

# AUSTRALIAN WATER SECURITY & INFRASTRUCTURE SUMMIT

COLLABORATE TO EXPLORE TANGIBLE SOLUTIONS  
TO DROUGHT AND ENSURE THE FUTURE  
OF OUR WATER SECURITY

22 - 24 JULY 2020

NOVOTEL SYDNEY ON DARLING  
HARBOUR

## LEARN FROM



The Honourable  
**Melinda Pavey**  
Minister for Water



**Jim Bentley**  
Chief Executive  
Officer, Water



**Susan Law**  
Chief Executive  
Officer



**Neil Brennan**  
Chief Executive  
Officer



**James McTavish**  
NSW Cross Border  
Commissioner and NSW  
Regional Town Water  
Supply Coordinator



**Vicki Woodburn**  
Executive  
Director Science,  
Knowledge and  
Engagement



**Dominic King**  
Mayor



**Mark Simister**  
Head of Delivery  
Management



**Adam Sincok**  
Director, Urban Water  
and International  
Engagement, Water  
Division  
Department of  
Agriculture, Water &  
the Environment



**Bryce Wilde**  
Executive Director



**Jane Doolan**  
Commissioner



**Ian Wright**  
Senior Lecturer



**Reg Kidd**  
Mayor



**Stuart Khan**  
Professor



**Jackie Kruger**  
General Manager



**Geoffrey Smith**  
Healthy  
Waterways  
Program Leader



**Kristy McBain**  
Mayor



**Benoit Le Roy**  
Chief Executive  
Officer



## CONTACT US

Call +61 2 8239 9711  
Use Code - I

## EVENT PARTNER



## COLLABORATE FOR CHANGE

Water shortage remains a critical issue for Australian industries and communities. When threatened with climate change, increased severity of drought, fierce competition for resources, along with complex policy and regulation, how do we create a sustainable future?

With demand for water set to increase by 55% by 2050, we must work together to build and maintain systems that remain resilient in the face of extremes. We need to bridge the gap between the experts, decision-makers, industry professionals, and communities.

This event will bring together Australia's most influential industry, government and water experts to discuss the water crisis and how we can create water security and infrastructure for the long term. We will tackle this subject from all angles - at a policy level, and on the frontline, to discuss the challenges and solutions in practical, real-world terms.

- ▶ **Explore** tangible solutions to guarantee water security
- ▶ **Navigate** water policy and governance
- ▶ **Collaborate** and communicate for success
- ▶ **Secure** the future of Australian water

## WHAT OUR DELEGATES ARE SAYING

*“Very worthwhile and incredibly valuable. Liquid Learning is excellent. Really flawless, thank you.”*

*“I have found such great value in attending these two days out of the office. Such wonderful speakers I could relate to and found inspiring.”*

*“Liquid Learning is more than just another conference - they create an experience of growth and inspiration through real human connection. With a breadth of delegates, interesting session styles, quality content and exceptional venues, these events are a professional and personal investment with true reward.”*

## WHO WILL ATTEND?

Policymakers, scientific experts, environmental advocates, and leaders and decision-makers from government, NGOs and Australian industry, including:

- ▶ Federal Government
- ▶ State Government
- ▶ Local Government
- ▶ Emergency Services
- ▶ Utilities
- ▶ Agribusiness
- ▶ Mining
- ▶ Energy and Resources

## Book and Save

### RAPID ACTION

Save up to \$800  
Book before 3 March 2020

### VALUE PLUS

Save up to \$500  
Book before 8 April 2020

### SUPER SAVER

Save up to \$300  
Book before 15 May 2020

### EARLY BIRD

Save up to \$150  
Book before 19 June 2020

## LEVERAGING INFRASTRUCTURE PROJECTS TO ENSURE A SAFE AND SECURE WATER FUTURE

KEYNOTE

9:00 - 9:40

With drought bringing a steady decline in water availability in regional towns across Australia, infrastructure leverage is crucial to our survival. In light of the ongoing crisis, an \$87 million investment from the NSW government will ensure more than 30 urgent water infrastructure projects will be underway in drought-stricken communities. Melinda will share her integrated approach to water sustainability and infrastructure projects in regional NSW.

**The Honourable Melinda Pavey**

Minister for Water  
Parliament of NSW



## TESTING THE WATERS - RAMIFICATIONS FROM THE BARWON-DARLING WATER SHARING PLAN

CASE STUDY

9:40 - 10:20

The expansion of water extraction and drought is stretching sustainable diversion limits as competition intensifies. With nationwide restrictions and debates turning to the cultural and community impacts of water sharing, creating sustainable water sharing plans must be our priority.

