



New South Wales

IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA

**CALL FOR AWARD
NOMINATIONS**

2019

STATE CONFERENCE

Wednesday 6th – Friday 8th November

Crowne Plaza Hunter Valley

ENGINEERING EXCELLENCE AWARDS

IPWEA's (NSW) annual Engineering Excellence Awards aspire to endorse and recognise excellence of Local Government and Public Works Projects. This is achieved through inspiration, innovation, collaboration, development and completion of projects and technical management by our Members. Each project nominated for an award showcases the individual as well as team ambitions to improve the local communities in which we reside. Give your team and project the recognition they deserve.

All Councils throughout NSW are encouraged to nominate projects and programs irrespective of size. No project is too small or too big for the Engineering Excellence Awards - so what are you waiting for?

Why should you enter?

There are numerous benefits to submitting a nomination for the IPWEA (NSW) Engineering Excellence Awards; we encourage you to nominate your projects and programs in 2019. Whilst you may feel that many of the projects you undertake throughout the year are 'mundane' or 'just routine' they may in fact be an exceptional model of industry best practice and deserve to be recognised. Our Excellence Awards may contribute towards a fellow Engineer, Works Officer or Road Safety Officer undertaking projects that might not happen otherwise. IPWEA provides the platform for you to exhibit your talent and hard work.

The benefits include:

- ✓ Award Winners will automatically be considered for the National Excellence Awards at the IPWEA National Conference 2021 in Adelaide.
- ✓ Recognition and exposure for your Organisation and Project Team.
- ✓ Recognition and inclusion in the Engineering Excellence Awards Booklet and on the IPWEA (NSW) website.
- ✓ Receipt of an Award Trophy.
- ✓ Recognition of your contribution towards your organisation through partaking in the Engineering Excellence Awards and Gala Event.
- ✓ The opportunity to present a paper on your project at the IPWEA (NSW) 2019 State Conference
- ✓ Opportunities to expand your network.

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I encourage the Canada Bay Team to participate in the IPWEA NSW Engineering Excellence Awards every year as a means of marketing Council's services to our Community as well as motivating, acknowledging and rewarding the many years of commitment our team has invested in the provision of world class standard services for our community.

There is a great number of dedicated hard working local government staff in Council's across NSW who deliver excellent outcomes for their communities year in and out. Let's shout out and recognise their commitment and success by participating in these awards.

Attending the Engineering Excellence Awards celebration evening with your team and seeing the teams efforts recognised by the industry is a huge thrill for everyone.

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Manager, City Assets Canada Bay Council

DATES TO NOTE	
Award Project Submissions due	Monday 1st July 2019
Inspections to be conducted	August/September 2019
Engineering Excellence Awards Gala Dinner	Thursday 7th November 2019

Projects nominated must have been completed between February 2017 and February 2019

For any further information, please contact Carina Jakobsen, Events & Operations Manager
P 02 8267 3006 **M** 04 7880 4773 **E** carina.jakobsen@ipwea.org

Eligibility

IPWEA (NSW) Members are invited to nominate people and projects in the categories listed on page four.

A nomination(s) must be endorsed by the Senior Divisional Manager/Department Head. Nominations may include planning, design, project management and process development/research, development of techniques or related innovations or achievements. Nominations may relate to a single engineering project or be part of a larger project or coordinated projects.

Nominations are judged on their merits and are not constrained by project size or council/organisation size. Award Winners will be announced at the Engineering Excellence Awards Gala Dinner on Thursday 7th November to be held at Crowne Plaza Hunter Valley as part of the IPWEA (NSW) 2019 State Conference. The Project Manager/Coordinator/Road Safety Officer must attend this event to potentially receive an award on the night.

A Project Manager may nominate the completion date as the date by which the brief was completed or the date by which the whole project was completed. These dates must be clearly defined and stated on the nomination form as they are most important in determining whether or not a nomination will be presented to the Judging Panel. If IPWEA (NSW) determines that the dates do not comply, the entrant will be advised at that stage. No project is too large or too small with consideration being given to the size and resources of the council/organisations and its staff.

Councils/organisations may submit any number of nominations across the categories.

