

AUSTRALIAN WATER AWARDS



Australian Water Award Sponsor

2018 National Award Finalists

Winners to be announced at Ozwater'18 Gala Dinner, Wednesday 9 May 2018 in Brisbane.

Research Innovation Award

- *ATUM: Advanced Tertiary Ultrafiltration Management, Allwater, SA Water and SUEZ (SA)*
- *Emerging Contaminants: Innovative Technology for Treatment and Removal, Arup (VIC)*
- *Enlarged Cotter Dam Fish Monitoring and Research, Icon Water (ACT)*
- *Implementation of the Anammox Process at Dardanup Butchering Company, Environmental Engineers International (WA)*
- *Purple Phototrophic Bacteria for Resource Recovery from Wastewater, The University of Queensland and CRC for Water Sensitive Cities (QLD)*
- *Success in Data Analytics – Sydney Water and Data61 Collaboration, Data61, CSIRO and Sydney Water (NSW)*

Program Innovation Award

- *Adelaide Services Alliance Advanced Customer Complaint Mapping Program, Allwater and SA Water (SA)*
- *Ballarat City Integrated Water Management Plan, Central Highlands Water, Department of Environment, Land, Water and Planning, E2Designlab & RMCG (VIC)*
- *Community Leak Program, Living Water Smart, Power & Water Corporation (NT)*
- *Cyanotoxin Based Recreational Water Quality Management Program, Seqwater (QLD)*
- *Kimberley Projects, Water Corporation (WA)*
- *System Blueprints Program, Sydney Water, AAJV: AECOM-Aurecon Joint Venture and ENSureJV: GHD-Jacobs Joint Venture (NSW)*

Infrastructure Project Innovation Award

- *Googong Township Integrated Water Cycle*, Stantec (NSW)
- *Kingaroy Wastewater Treatment Plant Upgrade*, Aquatec Maxcon and South Burnett Regional Council (QLD)
- *Mt Todd Discharge Plan*, GHD (NT)
- *Rottneet Island Wastewater Treatment Plant Upgrade*, Guidera O'Connor & Permeate Partners (WA)
- *Sundrop Farms Project*, John Holland Group (SA)
- *Using Optimisation Models for Sewer Investment Planning*, Icon Water and AECOM (ACT)
- *Warrnambool Roof Water Harvesting Project*, Wannon Water (VIC)

Student Water Prize

- *Defining risk-based odour buffer zones for Darwin's wastewater treatment facilities: odour dispersion modelling and field olfactometry* – Themelis Mousellis, Charles Darwin University (NT)
- *Identifying Critical Natural Resource Management Regions For Public Health* – Aparna Lal, Australian National University (ACT)
- *Investigation of Bore Condition Assessment Methodologies and Determination of Remaining Service Life* – Sean Ding, University of Western Australia & Water Corporation (WA)
- *Quantifying Wastewater Dewaterability for Improved Water Recycling* – Samuel Skinner, The University of Melbourne (VIC)
- *Robust Sensor Technologies Combined with Smart Predictive Analytics for Modelling Concrete Corrosion in Sewers* - Karthick Thiyagarajan, University of Technology Sydney (NSW)
- *Smart Monitoring for Microbial Risk Assessment* – Sarah Aucote, Flinders University (SA)
- *Understanding the ecological basis for human health risks associated with drinking water drawn from a sub-tropical freshwater catchment* – Adam Rose, CQUniversity (QLD)

Young Water Professional of the Year

- Adam Medlock, Operations Manager, Riverland Region, TRILITY (SA)
- Bianca Petrevski, Acting Senior Stakeholder Engagement Officer, Icon Water (ACT)
- Casey Magee, Senior Process Engineer, GHD (NSW)
- Isabel Caballero, Hydrodynamic Modeller, Tropical Water Solutions (NT)
- Katrin Doederer, Research Fellow, The University of Queensland (QLD)
- Priyani Madan, Water Consultant, Arup (VIC)
- Rebecca Sayles, Asset Strategy Engineer, TasWater (TAS)
- Renee Blandin, Environmental Hydrologist, Hyd2o (WA)



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Water Professional of the Year

- Ciara Sterling, Head of Community Inclusion, Yarra Valley Water (VIC)
- Colin Hester, Manager Commercial Water & Trade Waste, Queensland Urban Utilities (QLD)
- Daniel Lambert, Australasia Water Leader, Arup (NSW)
- Dr Raj Kurup, CEO, Environmental Engineers International (WA)

Water Industry Safety Excellence Award

- *FCD Skyhook Mark 4*, Fremantle Commercial Diving (WA)
- *Mental Health Initiative*, Icon Water (ACT)
- *North West Region Safety Leadership Framework*, Water Corporation (WA)
- *Under Bridge Inspection Unit modification*, Icon Water (ACT)



Category Sponsor

Australian Stockholm Junior Water Prize

- *Investigating the effectiveness of cyclodextrin as a basis for the development of a host molecule capable of removing polychlorinated biphenyls (PCBs) and other halogenated, endocrine disrupting, persistent organic pollutants (POPs) from contaminated water systems* - Ethan Bryant, Queensland Academy of Health Sciences (QLD)
- *NO₃ – Free: Low voltage, low current electro-reduction of aqueous nitrates via single cell electrolysis and subsequent observations of gas-particle phase equilibria* - Logan Howell, Don College (TAS)
- *Recycling Waste into Biochar: A sustainable wastewater filter and fertilizer for the agricultural industry* - Minh Nga Nguyen, Sydney Girls High School (NSW)
- *The Ultra Violet Clean Water Kit* - Lalli Kirby, Izzy Bennett, Tam Davies, Sandringham Secondary College (VIC)



Category Sponsor

Best Water e-Journal Paper - In honour of Guy Parker

- *Winner announced at Ozwater'18 Gala Dinner*



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