**Bryce Wilde**

Executive Director  
Natural Resources Commission



## MORNING TEA

10:20 - 10:40

## WE'RE ALL IN THIS TOGETHER - PUBLIC/PRIVATE PARTNERING IS THE KEY TO ACHIEVING SUSTAINABLE AND AFFORDABLE WATER SECURITY

CASE STUDY

10:40 - 11:20

Governance lies at the heart of the water crisis, as it creates an environment where we must recognise the value of water and ensure collaboration between the private and public sectors. By recognising that the private sector is an indispensable partner in water management, we can put water security at the core of sustainable development.

**Jim Bentley**

Chief Executive Officer, Water  
Department of Planning,  
Industry & Environment



## COLLABORATION AS THE KEY TO BUILDING LONG TERM WATER SOLUTIONS DURING DROUGHT

PANEL

11:20 - 12:50

The impacts of water scarcity have evolved from being environment-centric to having adverse effects on the Australian economy. The ramifications of drought are being felt through all levels of government and have a direct, substantial impact on Australian industries.

Collaborative action between research, industry and government will create long term, sustainable water security. This diverse panel of experts will discuss what water security means for them, and how we can create a model for collective action.

**Stuart Khan**

Professor  
UNSW



**Jane Doolan**

Commissioner  
Productivity Commission



**Jackie Kruger**

General Manager

Leeton Shire Council



**James McTavish**

NSW Cross Border Commissioner &  
NSW Regional Town Water Supply Coordinator  
Department of Premier and Cabinet NSW



**Mark Simister**

Head of Delivery Management  
Sydney Water



## LUNCH

12:50 - 1:50

## CHALLENGES FOR WATER POLICY AND GOVERNANCE

EXPERT COMMENTARY

1:50 - 2:40

Climate change is having an impact on annual rainfall and rainfall distribution. So how can we act in the national interest to secure a sustainable future? James will examine how climate change affects standout water issues, and what we should do about it.

**James Horne**

Principal

James Horne and Associates

## NAVIGATING UNCHARTED WATERS - USING REVERSE

OSMOSIS (RO) FOR WATER SECURITY

CASE STUDY

2:40 - 3:35

Following level 5 water restrictions and record-breaking drought, Bellingen Shire Council had no other option than to explore emergency water supply options.

In this illuminating session, Bellingen's Mayor offers candid perspectives on the story, its impacts, and the strategies put in place to manage the situation. Dominic will discuss what it meant to move to 'severe' level water restrictions for the first time, the council's experience introducing desalination plants to ensure drinking supplies are maintained, and explore long term solutions to the water security crisis.

**Dominic King**

Mayor

Bellingen Shire Council



## AFTERNOON TEA

3:35 - 3:50

## WATER SECURITY FROM AN INTERNATIONAL PERSPECTIVE

EXPERT COMMENTARY - VIA VIDEO LINK

3:50 - 4:30

Following three consecutive years of extreme drought, the four million people of Cape Town faced 'Day Zero', the most extensive drought-induced municipal water failure in modern history. The city's contingency plan called for the entire population to collect water from 200 centralised water centres—a maximum of two-minute showers worth a day, per person.

Through a combination of water conservation and efficiency measures, smarter use of data, and engaging all corners of the economy, the city managed to avert the crisis, but the challenges persist.

Join Benoit Le Roy as he discusses what Australia can learn from Cape Town's past and steps to ensure water security for the future.

**Benoit Le Roy**

Chief Executive Officer

Water Shortage South Africa



## DRINKS & CANAPÉS

4:30 - 5:30

Continue to network while you enjoy complimentary refreshments.

## STRENGTHEN PARTNERSHIPS TO DRIVE A SUSTAINABLE WATER FUTURE

KEYNOTE 9:00 - 9:50



## COMMUNITY IMPACTS DURING THE WATER SECURITY CRISIS CASE STUDY 9:50 - 10:40

Historically low inflows and water shortages have confronted the Armidale Regional Council. In early 2020, it became clear Guyra water supplies were running out. The response was to develop a water pipeline project designed to lift water from Malpas Dam back up to the Guyra Water treatment plant, providing Guyra with a secure supply of water for the first time in its history. This engaging session will explore the challenges that come with extreme drought, as well as changing behaviour and managing the impacts of community cohesion.

