



New Zealand

IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA



**IPWEA NZ
NORTHERN SOUTH ISLAND
BRANCH MEETING
Tasman District Council**

Friday 21 February 2020

Agenda



8:45am	PICKUP AIRPORT (if sufficient numbers)	
9.00am	MEET & GREET WITH MORNING TEA (SPONSORED BY DOWNER)	Speaker
9.20am	Housekeeping	Mike Schruer, Utilities Manager, TDC
9:30am	Welcome + Northern South Island Branch Update	Hugh Blake-Manson, Branch Chair
PRESENTATIONS (30MIN EACH, PLUS Q&A)		
9:45am	Building Cycle infrastructure for all ages and abilities (AAA)	Peter Kortegast, WSP
10:15am	Emergency response and Managing Risk - Matiri Slip, Murchison	Brian McManus / Jamie McPherson, (TDC)
10:45am	Dealing with Growth – Richmond West Development	Dwayne Fletcher / Dugald Ley
11:15am	Addressing H&S issues – Takaka Resource Recovery Centre Upgrade	David Stephenson/Graham Poxon (TDC)
11:45am	Wastewater 1/1: Some Tools in the Toolbox	Graeme Fox/Jeff Cuthbertson (TDC)
12:20pm	Coordinate site visits	
12:30	LUNCH SPONSORED BY DOWNER (Heaphy Room, council offices (next to council chambers)	
1:30pm	FIELD VISITS - TRANSPORT SPONSORED BY WSP	
1:30 - 3:30pm (two groups)	<ol style="list-style-type: none"> Richmond RRC – Alchemy - Optical Sorting of Recyclables <i>David Stephenson (TDC) (Group 1: 1:30pm, Group 2: 2:30pm)</i> Bourke Creek – environmentally sensitive stormwater design – <i>Alistair Stevens (TDC)</i> & Berryfield – building for growth– <i>Dwayne Fletcher (TDC) (Group two will view #2 above first.)</i> 	PPE required for field trip - BYO: <ul style="list-style-type: none"> Boots Hi-Vis vest or jacket Hard Hat
3:30pm	Depart for airport	

GENEROUSLY SPONSORED BY



About IPWEA NZ

The Institute of Public Works Engineering New Zealand (IPWEA NZ) is the NZ division of IPWEA Australasia.



Our vision: Leaders in engineering and asset management for sustainable communities.



Our mission: to uphold and improve the status of engineering and asset management in New Zealand.

Our members are involved with Public Asset Engineering and Management including: Infrastructure owners consultants, contractors, and suppliers.

Our remit covers local and central government infrastructure.

We offer different membership options to support your involvement in the public works engineering community.

We are trusted advisors to central and local government.

We provide the industry with a vital network, best practice professional development tools, training and events.

We work with our four entities to promote excellence in integrated asset management and engineering.

Together, let's build affordable and sustainable communities for the benefit of all New Zealanders.



Myles Lind
President



Peter Higgs
Business Manager



Jacqui Carroll
Office Manager



Jodie O'Doherty
Training & Events Manager



Freda Wells
Marketing Manager

We are here to serve you, our members, and to:
inform... connect... represent... lead...