The Judges have final discretion regarding the category in which an entry will be judged, but to assist the Judges, all entrants are requested to specify one preferred category for their nomination.

Besides from putting forward programs and projects, the Excellence Awards are the perfect opportunity to nominate and recognise inspirational, hardworking and passionate individuals in your organisation.

Category 9 is named after the late David Abbott, a dedicated engineer who mentored and inspired young engineers. This award is given to a Young IPWEA (NSW) member who has shown dedication in providing unceasing contribution in the delivery of public works excellence. Nominees for this category should be considered inspiring, an asset to their team, show unwavering commitment to the company and to the community as well as possess the qualities of a future innovative leader for tomorrow's generation.

The Public Works Leader Award is given to an IPWEA (NSW) Member who has shown leadership and commitment to their team, professional organisation and to their community. Nominees for this award should be a person who has proven skills, professionalism and knowledge that is seen as admirable, encouraging and inspiring to others. Nominees should be successful in cooperating with their team, people within their profession or from other professions in order to deliver public works that have prioritised their community's needs and enhanced the quality of life.

Judging Panels

Projects and programs nominated in categories 1, 2, 3, 4, 5, 6 and 8 will be inspected during August and September 2019 by the following panel:

- Metro Inspections: **Geoff Fowler** and **Karl Schimke**
- Regional Inspections: **Greg Moran** and **Wayne Cone**

Following the closing date for submissions, the IPWEA (NSW) Office will be in contact to arrange inspections. The Judges will meet the nominator at Council unless otherwise specified.

For nominators in category 7, Members of the IPWEA (NSW) Road Safety Panel will be remotely looking at and rating the projects:

- **Terry Winning**,
Director Winning Traffic Solutions
- **Paul Yannoulatos**,
Technical Director Taylor Thomson Whitting
- **David Niven**,
Group Manager – Major Projects, Fairfield City Council
- **Oleg Sannikov**,
Director TEF Consulting

For categories 9 and 10, telephone interviews will be conducted between July and August with both nominator and nominee.

Award Categories

Nominations will be judged in the following categories:

Category 1	Design and Construction of a Local Government/Public Works Project
	1A Projects less than \$500,000
	1B Projects greater than \$500,000 but less than \$5 million
	1C Projects greater than \$5 million (State Governments and Alliance Partners encouraged to participate)
Category 2	New or Improved Techniques including; Innovation and/or Introduction of Techniques or Outstanding Management Initiatives or Outstanding Achievement in Asset Management
Category 3	Innovation in Water Supply and Wastewater
Category 4	Workplace Health and Safety
Category 5	Excellence in Road Safety Engineering
Category 6	Environmental Enhancement Project or Initiative including Recovering, Recycling and Reusing
Category 7	Local Government Excellence in Road Safety
Category 8	Multi-Disciplinary Project Management
Category 9	The David Abbott Award (under 35)
Category 10	Public Works Leader of the Year

The Minister for Local Government's Award for Innovation in Local Government Engineering*

*In 2016 the Minister for Local Government's Award for Innovation in Local Government Engineering was introduced and has since been endorsed by the Minister for Local Government. Projects cannot be nominated in this category, however all nominated projects are eligible and potential winners of the Minister's Award.



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Judging Criteria:

- ✓ Submissions should be concise and professional however, judging will be on the merit of the project and not only of the submission
- ✓ The project should demonstrate the skills and professionalism inherent in local government and public works activities and clearly indicate the extent of involvement in the project by the IPWEA (NSW) member
- ✓ Submissions should be in sufficient detail to allow judges to fully comprehend the project prior to visiting the site or reviewing it as a panel
- ✓ It should add to the body of knowledge in either local government or public works activities
- ✓ It may be a new idea or technique or it may be the further development of an established methodology
- ✓ Where applicable, the project should demonstrate cooperation with others in the organisations and therefore be a total council/organisations project
- ✓ It should demonstrate cooperation and engagement with the community and an interpretation of community needs and aspirations as well as identifying the extent of community benefit e.g. local only, regional or potential wider community benefit and whether it is likely to be for the short, medium or long term
- ✓ An organisations capacity to tackle a project will be taken into account when comparing projects – as will the extent of involvement of the initiating organisation in carrying out the project. With an area such as road safety, a project should be able to indicate how council took ownership of the project
- ✓ How the project improves the amenity of the area such as new or improved public facilities and/or visual improvement to the built environment
- ✓ How and to what extent the project enhances the image of public works professionals in the community.