**Susan Law**  
Chief Executive Officer  
Armidale Regional Council



## MORNING TEA 10:40 - 10:55

## FIRE AND WATER - ENSURING WATER SECURITY DURING THE BUSHFIRE CRISIS CASE STUDY 10:55 - 11:45

Under the NSW Safe and Secure Water Programme, Bega Valley is making concerted efforts to ensure water security for its residents. Through sound water management, Bega has bypassed water restrictions for the community, even through an extraordinary drought. However, 2020 has brought unprecedented challenges. How do you manage water when it is needed to defend your town against the worst bushfire season in living memory?

**Kristy McBain**  
Mayor  
Bega Valley Shire Council



## SECURING OUR WATER FUTURE - 2050 AND BEYOND PANEL 11:45 - 12:35

Australia's population will grow by 60% in the next 30 years. With an average daily water usage of 340L per person, demand will reach far beyond the capacity of water infrastructure and supply. Our panel of experts will examine how we will achieve water security throughout droughts and thrive in the Decade for Action.

**Ian Wright**  
Senior Lecturer  
University of Western Sydney



**Reg Kidd**  
Mayor  
Orange City Council



**Vicki Woodburn**  
Executive Director Science,  
Knowledge and Engagement  
Murray-Darling Basin Authority



**Adam Sincock**  
Director, Urban Water and International  
Engagement, Water Division  
Department of Agriculture,  
Water and the Environment

**Geoffrey Smith**  
Healthy Waterways Program Leader  
Blue Mountains City Council



## LUNCH 12:35 - 1:35

## WATER FOR LIFE - DEVELOPING WATER RESOURCES PLANNING CASE STUDY 1:35 - 2:25

Water security is an issue that touches our lives, our communities, and our economy in complex and unexpected ways. With drought conditions affecting everyday life and the wider community, the impacts of the water crisis on mental health are far-reaching. Hardship in recent years has shown how our climate impacts water management practice and delivery, along with community discourse.

Neil will share the progress with SEQ's Water for Life Programme, as well as the outcomes on community value, the economy, and mental health.

**Neil Brennan**  
Chief Executive Officer  
SEQ Water



## DROUGHT AND EMERGENCY MANAGEMENT TO LEAD COMMUNITIES THROUGH CRISES EXPERT COMMENTARY 2:25 - 3:15

Water scarcity threatens livelihoods, pressures communities on the brink, and bankrupts businesses - creating an economic and social crisis. So how do you create a sustainable future without a clear solution? David will provide you with tools to navigate community engagement and a shared-values based stakeholder management strategy. Develop dialogues with drought-ravaged communities, gain skills to lead communities and minimise adverse impacts on the community at large.

**David Nixon**  
Drought Management Specialist  
Nixon Clarity

## AFTERNOON TEA 3:15 - 3:30

## CONTINUE THE CONVERSATION - COLLABORATION AND LONG TERM WATER SUSTAINABILITY ROUNDTABLE 3:30 - 4:20

Our chair will bring together the themes and ideas, allowing you to revisit takeaways and implement tangible solutions moving forward in the water security crisis.

**David Ross**  
Director  
Phoenix Strategic Management



## PLUS TWO WORKSHOPS!

Plus two separately bookable interactive workshops before & after the event



# POST-SUMMIT WORKSHOP

24 JULY

## NAVIGATE SOCIAL AND COMMUNITY IMPACTS OF WATER SCARCITY AND DROUGHT

Several years of acute water shortage have highlighted Australia's increasing vulnerability to drought. The frequency, intensity and duration of droughts is increasing, stressing the need for robust adaptation strategies.

Statistical evidence shows drought has negative social and health impacts, and the effects on communities can be catastrophic. We must understand the challenges and influences on mental and physical health, work with communities to increase education, and shift habits under our changing environment.

This workshop will unlock the enabling potential of successful stakeholder communication and community engagement during water security and climate change. You will discover strategies to collaborate with stakeholders and the wider community, explore techniques to establish and embed new norms of behaviour and community relationships with water, plus establish a best practice model to minimise fallout during sustained drought.

### Drought dominoes - Understanding the ripple effect of drought on communities and stakeholders

- ▶ Understand the challenges, opportunities and emerging influences
- ▶ Identify the impacts on physical and mental health
- ▶ Increase social cohesion, community development and sustainability

### Build a stakeholder management or outrage management strategy

- ▶ Steps to establishing an outrage management program and strategy development
- ▶ Build and maintain a Social Licence to Operate (SLO)
- ▶ Embed your stakeholder communication action plan

### Establish and embed appropriate organisational behavioural adaptations

- ▶ Create new norms of behaviour using appropriate communication and education
- ▶ Shift established organisational, community and individual habits
- ▶ Support communities in current and future water security crises

