

LANDSCAPE IRRIGATION CONFERENCE & EXHIBITION

Gold Coast Convention & Exhibition Centre 18th - 20th June 2019

Pocket Program

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PARTNER ORGANISATIONS

Conference & Exhibition Program



Tuesday 18 June			
7.30 ^{AM} - 9.00 ^{AM}	Networking Breakfast - Exhibition Hall		
$9.00^{AM} - 9.05^{AM}$	Acknowledgement of Country Bryan Ward, CEO I	rrigation Australia	
9.05 ^{AM} - 9.15 ^{AM}	Welcome and Introduction of Minister Andrew C	Ogden, Chairman Irrigation Australia	
9.15 ^{AM} - 9.30 ^{AM}	Minister's Address The Hon Mark Furner MP, Mini	ster for Agricultural Industry Development and Fisheries	
$9.30^{AM} - 9.35^{AM}$	Irrigation Australia Welcome Bryan Ward, CEO Ir	rigation Australia	
9.35 ^{AM} - 9.50 ^{AM}	Seqwater Presentation Neil Brennan, CEO Seqwater		
9.50 ^{AM} – 10.30 ^{AM}	IRRIGATING A CHANGING WORLD: How Our Choices for Planning, Designing, Constructing and Maintaining Landscapes can Lead to a New and Sustainable Story Costa Georgiadis, Host of ABC Gardening Australia		
10.30 ^{AM} - 11.00 ^{AM}	Morning Tea - Exhibition Hall		
11.00 ^{AM} - 12.30 ^{PM}	CASE STUDIES (BLUE ROOM) WORKSHOPS (GREEN ROOM)		
CHAIRPERSON	Carl Walters		
11.00 ^{AM} - 11.45 ^{AM}	Recycled Water Network Expansion Project KEVIN PAGE, CITY OF GOLD COAST This project will be rolled out in the next 2-3 years and will target the cities greenspace for irrigation with high quality recycled water	Irrigation Australia Training & Certification GEOFF HARVEY, IRRIGATION AUSTRALIA Irrigation Australia's training & certification grants you a point of difference in the marketplace. Attend this workshop to learn more about employment opportunities in the irrigation industry including certification.	

11.00 ^{AM} – 12.30 ^{PM}	CASE STUDIES (BLUE ROOM)	WORKSHOPS (GREEN ROOM)
CHAIRPERSON	Carl Walters	
11.45 ^{AM} – 12.15 ^{PM}	Centralised control system and smart irrigation project JACK REA, SUNSHINE COAST COUNCIL This is a major irrigation project that involves capturing asset data, condition rating, irrigation mapping and trialling CCS systems	Irrigation Australia Waterwise Program TRACY MARTIN, IRRIGATION AUSTRALIA This workshop is to explain how the programs operate and enable councils to determine if they could be adapted for their regions
12.30 ^{PM} - 1.30 ^{PM}	Lunch - Exhibition Hall	
1.30 ^{PM} - 3.00 ^{PM}	CASE STUDIES (BLUE ROOM)	WORKSHOPS (GREEN ROOM)
CHAIRPERSON	Les Olivieri	
1.30 ^{PM} - 2.15 ^{PM}	Growing cool cities - The role of irrigated green cover MARK SIEBENTRITT, SEED CONSULTING The cooling benefits of irrigated green space, especially living turf, and how this should inform future decisions about how we cool, and grow, our cities	1.30 ^{PM} − 2.30 ^{PM} Seqwater - Working together to respond to drought in SEQ DIMITY LYNAS, TEAM LEADER - WATER SECURITY PLANNING This workshop will discuss a range of irrigation water efficiency programs as well as seek feedback from irrigators on a suite of actions to improve water efficiency in SEQ
2.15 ^{PM} - 3.00 ^{PM}	The optimal approach for sports field irrigation systems DR. PAUL LAMBLE, PEAK WATER CONSULTING Comparing the performance, lifetime costs of ownership and qualitative playing surface outcomes for both design and construct and professionally designed irrigation systems	2.30 PM − 3.00 PM Irrigation Efficiency GEOFF HARVEY, IRRIGATION AUSTRALIA This workshop discusses the advantages of attending the 2 day irrigation efficiency course by Irrigation Australia