Additional Criteria (not applicable for category 1, 2 and 7)

CATEGORY 3

The Innovation in Water Supply and Wastewater Award seeks to recognise innovations in water supply and wastewater. Nominations must reflect efficiency and demonstrate a cost saving. Nominations must be made for any of the following types of projects involving water and/or waste water.

- Operations
- Maintenance
- Capital Works
- Management
- Design and/or construction

CATEGORY 4

The Workplace Health and Safety Award seeks to recognise outstanding achievement in the approach adopted during the project in any of the following areas;

- The basis of any WH&S Management Plan developed for this project
- During the project were there
 - any serious accidents?
 - lost work time?
- Were these accidents or lost time measured as part of the project performance?
- Are there any WH&S practices that evolved from this project that can be introduced
 - in future projects?
 - into any initiatives by SafeWork?

The Award also seeks to recognise new or improved Workplace Health and Safety initiatives, policies or procedures which can demonstrate significant reductions in lost time through injury and which can be beneficially replicated in their organisations.

CATEGORY 5

The following criteria should be followed;

- Raise the profile of road safety management among engineers in local government/public works
- Continue recognition of engineering contributions to road safety achievements
- Encourage implementation of road safety engineering programs
- Encourage adoption of road safety audit process (especially the focus on design audits)
- Reward innovation in engineering treatments that have road safety benefits
- Encourage evaluation/assessment to demonstrate road safety benefits

The judges will be cognisant of:

- Good applications of road safety engineering principles
- The establishment of sound policies, practices and procedures
- A high-level commitment/funding of road safety engineering approach, including links to council strategic plans
- Examples of demonstrable road safety benefits
- Examples of innovation in analysis, design, implementation leading to road safety benefits
- Modifications and/or improvements to practices to procedures (e.g. in design or traffic management) arising from road safety examinations and/or evaluation (e.g. what has been learnt from results of road safety audit programs)
- Examples of technology transfer of good road safety engineering practice, including promotion and training
- Recognition of needs of all road users (i.e. including elderly, pedestrians, cyclists)

Nominated projects should not be:

- Examples of standard treatments such as roundabouts, speed humps, guard rails etc.
- Traffic management initiatives without demonstrable road safety benefits
- Straightforward conduct of road safety audits on existing roads

CATEGORY 6

This category seeks to recognise environmental projects or initiatives that:

- Create or will lead to significant improvements to the natural environment
- Reverse or regenerate a degraded or degrading natural environment (land, air or water)
- Utilise waste or stormwater harvesting for beneficial reuse including drought proofing
- Utilise or encourage strong community involvement in environmental projects
- Show outstanding achievement in waste avoidance and resource recovery

- Introduce new or improve existing recycling schemes
- Recycle and reuse old buildings for new purposes (adaptive reuse)

Projects should display achievements in one (or more) of the following areas;

- Prevention/avoidance of waste
- Materials selection
- Recovery of resources
- Litter control and reduction
- Education/Training programs for project managers, supervisors, contractors and subcontractors
- Waste planning; either as part of an Environmental Management System or a Waste Management Plan

Information that needs to be included;

- Anticipated and actual amounts of waste (tonnes) which are avoided, reduced, reused or recycled
- Actual amounts of salvaged, recycled and/or recycled content materials purchased/used (tonnes)
- Any estimated cost savings
- Identification of any barriers that were overcome in completing this project
- Practices that have evolved from this project that will be carried over to future projects
- Reasons for undertaking a project of its type

CATEGORY 8

The Multi-Disciplinary Project Management award will be presented to a Project Manager who has successfully completed a project worth over \$500,000 within the past two years that involves 3 or more different disciplines, i.e. Architects, Landscape Architects, Electrical Engineers, Urban Designers, and Civil Engineers etc.

The award recognises the Project Manager who managed the project best integrating multi-disciplines through both the Design and Construction phases.

