expo Area</p>		
8.00am–8.30am	<p><b>The PGG Wrightson Delegates' Breakfast</b>          &gt;&gt; Hall B</p>		
8.30am–9.15am	<p><b>Keynote Presentation: Establishing Trust – The Key to Successfully Managing Our Destiny</b>          &gt;&gt; Hall B</p> <p>Hon David Carter, Minister of Agriculture</p> <p>Chair: Graeme Sutton</p>		

9.15am–10.30am	<p><b>Panel Discussion: Can Everybody Win? – Designing A System For All</b>          &gt;&gt; Hall B  <i>Regulatory Needs</i> Christina Robb, Programme Manager Water and Land, Environment Canterbury  <i>Market Needs</i> Mike Butcher, Technical Manager, Pipfruit New Zealand  <i>Environmental Needs</i> Chris Todd, South Island Manager, Forest &amp; Bird  <i>Farm Business Needs – On-Farm &amp; Scheme Management</i> Conor English, Chief Executive Officer, Federated Farmers  <b>Proudly supported by Environment Canterbury</b></p> 		
10.30am–11.00am	<p>Morning Tea          &gt;&gt; Expo Area</p>		
11.00am–12.30pm	<p><b>Audited Self Management</b>          &gt;&gt; Hall B  <i>Developing Audited Self Management Systems</i> Andrew Curtis, Chief Executive, Irrigation New Zealand Inc  <i>Audited Self Management in the Opihi Catchment</i> Peter Scott, Chief Executive Officer &amp; Nicky Hyslop, Board Member, Opuha Water Ltd  <i>Audited Self Management in the Kakanui Catchment</i> Ray McNally, Chair &amp; Mike O'Connor, Past Chair, Kakanui Water User Group          Chair: Ian Mackenzie  <b>Proudly supported by FMG</b></p> 		
12.30pm–1.30pm	<p>Lunch          &gt;&gt; Expo Area  <b>Proudly supported by Opus International Consultants</b></p>		
1.30pm–2.15pm	<p><b>Keynote Presentation: Optimising Demand Management</b>          &gt;&gt; Hall B          Jesper Kjelds, Business Development Manager, DHI Denmark          Chair: Matt Ross  <b>Proudly supported by DHI</b></p> 		
2.15pm–2.45pm	<p>Afternoon Tea          &gt;&gt; Expo Area</p>		
2.45pm–4.15pm	<p><b>Zonal Management</b>          &gt;&gt; Hall B  <i>Reconfiguring Consents for Optimal Demand Management</i> John Bright, Aqualinc  <i>Establishing User Groups for Zonal Management</i> Bruce Corbett, Hawkes Bay Regional Council  <i>Water Brokerage and Trading in NSW Irrigation Management Tools</i> Tom Rooney, Water Find, Proudly Supported by AGMARDT  <i>Water Policy Management in a Global Context</i> Andrew Gregson, NSW Irrigators Council          Chair: Sue Scott</p>	<p><b>Irrigation Management Tools</b>          &gt;&gt; Meeting Rooms 6 &amp; 7  <i>Monitoring Climate – Which Variables Need Monitoring and How Do We Best Do This?</i> Denis Jamieson, NIWA  <i>Measuring Flows in Channels</i> James Christophers, Siemens  <i>Lysimeter Networks – A Useful Developing Tool for Irrigators?</i> Dr Anthony Davoren, HydroServices  <i>Remote Sensing</i> Kelvin Montago, CRC for Irrigation Futures          Chair: Dan Bloomer</p>	<p><b>Technologies for Optimal Demand Management</b>          &gt;&gt; Meeting Rooms 4 &amp; 5  <i>Automated Control Systems – The Way of the Future?</i> Jared Halstead, Waterforce &amp; Paul Andrews, Sentek  <i>Adding Value to Water Metering</i> Dr Blair Miller, KB Irrigation  <i>Developing Crop Models for Irrigation Scheduling</i> Rob Craigie, FAR  <i>Variable Rate Irrigation and EM38 Soil Moisture Mapping – The Next Step</i> Carolyn Hedley, Landcare Research &amp; Stu Bradbury, Precision Irrigation          Chair: Stephen McNally</p>
4.15pm–4.30pm	<p><b>Conference Closing</b>          &gt;&gt; Hall B</p>		