CONFERENCE PROGRAM TUESDAY 18th

3.00 ^{PM} - 3.30 ^{PM}	Afternoon Tea - Exhibition Hall	
3.30 ^{PM} - 5.00 ^{PM} CHAIRPERSON	CASE STUDIES (BLUE ROOM) Andres Jaramillo	WORKSHOPS (GREEN ROOM)
3.30 ^{PM} - 4.00 ^{PM}	The planning and the outcome of an irrigation project in a passive green space RICHARD DILENA, CITY OF GREATER GEELONG A project designed to use captured and stored rain water off the roof of buildings, supplemented by a potable water supply, to do the irrigation	Rainwater Harvesting MICHAEL SMIT, IRRIGATION AUSTRALIA The workshop will discuss the approved rainwater harvesting design guidelines, water quality research, permaculture, stormwater utilisation
4.00 ^{PM} – 4.30 ^{PM}	Shaping SEQ - An integrated approach of planning and management CHRIS TANNER, WATER SENSITIVE CITIES & UNIVERSITY OF QUEENSLAND The implementation actions at one or more of the State Priority Development Areas in Queensland with a focus on how these achieve liveability	Dial Before You Dig - Know What's Below ADRIAN WELLINGTON, DAMAGE PREVENTION OFFICER, DIAL BEFORE YOU DIG This Workshop will provide a concise understanding on the importance the service provides on safe excavation practices
4.30 ^{PM} – 5.00 ^{PM}	Landscape and sports turf irrigation design efficiency REX SULLINGS, AQUEDUCT CONSULTANCY Examines the outcomes of designing landscape and sports turf irrigation systems based on the time honored head to head principle	CHAIRPERSON: Les Olivieri CASE STUDY: Remote management of residential and commercial customers saves water and grows your business ANTHONY LONG, HYDRAWISE FOR HUNTER INDUSTRIES Utilising tools like the Hunter Hydrawise software provides management opportunities, the ability to increase business and services offered to customers and massive water savings for clients

6.30	''' - 9.30°
(S)	YOU DIG

Dial Before You Dig Conference Networking Dinner - Rooms 5 & 6, Gold Coast Convention & Exhibition Centre | Costa Georgiadis Presentation: Drip Feed and Solenoid Moments: My life until now in Controller Selections, Start Times, Run Times, Manual Overrides, Programs AND Seasonal Adjustment

Wednesday 1	9 June		
9.00 ^{AM} - 10.00 ^{AM}	CASE STUDIES (BLUE ROOM)	CASE STUDIES (GREEN ROOM)	
CHAIRPERSON	Chris Delphin	CHAIR: Bryan Ward	
9.00 ^{AM} - 10.00 ^{AM}	Value of irrigation assets specifications for councils SCOTT JOHNSTONE, HYDROPLAN This case study will look at a range of councils in NSW, QLD & NT that have adopted a master 'Irrigation Assets Specification Manual' and the value they derive from having robust irrigation standards in their toolbox	9.00 ^{AM} – 9.30 ^{AM} Smart urban irrigation project DAN MOSBAUER, CAIRNS REGIONAL COUNCIL This project involves conducting ground surveillance of 16 irrigated locations throughout Council. Providing data such as soil moisture, salinity and infiltration rates and allowing us to know where irrigation is needed, the duration of watering required and mitigating against nutrient leaching into the eco-system CHAIR: Bryan Ward 9.30 ^{AM} – 10.00 ^{AM} Water body management and water quality BEN WALSH, BIOREMEDY Presentation of three case studies about water quality of dams and theory of quality irrigation water	
10.00 ^{AM} - 10.30 ^{PM}	Manipulating hydraulic conductivity in order to improve soil health and structure for turf SUNDEEP BHATT, CHT AUSTRALIA PTY LTD Many turf growers and farmers are on the lookout for new ideas to overcome difficulties that have frustrated them for years. This session will discuss the innovations in chemistry that some farmers are using and many are now thinking about to help their business	WORKSHOP: 10.00 ^{AM} - 12.00 ^{PM} (2 HOUR WORKSHOP) Quality irrigation solutions for local government, industry & end users MODERATED BY PETER BRUECK (Irrigation Australia Certified participants attending will receive one CPD point in addition to the point for the conference attendance)	