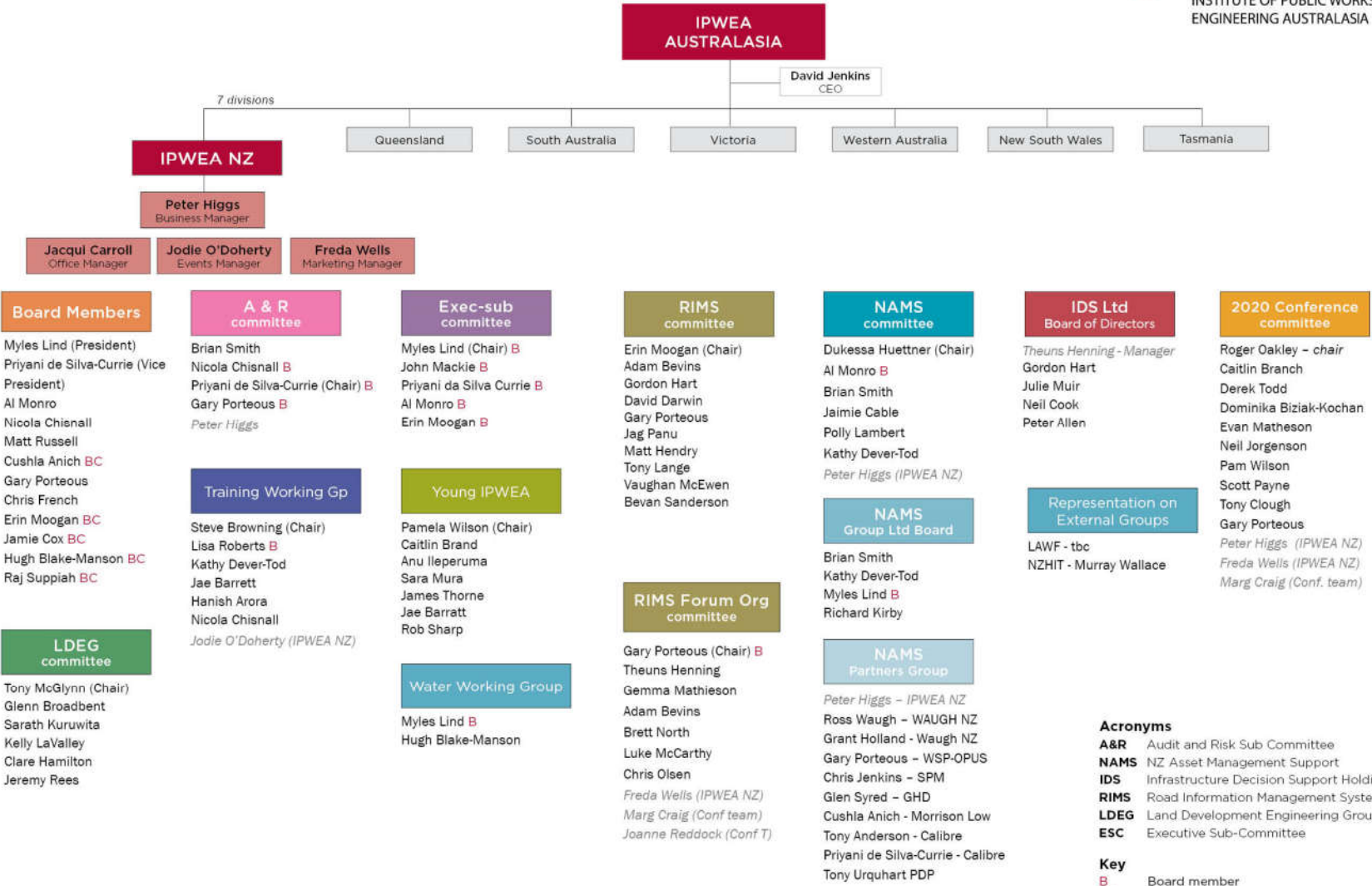
IPWEA NZ Team

IPWEA - ORGANISATIONAL CHART

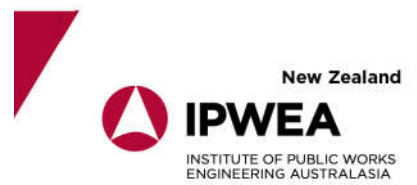


IPWEA NZ Staff

IPWEA NZ Entities



- Acronyms**
- A&R** Audit and Risk Sub Committee
 - NAMS** NZ Asset Management Support
 - IDS** Infrastructure Decision Support Holdings
 - RIMS** Road Information Management Systems
 - LDEG** Land Development Engineering Group
 - ESC** Executive Sub-Committee
- Key**
- B** Board member
 - BC** Branch Chairperson
 - S** Support Staff (IPWEA)





Developing leaders for tomorrow



Expand your mind, your network, your opportunities

Be a part of the most influential group of young public works professionals in Australia and New Zealand.

