

STATE AWARDS HONOUR ROLL



Water Professional of the Year Award

- 2021 Dr Annette Davison, Risk Edge
- 2020 Grant Leslie, Balmoral Group Australia
- 2019 Kevin Young, Sydney Water
Highly Commended: Kurt Dahl, Permeate Partners
- 2018 Daniel Lambert, Arup
- 2017 Carmel Krogh OAM, Shoalhaven Water
- 2016 Dr Fang Chen, Data61

Young Water Professional of the Year Award

- 2022 Michael Cater, Hunter H2O
- 2021 Shannon Davies, AECOM
- 2020 Dr Tanja Rosenqvist, RMIT
Highly Commended - Jocelyn Ellero, SMEC
- 2019 Dr Yulia Shutova, AECOM
Highly Commended - Ronica Koey, Sydney Water
- 2018 Casey Magee, GHD
- 2017 Shona Fitzgerald, Sydney Water
- 2016 Kathryn Silvester, Sydney Water

Student Water Prize

- 2022 Huan Liu, University of Technology Sydney
A Closed-Loop Technology Benefits the Wastewater Treatment Plants Through Sludge Treatment
- 2021 Chris Skellern, The University of Sydney
- 2020 Alana Saliba, The University of Sydney
Optimisation of the Water System at Visy Paper Smithfield (VP3&6)
- 2019 Florence Choo, University of New South Wales
Real-time Monitoring of Cyanobacteria: Validation of Fluorometers as a Tool for Optimising Treatment Processes
- 2018 Karthick Thiyagarajan, University of Technology Sydney
Robust Sensor Technologies Combined with Smart Predictive Analytics for Modelling Concrete Corrosion in Sewers
- 2017 Kaitlyn Bell, Shoalhaven Water and the University of Wollongong
Development of a Performance Measuring Device for Improved Monitoring of Sewer Pump Stations

Infrastructure Project Innovation Award

- 2022 Regional: Gayini Nimmie-Caira Wetlands – *The Department of Planning, Industry and Environment*
Metro: IoT Wastewater Blockage Detection – *Sydney Water*
- 2021 Regional: A Water Quality Digital Revolution Partnership for Bathurst – *D2K Information & Bathurst Regional Council*
Metro: Geospatial Planning Tool – *Sydney Water, Arup, Aurecon & GHD*
- 2020 Project Gilghi: Modular Self Contained Solar WTP for Remote Indigenous Communities – *Aurecon and Ampcontrol*
- 2019 Green Square Stormwater Drainage Project – *City of Sydney and Sydney Water*
- 2018 Googong Township Integrated Water Cycle – *Stantec*
Highly Commended - Parkes Integrated Water Infrastructure Renewal Project – *Parkes Shire Council*
- 2017 Yamba Sewerage Augmentation - *Clarence Valley Council, Public Works Advisory and DPI Water*
- 2016 Treating high sugar wastewater – *BioGill Operations Pty Ltd & Ferrero Australia*

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R&D Excellence Award (previously known as the Research Innovation Award)

- 2022 Minimisation of Leaks and Breaks in Pipes with Innovative Integrated Deployment – *Sydney Water, University of Technology Sydney, Detection Services, Ovarro and WaterGroup*
- 2021 Development of Wastewater Epidemiology for NSW – Collaboration on SARS-CoV-2 Monitoring in Wastewater – *Sydney Water, WaterRA & Water Unit – NSW Health*
- 2020 Innovative Sensor Suites and Intelligent Robotics for Condition Assessment of Concrete Sewers – *University of Technology Sydney and Sydney Water*
- 2019 R2T2 Rapid Response Robot – For the Non-Destructive Inspection and Assessment of Critical Water Mains – *University of Technology Sydney and Sydney Water*
- 2018 Success in Data Analytics – *Sydney Water and Data61 Collaboration – Data61, CSIRO and Sydney Water*
- 2017 Better management of sewers – Exploiting Photonics Sensors Research through to its Introduction to the Water Industry, *Sydney Water, City University of London and Edinburgh Napier University*
- 2016 Advanced Condition Assessment and Pipe Failure Prediction Project - *Sydney Water*

Organisational Excellence Award (formerly Program Innovation Award)

- 2022 Sydney Water Innovation Festival - *Sydney Water and Isle Utilities*
- 2021 Global Challenge – Partnering to Invest, Influence and Tangibly Impact Sustainable Development Goal 6 – *Arup*
- 2020 Recycled Water for a Greener Parkes – *Parkes Shire Council*
- 2019 Energy Master Plan – *Sydney Water*
- 2018 System Blueprints Program – *Sydney Water, AAJV: AECOM-Aurecon Joint Venture, and ENSureJV: GHD-Jacobs Joint Venture*
- 2017 Keep wipes out of the pipes - *Sydney Water*
- 2016 Lake Macquarie Sports Field Improvement Program, *Lake Macquarie City Council*

Kamal Fernando Mentoring Award

- 2021 Dammika Vitanage, Asset and Infrastructure, *Sydney Water*
- 2020 Daniel Lambert, Australasia Water Leader, *Arup*
- 2019 Saravanamuth Vigneswaran, Director, Centre for Technologies in Water and Wastewater, The University of Technology Sydney
- 2017 Andrew Francis, Director Infrastructure, *Parkes Shire Council*
- 2016 Rita Henderson, *UNSW*

Roger Pettitt Award

- 2020 Ivan Reolon
- 2016 Will Strachan