

# Towards a Water Data Infrastructure for New Zealand

Workshop at University of Canterbury, Ernest Rutherford Science Centre, Rm ER 140

## Day 1: Tuesday April 10 – Monitoring and Mapping

### First Session: 9:00 to 10:30 Keynote Speeches

Opening remarks – Deputy Vice-Chancellor Ian Wright, University of Canterbury  
Dwane Young, USEPA, Washington, DC, *Water Data Infrastructure, a US Perspective*  
Alison Stringer, NZ Statistics and MfE, *New Zealand Context and Water Data Infrastructure*

### Break: 10:30 to 11AM

### Second Session: 11-12:30 Technical Presentations

Brent Watson, Horizons Regional Council, *Shifting Expectations, Enabling National Federated Infrastructure*  
Mark Rodgers, Hilltop, *Viewing and Analysis of Time Series Data Across a Federated Infrastructure*  
Alistair Ritchie, Landcare, *OGC Environmental Data Standards for Monitoring and Mapping*  
Byron Cochrane, LINZ, *ELFIE – An International Experiment and a New Zealand Twist*

### Lunch: 12:30 – 1:30

### Third Session: 1:30 -- 3PM

Lightning Talks by WATR 404/604 students  
Introduction of Questions for Discussion & Discussion Groups

### Break: 3-- 3:30PM

### Fourth Session: 3:30-4:30PM

Report Back From the Group Discussion and Technical Synthesis

### 4:30 -- 5:30 PM Reception

## Day 2: Wednesday April 11 – Modelling and Management

### First Session: 9:00 to 10:30 Keynote Speeches

Opening remarks  
Stefanie Rixecker, Environment Canterbury, David Maidment, University of Texas at Austin, *A Comprehensive Hydrological Model for the Canterbury Region*  
Te Maire Tau, University of Canterbury, *The Role of Cultural and Historical Data*

### Break: 10:30 to 11AM

### Second Session: 11-12:30 Technical Presentations

Céline Cattoën-Gilbert, NIWA, *A New Zealand Water Model and its Applications*  
Pat McLarin, Seequent, *Collaboration with 3D Groundwater Models*  
Scott Campbell, Eagle Technology, *Water in the Cloud: Web Mapping Supporting NZ Water Information*  
John Bright, Aqualinc, *Burying Your Head to see the Light - National Hydrological Modelling From a Groundwater Perspective*

### Lunch: 12:30 -- 1:30

### Third Session: 1:30 -- 3PM

Lightning Talks by WATR 404/604 students  
Introduction of Questions for Discussion & Discussion Groups

### Break: 3-- 3:30PM

### Fourth Session: 3:30-4:30PM

Report Back From the Group Discussion and Technical Synthesis