Young IPWEA is a new networking group of the Institute of Public Works Engineering Australasia. It has been formed to develop the next generation of leaders in our rapidly changing sector.

WE AIM TO GROW THE SKILLS, CONFIDENCE, COMPETENCE AND INFLUENCE OF YOUNG PUBLIC WORKS PROFESSIONALS, THROUGH:

- networking events
- mentoring programs
- online forums
- committee meetings, and
- direct access to your IPWEA representatives.



INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA

6

REASONS TO JOIN YOUNG IPWEA:

1. ACCESS TO KNOWLEDGE AND EXPERTISE FROM HIGHLY-REGARDED PROFESSIONALS
2. EXPOSURE TO DIFFERENT WORK EXPERIENCES, PROJECTS AND SKILL SETS
3. MENTORING OPPORTUNITIES
4. A FORUM TO ASK QUESTIONS OF MORE EXPERIENCED PROFESSIONALS OUTSIDE OF YOUR WORKPLACE
5. A UNIQUE CHANCE TO CONTRIBUTE TO THE POLICY AND DIRECTION OF IPWEA
6. A STRONG VOICE IN THE ADVANCEMENT OF PUBLIC WORKS PROFESSIONALS IN AUSTRALIA.



YIPWEA NZ Chair Pamela Wilson Water Engineer, Calibre Pam.Wilson@calibregroup.com

About YIPWEA



Membership Benefits

1. FREE INSPIRATIONAL EVENTS
2. PROFESSIONAL DEVELOPMENT
3. INDUSTRY RECOGNITION AND PRESTIGE & INDUSTRY AWARDS
4. INFLUENCE THE INDUSTRY
5. A STRONGER VOICE IN GOVERNMENT
6. ACCESS THE LATEST NEWS, RESEARCH & BEST PRACTICE
7. SPECIAL INTEREST GROUPS AND COMMUNITIES OF PRACTICE

Access to specialised knowledge, resources, events and support with the following groups, which are all supported by IPWEA NZ:

- Annual fora through our specific interest groups and entities;
- **LDEG** (Land Development Engineers Group)
- **IDS** (Infrastructure Decision Support)
- **RIMS** (Roading Information Management Support)
- **NAMS** (National Asset Management Support)

8. CAREER SUPPORT AND ADVANCEMENT
9. INSPIRE MAGAZINE AND FORTNIGHTLY E-NEWS
10. ONLINE LIBRARIES AND RESOURCES
11. 10% discount on all training

Our vision is to be leaders in engineering and asset management for sustainable communities for the benefit of all New Zealanders.

JOIN TODAY

\$320/pa +GST

U35: \$215/pa +GST

www.ipwea.org/nz



IPWEA NZ Excellence Awards

These provide an opportunity for public works practitioners to showcase the great work they do, prove they are delivering value to ratepayers, and receive recognition in the industry and New Zealand at large.

Always a brilliant evening at conference, the Annual Awards also are great for staff morale, and enhancing the reputation of your organisation.