Judging criteria will include:

- Innovation
- Proof of successfully integrating the different disciplines to achieve a project of excellence that has a superior outcome than the contribution by any one individual discipline.
- Proof that the project was constructed at or close to “on time” and “on budget” or better.
- Proof of the process used to integrate the various disciplines by providing Project Management agendas, minutes, photos and any other evidence of close collaboration.

CATEGORY 9 - THE DAVID ABBOTT AWARD

This Award was created in memory of David Abbott, a dedicated Engineer who mentored and inspired young engineers. It is an award for an under 35 individual IPWEA NSW Member to recognise and encourage their continuing contribution in the delivery of public works excellence.

The key issues that the panel will consider are;

- Leadership
- Developing Relationships
- Character, Behaviour and Image
- Interpreting the Community Needs
- Use of sound engineering Practices and Principles
- Skill and Professionalism
- Articulation of Ideas
- Body of Knowledge
- Excellence in Public Works
- Industry Commitment
- Team Dynamics
- Cooperation with Others
- Innovation and Ingenuity
- Working within a Team Environment

A nomination shall be supported by a detailed description of achievements in the Public Works arena and a Supervisors/Managers reference (max 2000 words)

CATEGORY 10 - PUBLIC WORKS LEADER OF THE YEAR

This award has been created to recognise the performance of an individual IPWEA NSW Member for leadership in the delivery of public works excellence.

The key issues that the panel will consider are;

- Leadership (commitment, developing relationships and team dynamics)
- Skill and Professionalism (management of time, budgets, people and resources, character, behaviour and image)
- Body of Knowledge (knowledge transfer, advancing the cause of the public works profession and use of sound engineering practices and principles)
- Interpreting the Community Needs (quality of life benefits, enhanced amenity, environmental sustainability and conversation)
- Cooperation with Others (within the professions, within other professions, working within a team environment)
- Excellence in Public Works (innovation and originality, ingenuity and commitment to professional organisation)

A nomination shall be supported by a detailed description of achievements in the Public Works Leadership that are considered worthy for this award (max 2000 words)

How to Enter the 2019 Engineering Excellence Awards

Please fill out pages 8 to 14 electronically and return to the Events Team at IPWEA (NSW)

The electronic form can also be found on the IPWEA NSW website

A submission must contain the following and be maximum 10 pages:

- Contact details of nominator (name, role, address, telephone, mobile, email and membership ID)
- Contact details of contact person for the project inspection (name, role and mobile)
- IPWEA (NSW) Membership number
- Project name
- Preferred award category (only one)
- Project synopsis (max. 150 words)
- Names and brief biographies of participants responsible for project

- Endorsement by the Senior Divisional Manager/ Department Head
- Description of the project planning and development including the extent of involvement by IPWEA (NSW) member(s)
- Brief description of how the project achieved its objective(s)
- Listing of external related organisations involved, including community organisations and a brief description of their involvement/contribution to the project

Additional requirements:

- Media release of the project (min 100 words from the organisations prospective)
- Four colour photos of projects in jpeg format at 300dpi

**Please note that if the full submission form, media release and photos are not returned by the due date, the project will be excluded from the Engineering Excellence Awards 2019.*

ENGINEERING EXCELLENCE AWARDS 2019 NOMINATION FORM

Please complete and return this form to carina.jakobsen@ipwea.org before or on Monday 1st July 2019.

Nominator

Name IPWEA (NSW) Membership ID

Job Title

Organisation

Address Postcode

Phone Mobile

Email

Project Name

Completion and Operational Date of Project Award Category (only one)

For Inspection Purposes

GPS Location of Project

Travel Distance from Council Office to Site

Contact Person for Inspection

Name Job Title

Email Mobile

Synopsis

Endorsement by the Senior Divisional Manager/Department Head

Names and brief biographies of participants responsible for project

Description of the project planning and development including the extent of involvement by IPWEA (NSW) member(s)

Brief description of how the project achieved its objective(s)

Listing of external related organisations involved, including community organisations and a brief description of their involvement/contribution to the project

Media release of the project (min 100 words from the organisations prospective)

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