CONFERENCE PROGRAM WEDNESDAY 19TH

10.30 AM - 11.00 AM Morning Tea - Exhibition Hall 11.00 AM - 12.30 PM CASE STUDIES (BLUE ROOM)	
CHAIRPERSON TBC WORKSHOP CONTINUES: 10.00™ − 12.00™ 11.00™ − 11.45™ Changing water demand through Garden Tune Up's (2 HOUR WORKSHOP) Quality irrigation solutions for local gover	
11.00 ^{AM} – 11.45 ^{AM} Changing water demand through Garden Tune Up's Quality irrigation solutions for local gover	
11.00 ^{AM} – 11.45 ^{AM} Changing water demand (2 HOUR WORKSHOP) through Garden Tune Up's Quality irrigation solutions for local gover	
JOEL SPRY, POWER WATER CORPORATION DARWIN The Darwin population uses more water than can be captured and supplied in the long term. With very high per capita water use, a growing population and unpredictable wet seasons consumption is becoming even less sustainable. industry & end users MODERATED BY PETER (Irrigation Australia Certified participants atten receive one CPD point in addition to the point for conference attendance)	BRUECK Iding will
CHAIRPERSON TBC CHAIR: Andrew Ogden	
Data-based decisions for irrigation management JOHN BUSSELL, SWAN SYSTEMS Combining accurate, local weather forecasts with data that most operations are automatically collecting daily can enable resource usage optimisation, water savings, better yields, reduced operational costs, and sound environmental stewardship CASE STUDY: 12.00 ^{PM} - 12.45 ^{PM} Value in irrigation monitoring and having an irrigation maintenance plan BJORN BAKER, HYDROPLAN An irrigation system that is poorly maintained result being wasted and not reaching its intended use. With Australia still in drought it has never been more imp keep irrigation systems well maintained in order to I wastage and to improve plant health through unifor efficient irrigation	th much of ortant to minimize
12.30 ^{PM} - 1.30 ^{PM} Lunch - Exhibition Hall	

1.30 ^{PM} - 3.00 ^{PM}	CASE STUDIES (BLUE ROOM)	CASE STUDIES (GREEN ROOM)
CHAIRPERSON	Bryan Ward	CHAIR: Geoff Harvey
1.30 ^{PM} – 2.15 ^{PM}	Big Leaf Wholesale Nursery KIERAN STUDDERS AND LEX MCMULLIN, NURSERY & GARDEN INDUSTRY QUEENSLAND Big Leaf Wholesale Nurseries is located at North Arm in the hinterland of the Sunshine Coast of Queensland, Australia, and is owned and operated by Greg & Jackie Phillpott and Kieran Studders, who are backed by a hard-working dynamic team of staff with many years of experience and a wealth of specialised knowledge	City of Parramatta environmental sustainability strategy IAN HASSELMAN, CITY OF PARRAMATTA We are trialling the use of new technologies such as real-time metering and sensors through a LoRaWAN network. Parramatta is also then looking at the future including climatic and population changes and growth
CHAIRPERSON	Andres Jaramillo	CHAIR: Geoff Hall
2.15 ^{PM} – 3.00 ^{PM}	Performance of sports grounds irrigation systems GEOFF CONNELLAN, G&M CONNELLAN CONSULTANTS Lessons from assessing 100 irrigation systems. The majority of these sites were sports grounds. The results of these evaluations highlight the importance of maintenance of irrigation systems, in particular, keeping rotors functioning in optimum condition	Mega Irrigation: Introduction to biotic pumping WILL MARKUS, DIRECTOR OF BLUE RING Agro-forestry, agro-ecology and technology to remediate severely damaged environments and restore ecological resilience to landscapes.
3.00 ^{PM} - 3.30 ^{PM}	Afternoon Tea - Exhibition Hall	

CONFERENCE PROGRAM WEDNESDAY 19TH AND THURSDAY 20TH

3.30 ^{PM} - 4.30 ^{PM}	CASE STUDIES (BLUE ROOM)	CASE STUDIES (GREEN ROOM)
CHAIRPERSON	Andrew Ogden	CHAIR: Bryan Ward
3.30 ^{PM} – 4.00 ^{PM}	The financial impact of installing an advanced irrigation system at a Turf Farm JONATAN BEN-TAL, RAIN BIRD AUSTRALIA Explore the cost saving components including, labour and water consumption and also the profit maximising components of uniformity and maximising yield	A day in the life of Sam Nickolls - Head Greenkeeper at St Andrew Anglican College PETER WHITE, SPORTS TURF ASSOCIATION QLD COMMITTEE St Andrew Anglican College is located in the leafy suburb of Perigean Springs on the Sunshine Coast of Queensland. The school has irrigated sports fields and landscape areas that are controlled ndependently by 3 irrigation controllers.
4.00 ^{PM} - 4.30 ^{PM}	Urban trees - Challenges in irrigating urban trees GEOFF CONNELLAN, G&M CONNELLAN CONSULTANTS Answers some of the key questions when considering the irrigation of trees	Davey heading into the future GEOFF HALL, DAVEY WATER PRODUCTS Smarten up your irrigation system with the Davey Monsoon IQ
4.30 ^{PM} - 4.45 ^{PM}	Closing remarks Bryan Ward, Irrigation Australia	