Access our Infrastructure Jobs website:
Hoopla jobs

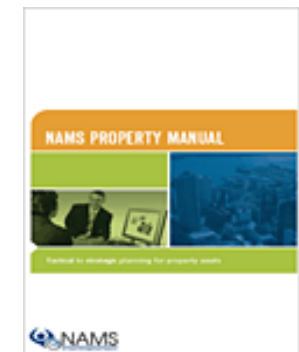
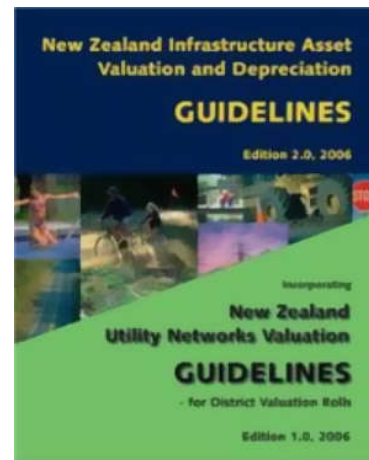
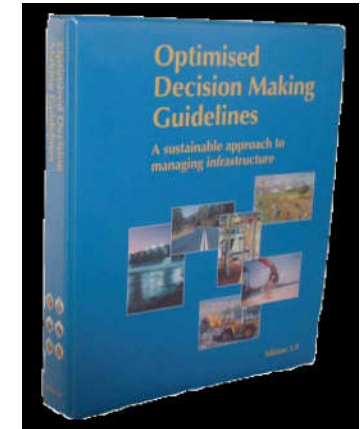
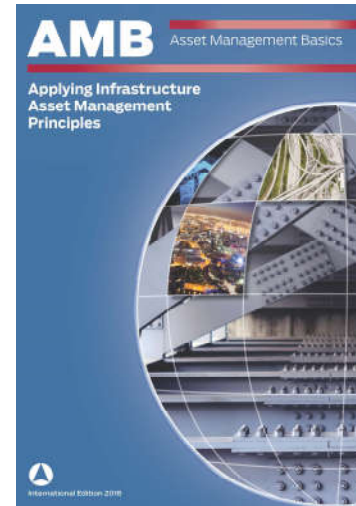
One-stop job shop for infrastructure professionals **www.hoopla4jobs.com**

Membership benefits



IPWEA NZ PUBLICATIONS

Together with our expert
NAMS Partners, we
develop relevant industry
best practice guidelines
In Asset Management
and Infrastructure



New Zealand



IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA

IPWEA Digital Badging

Build your asset management career, online

The future of learning is here, engineered to fit into your life.

Gain industry-recognised microcredentials online: anytime, anywhere.



IPWEA NZ Digital Badging

Digital Badges are online microcredentials designed to be an effective pathway into a career in asset management.

Course Format

IPWEA NZ Digital Badges are entirely online, including videos, live Q&A's, access to discussions groups and access to optional online chat with other course participants. The badges are designed to take 2-4 hours, with progress saved so you can come back to them anytime.

AM101 - Introduction to Asset Management *(available March, April and May)*

In line with the IIMM framework and AM Basics handbook, this course introduces asset management principles and key concepts, giving a solid foundation of knowledge about what Asset Management is and why we practice it.

AM 202 - Understanding Requirements *(available 1 – 30 April)*

This badge uses section 2: Understanding requirements of the IIMM framework and AM Basics handbook to enable Asset Managers to understand what services the infrastructure assets they manage should deliver. This badge provides learners with an understanding of how the strategic context they are operating influences asset management.

AM 203 - Lifecycle Planning *(available 1 – 31 May)*

This badge uses section 3: Lifecycle Planning of the IIMM framework and AM Basics handbook to enable Asset Managers to manage infrastructure assets effectively through their lifecycle.

AM204 – coming soon

Any questions please contact IPWEA NZ's Training and Events Manager, Jodie O'Doherty at: training.nz@ipwea.org



ASSET MANAGEMENT

Understanding Asset Management

Hamilton: 25 February | Palmerston North: 9 June

Writing, Living & Updating Asset Management Plans

Hamilton: 26 February | Palmerston North: 20 March |

Chch: 30 April

Developing & Reviewing Levels of Service Measures

Palmerston North – 19 March

Asset Management for Parks and Open Spaces

Christchurch – 26 March

Assessing and Improving Asset Management Maturity

Christchurch: 29 April

Traffic Monitoring

Rotorua: 13 May

Advanced Asset Management for Parks and Community Facilities

Wellington: 19 May

Making Effective Infrastructure Decisions

Christchurch: 19 May

DIGITAL BADGES – ONLINE LEARNING

AM 101: Introduction to Asset Management

Online: 1 - 31 March

AM 202: Understanding Requirements

Online: 1 - 30 April

AM 303: Lifecycle Planning

Online: 1 - 31 March

IPWEA NZ - Supporting your development

UPCOMING TRAINING + FEATURE

DIGITAL
BADGING

CONTRACT
MANAGEMENT

ASSET
MANAGEMENT

SOFT
SKILLS

CONTRACT MANAGEMENT

Engineer's Representative and Contractor's Representative (2 days)