### Water security and the community - 2050 and beyond

- ▶ Anticipate the challenges communities will face in the next five to ten years
- ▶ Facilitated discussion on what skills/traits are essential for effective drought management
- ▶ Contemplating the future of water security and the community

## EXPERT FACILITATOR

**David Ross**  
Director  
Phoenix Strategic Management

ALSO AVAILABLE

# 11<sup>TH</sup> WOMEN IN ENERGY & RESOURCES LEADERSHIP SUMMIT

Implement strategies to establish your leadership presence & emerge as a strong leader



28 APRIL - 1 MAY 2020

RADISSON BLU PLAZA HOTEL SYDNEY

# 8<sup>TH</sup> WOMEN IN OPERATIONS LEADERSHIP SUMMIT

Unlock your leadership capabilities to thrive in the dynamic & competitive modern workforce



10 - 13 MARCH 2020

INTERCONTINENTAL MELBOURNE THE RIALTO

## Registration Information

Organisation Name

Address Suburb State Postcode

Booking Contact Information

Title Full Name Position Email Phone

## Delegate Information

#	Title	Full Name or TBA	Position	Email	Attendance Date/s
1					<input type="checkbox"/> 22 & 23 <input type="checkbox"/> 24
2					<input type="checkbox"/> 22 & 23 <input type="checkbox"/> 24
3					<input type="checkbox"/> 22 & 23 <input type="checkbox"/> 24
4					<input type="checkbox"/> 22 & 23 <input type="checkbox"/> 24
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10					<input type="checkbox"/> 22 & 23 <input type="checkbox"/> 24

## Your Investment

Options (per person)	Rapid Action Rate Register and pay by 6 March	Value Plus Rate Register and pay by 8 April	Super Saver Rate Register and pay by 15 May	Early Bird Rate Register and pay by 19 June	Standard Rate
Qty					
3 Days	\$2695 + GST = (\$2964.50)	\$2995 + GST = (\$3294.50)	\$3195 + GST = (\$3514.50)	\$3345 + GST = (\$3679.50)	\$3495 + GST = (\$3844.50)
2 Days	\$1795 + GST = (\$1974.50)	\$2095 + GST = (\$2304.50)	\$2295 + GST = (\$2524.50)	\$2445 + GST = (\$2689.50)	\$2595 + GST = (\$2854.50)
1 Day Workshop	\$1395 + GST = (\$1534.50)	\$1495 + GST = (\$1644.50)	\$1595 + GST = (\$1754.50)	\$1695 + GST = (\$1864.50)	\$1795 + GST = (\$1974.50)
Discounted off standard rates :	<b>Save up to \$800</b>	<b>Save up to \$500</b>	<b>Save up to \$300</b>	<b>Save up to \$150</b>	All prices listed in Australian Dollars

<b>Group Discounts Available:</b>	<b>10% off Standard Rate</b> Team of 3 - 4	<b>15% off Standard Rate</b> Team of 5 - 7	<b>25% off Standard Rate</b> Team of 8 - 9	<b>30% off Standard Rate</b> Team of 10 +	<b>Partner Discount</b> Members of supporting organisations receive a special 10% discount off standard rates!	<b>TOTAL incl GST</b>
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**Conditions:** Group discounts apply for bookings made simultaneously. Only one discount applies. Group discounts apply to standard rates only. Group discounts are not applicable to Value Plus, Super Saver and Early Bird rates. Discounts cannot be applied retrospectively and must be claimed at the time of booking. Liquid Learning Group reserves the right to have sole discretion on an organisation's eligibility for discounts.

**Note:** Course materials, refreshments & lunches are included. Travel and accommodation are NOT included. Registration options are per person only.

## Payment Details

Payment is required prior to attending this event

- Credit Card
- Cheque (payable to Liquid Learning Group Pty Ltd)
- Electronic Funds Transfer
- Please invoice me:
- Purchase Order No. #

### Credit Card Details - Please charge my credit card for this registration:

Card Type  Visa  MasterCard  American Express

**Note: 2% surcharge applies to American Express payments**

Card Number                      Expiry  /

CVV    Full Name as on card

Cardholder's Contact Number

Signature

X

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Westpac Account Name: Liquid Learning Group Pty Ltd  
BSB: 032 002  
Account No: 407 273  
SWIFT Code: WPACAU2S

Amount

Please quote ref AWSI0720A - S and registrant name

## Authority

Authorising Manager's Details: This registration is invalid without a signature

Name Position Phone

Email Signature Date

Email this form to: [registration@liquidlearning.com.au](mailto:registration@liquidlearning.com.au) or Call us on: +61 2 8239 9711

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