Thursday 20 June Field trips		
Field Trip 1	Field Trip 2	
8.30 ^{AM} Coach leaves GCCEC	8.30 ^{AM} Coach leaves GCCEC	
9.00 ^{AM} – 11.00 ^{AM} Rain Bird field trip – KOMBUMERRI PARK, GOLD COAST - TIM ROBERTSON, JAMIE HAMILTON AND DOMINIC MORAN Join our field trip for a visit to Kombumerri Park in the Gold Coast. We will be highlighting and demonstrating the Rain Bird 8005 Turf rotor and the IQ3 Central Control System. We will also take some time to demonstrate the NEW range of RVAN rotary nozzles for smaller radius applications	9.00 ^{AM} – 11.00 ^{AM} Metricon Stadium – Hunter Installation - Brett Peel, Turf Irrigation Services	

11.00 ^{AM} Coach departs for Canopy Wholesale Nursery	11.00 ^{AM} Coach departure for Westfield Coomera	
11.30 ^{AM} – 01.30 ^{PM} Canopy Wholesale Nursery, Gold Coast RYAN EATON, CANOPY WHOLESALE NURSERY & DARREN DODSON, TOTAL WATER SERVICES Canopy Wholesale Nursery have doubled the size of their nursery since 2015 with a sales increase of 400% and a water usage increase	11.45 ^{AM} – 01.00 ^{PM} Lunch at Westfield Coomera	
from 2015 levels of a modest 30%. While Canopy Wholesale Nursery is a modest nursery, they employee the best and latest technology, constructing the systems with an end game in mind, but on a project by project basis proving that you can be water efficient on a budget as long as you plan correctly	01.00 ^{PM} - 02.30 ^{PM} Westfield Coomera, Rain Bird Installation HOSTED BY SCOTT SMYTHE - SS IRRIGATION	
01.30 ^{PM} Coach departure for Bearded Dragon Boutique Hotel	02.30 ^{PM}	
01.45 ^{PM} - 02.30 ^{PM} Lunch at the Bearded Dragon Boutique Hotel	Coach departure for GCCEC	
02 30™ Coach departure for GCCEC		





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- Does the grower use environmentally sustainable business practices?
- ✓ Does the grower use and store agrochemicals appropriately?
- Mas the grower assessed their water use?
- Does the grower manage their WHS responsibilities?

In South East Queensland, we live in a climate of extremes.

Water efficiency should be what we do every day, not just when conditions are dry.

That's why Seqwater is working with industry and communities to prepare for the possibility of drought and other weather extremes.

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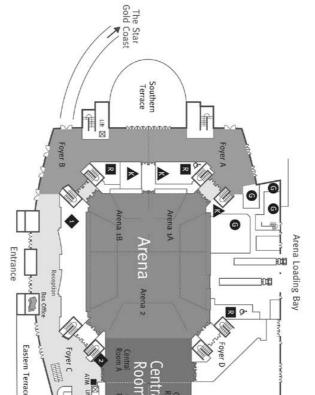
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Dial Before You Dig Conference Networking Dinner

Sponsored by:



Date: Tuesday 18th June

Special guest: Costa Georgiadis

Pre-dinner drinks: 6:30 PM - 7:00 PM

Dinner: 7:00 PM - 9:30 PM

Venue: Rooms 5 & 6, Gold Coast Convention & Exhibition Centre

Tickets: \$165 per person



Remember the 5Ps of Safe Excavation Before Breaking Ground





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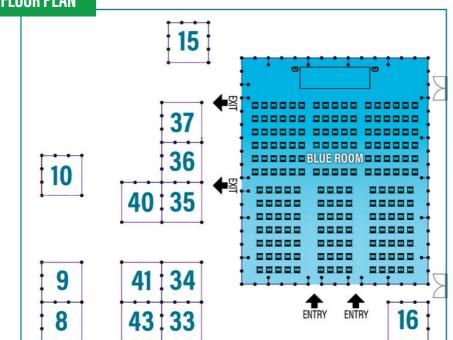
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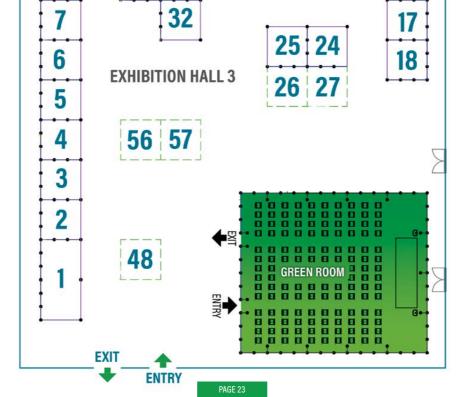
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EXHIBITION FLOOR PLAN





