

Excellence Awards 2014

Each year since 2002, the Institute of Public Works Engineering Australasia, Queensland Division Inc. (IPWEAQ) has presented Excellence Awards to encourage excellence in the innovation, development, completion and management of Local Government and public works projects. The 2014 Awards were presented at the IPWEAQ Excellence Awards Gala Dinner at the Caloundra Events Centre on Thursday 9 October 2014. They are sponsored by the Queensland Foundation of Public Works Engineering and the Queensland Water Directorate.

Overall Winner

Place+ Beerwah Public Domain Improvement Project, Sunshine Coast Council



The Place+ Beerwah Public Domain Improvement project was an extensive place-making and town centre revitalisation approach. The challenge

was to build high quality streetscape outcomes along with community capacity in growing their town in restoring economic and social vitality.

Projects Over \$10 MILLION - Winner - Moreton Bay Central Sports Complex AFL Precinct, Moreton Bay Regional Council

Moreton Bay Regional Council developed a benchmark sports facility with the most advanced AFL club level sports park delivered in the greater South East Queensland region in recent years. Smart building design and management systems with innovative site planning and the state of the art

sports ovals have ensured it is a user friendly facility that meets the needs of training through to elite level completion for AFL sports. The AFL precinct is ideally placed to meet developing community needs within a broader strategically planned open space network.

Projects \$1 – \$5 MILLION - Winner - Thargomindah Administration Building, Bulloo Shire Council & Brandon & Associates

Creation of a community building which houses Bulloo Shire council chambers, administration and supporting services, whilst establishing an interactive link to the

community. Situated at the corner Dowling & Gilmour Streets, Thargomindah, the design considered local natural surroundings, practicality and future flexibility.

Projects less than \$1 MILLION - Winner - The Benaraby Landfill Gas Project, Gladstone Regional Council

The Benaraby Landfill Gas Project (BLGP) captures and extracts the potentially harmful gas generated in the Benaraby Landfill and

combusts it in a state-of-the-art flare, thereby minimising the environmental risks and liability associated with landfill gas.

Projects less than \$1 MILLION - Highly Commended - D117 Kimberly Forest Scour Rectification Works, Logan City Council & BMD Urban

Emerging from residential development in steep bushland, the Kimberley Forest Scour created both environmental hazard and potential for future destabilisation of residences.

A collaborative design and construct project between Logan City Council and BMD Urban effected an engineered solution that also restored natural environment.

Asset Management Project Award - Winner - Open Space Landscape Infrastructure Manual, Sunshine Coast Council

The Open Space Landscape Infrastructure Manual (LIM) is a 'living' document that provides guidance to designers, project managers and

operation staff, during design, development and delivery of council controlled open space. It also assists with the maintenance of council assets.

Projects \$1 – \$5 MILLION - Highly Commended - Maroochy Beach Nourishment Project, Sunshine Coast Council



In late 2011, the Sunshine Coast Council undertook a feasibility study for the nourishment of Maroochy Beach using sand extracted from the lower Maroochy River. The objectives of the proposed works were to widen the beach in order to protect the adjacent shoreline

infrastructure assets (valued at \$25million) from storm erosion; provide for ongoing recreational and tourism opportunities (valued at \$88 million per year); and to allow the shoreline to respond to natural erosion events through the provision of a sand buffer.

Innovation Award - Winner - Burnett River Flood Gauge Mapping System, Bundaberg Regional Council

The Burnett River in Bundaberg reached its highest recorded flood level as a result of ex-tropical cyclone Oswald in January 2013. The Burnett River Flood Gauge Mapping System was released to the public December 2013

to complement the early flood warning system operated by the Bureau of Meteorology. The system was included as a key deliverable of Councils Floodplain Risk Management Study (FRMS) of the Burnett River.

Projects over \$10m - Winner - Desalination Plant Upgrade, Torres Strait Island Regional Council

The purpose of the project is to ensure a reliable water supply to six unique and remote communities in the Torres Strait. Commissioned by Torres Strait Island Regional Council (TSIRC), AECOM undertook sustainability investigations of water supplies, predominately desalination of seawater, throughout the Torres Strait. AECOM subsequently

project managed the delivery of upgraded facilities. This included development of a standard 70kL skid mounted "plug & play" unit to be utilised in parallel with similar units to provide supplies across the communities, upgraded treatment plant facilities and refurbished and new raw water intake structures, including sea water intakes and bores.

Projects \$1 – 5m - Winner - Cloncurry Water Treatment Plant Upgrade, Cloncurry Shire Council & Cardno BTO

Cloncurry Shire Council (CSC) required improvement in the quality and quantity of drinking water for the residents of Cloncurry. The Cardno

BTO managed upgrade of the Water Treatment Plant used an innovative approach to procurement, delivering a cost effective solution for CSC.

Projects less than \$1m - Winner - Biggenden Sewage Treatment Plant Upgrade Utilising Subsurface Rock Filtration, North Burnett Regional

The innovative rock filter installed during the overhaul of the 40 year old Biggenden Sewerage Treatment Plant has helped achieve environmental

compliance without the use of disinfection. Low operating costs have been maintained and major capital expenditure deferred indefinitely.

Engineer of the Year

Gerard Read

Gerard was brought up in Biloela. His primary work is Technical Coordinator services for 5 Regional Roads & Transport Groups – FNQ, NWQ, Bowen Basin, Rockhampton, and Gladstone. He also does some geotechnical consultancy work for a small firm in Cairns. Gerard's major interest outside work is horse racing – he has part owned quite a few in the last 15 years (most of them slow!). Gerard is a great contributor to IPWEA Queensland and a well deserved recipient.

President's Awards

Chris Hegarty

Chris spent almost 20 years at Rockhampton City Council including various roles in water and sewerage and development engineering, and now nine years with Cardno as a Senior Water Engineer. One of his proud achievements is in formulation and ongoing improvement of the Capricorn Municipal Development Guidelines – currently with six participating Councils and growing. Chris is an IPWEA Fellow, and a former IPWEA CQ Branch President. Chris has always been a strong contributor to IPWEA Queensland through his input and collaboration over many years and well deserves this President's Award.



Trevor Harvey

Trevor has been a long-term supporter of the IPWEAQ and has played a critical role in building the Water Directorate. As one of the longest standing members of the Directorate's technical steering group, Trevor was elected as Chair in 2013 helping to build and strengthen the Directorate during his term. Trevor was awarded Fellow status based on his contribution to IPWEAQ and the industry, and is most deserving of this prestigious category. The President's Award is made to recognise Trevor for his contribution to IPWEA and Queensland Water.



Patrick McGuire

Pat is a strong supporter of the Water Directorate, particularly in regional conferences and events. Water samples from his Saibai supply scheme have won regional taste tests. Pat regularly provides input to qldwater expert panels and is particularly active in staff skills development. Likewise, Pat has been a good contributor to IPWEAQ with input and comment, and has earned this award.

