



## Water New Zealand Modelling Group Symposium

13-14 March 2019, CQ Hotel, Wellington

### PRELIMINARY PROGRAMME

#### Day One – Wednesday 13 March

8.30-9.00am	<b>Registrations / Welcome Tea and Coffee</b>
9.00am	<b>Welcome and Symposium Opening</b> <i>Vicki Koopal, Chair, Modelling Group</i>
9.15am	<b>Keynote Address</b> <i>Martin Osborne, WSP-OPUS &amp; CIWEM Urban Drainage Group</i>
10.00am	<b>Morning Tea</b>
10.30am	<b>Word from Sponsor – Jeff Booth Consulting Ltd</b>
10.45am	<b>Guest Speaker</b> Estimation of Peak Discharges in Flood or Tsunami Waves. <i>Alastair Barnett.</i>
11.15am	Growing Pains - the Western Water Story. <i>Dan Stevens, Beca and Heath Miles, Western Water.</i>
11.45am	Excellence in Water - A WWF Tunnel System for Toronto. <i>Tom Scott, Black &amp; Veatch.</i>
12.15pm	<b>Lunch</b>
1.15pm	<b>Word from Sponsor - DHI</b>
1.30pm	From data to model, taking it all for the NPS-UDC. <i>Cedric Papion, Stantec.</i>
2.00pm	Advancements in optical bathymetry techniques. <i>Wang Me, Land River Sea Consulting.</i>
2.30pm	Watercare Strategic Transformation Programme and Modelling. <i>Mike Dunstone and Brendon Harkness, Watercare.</i>
3.00pm	<b>Afternoon Tea</b>
3.30pm	<b>Field Trip</b>
4.00pm	Wellington Water long-term flow monitoring site at Wakefield Park, Berhampore, Wellington, hosted by Mott Macdonald. Bus transfer will be provided.
4.30pm	More information to follow.
5.00-6.00pm	<b>Networking Event at CQ Hotel</b>
6.30pm	<b>Dinner – Southern Cross Garden Bar Restaurant, 39 Abel Smith Street, Wellington</b>

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#### Day Two – Thursday 14 March

<b>8.30-9.00am</b>	<b>Welcome Tea &amp; Coffee</b>
9am	Day 2 Opening Comments
9.05am	<b>Keynote Address</b> <i>Nick Brown, Auckland Council</i>
9.45am	<b>Word from Sponsor – Hydraulic Analysis Limited</b>
<b>10.00am</b>	<b>Morning Tea</b>
10.30am	Developing the Wellington Interceptor Story Map. <i>Hywel Lewis, Wellington Water and Danny Curtis, Stantec.</i>
11am	Good relationship between operations and hydraulic modellers. <i>Zoran Pilipovic and Mike Dunstone, Watercare.</i>
11.30am	RM Clayton Water Reclamation Centre. <i>Tom Scott, Black &amp; Veatch.</i>
12pm	Optimising the Heathcote Catchment Storage. <i>Antoinette Tan, DHI.</i>
<b>12.30pm</b>	<b>Lunch</b>
1.15pm	<b>Modelling Group AGM</b>
1.30pm	Groundwater modelling for Landscape Scale Planning. <i>Armando Cesar R Braga, University of Waikato.</i>
2.00pm	Modelling Firefighters – Using your network model to keep people safe. <i>Ben Davies, Stantec, Dan Johnson, WSP-Opus and Iman Aghamohammadi, Wellington Water.</i>
2.30pm	HIRDS v4 - What is the impact on models and designs. <i>Rene van Lierop, Aurecon.</i>
<b>3.00pm</b>	<b>Afternoon Tea</b>
3.30pm	Projecting Growth for Modelling. <i>Mark Baker, Queenstown Lakes DC.</i>
4.00pm	Articulating Value in New Ways of Delivering Modelling Results. <i>Diana Galindo, Mott MacDonald.</i>
4.30pm	Flood Modelling of the Waiohine River, Wairarapa. <i>Matthew Gardner, Land River Sea Consulting.</i>
<b>5.00pm</b>	<b>Symposium Close</b>

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