EXHIBITOR LISTING













Organisation	Booth	Website
AAP Industries	8	www.aapindustries.com.au
Baccara Geva Australia	16	www.baccara-geva.com
BioRemedy	2 & 3	www.bioremedy.com.au
Brown Brothers Engineers Australia P/L	43	www.brownbros.com.au
CHT Australia Pty Ltd	7	www.cht.com
Davey Water Products	56 & 57	www.davey.com.au













Organisation	Booth	Website
Dial Before You Dig	15	www.1100.com.au
ESS Earth Sciences	48	www.essearth.com
Great Plains Industries Australia (Flomec)	41	www.flomec.net
Hunter Industries	37	www.hunterindustries.com
HydroPlan	9	www.hydroplan.com.au
Hydrorock	17	www.hydrorock.com.au

EXHIBITOR LISTING













Organisation	Booth	Website
Irrigation Australia	1	www.irrigationaustralia.com.au
Landscape Queensland	33	www.landscapequeensland.com.au
Nursery & Garden Industry Australia	4	www.ngia.com.au
Philmac P/L	24 & 25	www.philamc.com.au
Plasson Australia	36	www.plasson.com.au
QTank	10	www.qtank.com.au

RAIN BIRD.













Organisation	Booth	Website
Rain Bird Australia Pty Ltd	32	www.rainbird.com.au
Reece Irrigation	35 & 40	www.reecegroup.com.au/irrigation
Sports Turf Australia	6	www.sportsturf.asn.au
SWAN Systems	18	www.swansystems.com.au
Total Water Services	34	www.totalwaterservices.com.au
Turf Australia	5	www.turfaustralia.com.au
Vermeer Equipment Holdings Pty Ltd	26 & 27	www.vermeer.com.au

GENERAL INFORMATION

Catering

All tea breaks and lunches will be served amongst the exhibition. Only attendees with Conference lanyards will be eligible for Conference catering. We recognise that some delegates may have special dietary requirements. For delegates with special dietary requirements, please make yourself known to the catering staff who will be able to assist.

Internet Access

There is wireless internet available for Conference delegates at the Gold Coast Convention and Exhibition Centre.

Connect to:

GCC Free and Paid Wi-Fi. Note that this service is capped at 200MB per device

Name Badges

It would be appreciated if delegates wear their Conference lanyards at all times during the Conference as this identifies them as eligible for catering and entry to conference sessions.

Registration Desk

The registration desk is located directly opposite the Hall 3 entry doors, on the ground floor of the Convention Centre, and will be open as follows:
Monday 17th June 13:00 to 17:00
Tuesday 18th June 06:30 to 17:00
Wednesday 19th June 08:00 to 17:00

All enquiries in relation to social events, program information, accommodation, general information and local advice may be directed to the registration desk.

Speakers' Preparation

All speakers are required to visit the Audio Visual team at the back of the

room they are presenting in and provide the technician with their PowerPoint slides on a USB at least two hours prior to the commencement of their presentation.

This area will be staffed by the Audio Visual team during the following times:

Tuesday 18th June 07:00 – 17:00 Wednesday 19th June 08:00 – 16:45

Certificate of Attendance

If you would like to receive a certificate of attendance for claiming CPD points, please email your request to landscapeirrigation@encanta.com.au after the conclusion of the Conference.

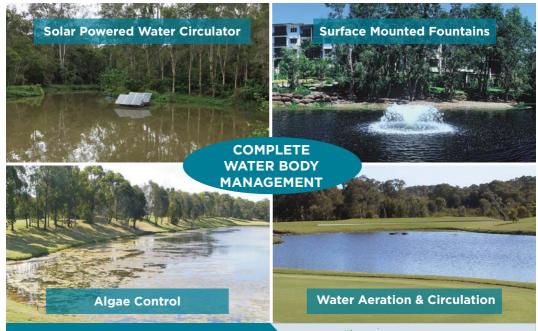
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