Tauranga: 25 February | Rotorua: 19 May

Engineer to the Contract (2 days)

Christchurch: 10 March

NZS 3910: Construction Claims – Ideas for their Preparation and Response

Auckland: 28 April

NZS 3910: Delay, Disruption and Extensions of Time

Auckland: 29 April

LEADERSHIP & RESILIENCE

Mental Skills for Success

Christchurch – 1 April

Emotional Agility

Palmerston North - 12 May

More online, [click here](#) to view the full calendar of events & training now

**IPWEA NZ members receive 10% discount on all training.
Register now at www.ipwea.org/nz**



**ROAD INFRASTRUCTURE
MANAGEMENT FORUM**
25-26 MAR 2020
NAPIER CONFERENCE CENTRE



Road Infrastructure Management Forum

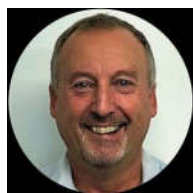
25-26 March 2020, Napier

Road Infrastructure Management (RIMS), Infrastructure Decision Support (IDS), New Zealand Utilities Advisor Group (NZUAG) and The Roading Efficiency Group (REG) are continuing with a two day event, driven by the success of the previous forums. We are proud to be supporting regional New Zealand, hosting the forum at the Napier Conference Centre, Wednesday 25 March & Thursday 26 March, 2020.



Dr Gustav Rhodes

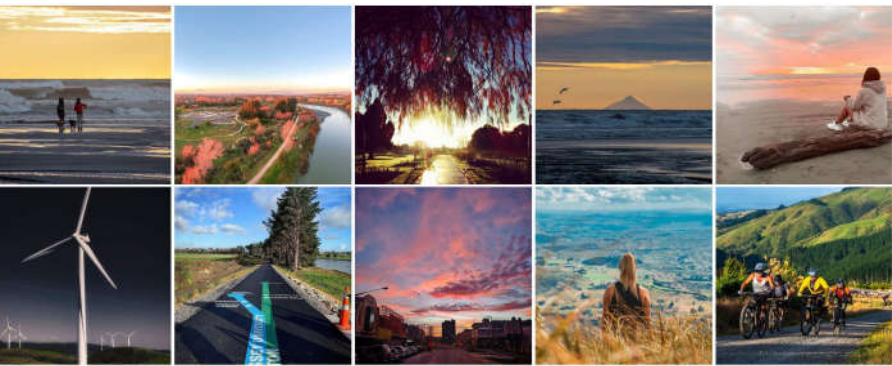
The 4th industrial revolution: digital transformation – an opportunity to reposition.



Learn more & register at: WWW.RIMS2020.CO.NZ



ADVANCING LAND DEVELOPMENT BEST PRACTICE IN NZ - JOIN US



2020 LDEG Forum - 19-20 March, Palmerston North Theme: Land Development - A provincial story

The [Land Development Engineering Group Forum](#) (LDEG) is just around the corner and it's time to get your [registrations](#) in. LDEG is your Forum and this is your chance to network and discuss the issues that development engineers are facing in a very busy phase of development in New Zealand.

This year we look at how the development of New Zealand effects the provinces, with Manawatu and Palmerston North being seen as a key link to the country's development as a mainland port and home to large **KiwiRail, NZArmy and AirForce** activities.

Your committee have also been working hard on finding [direction on NZS4404](#) and the next step will be discussed at the Forum. The committee strongly encourage you to attend the forum, and contribute to direction setting for the future of our industry. So please get your registrations in soon. Remember that LDEG exists for, and through, you.

Learn more & register: WWW.IPWEA.ORG/NZ

IPWEA NZ CONFERENCE 2020
DUNEDIN WED 17 TO FRI 19 JUNE

BEING BOLD

Facing our
challenges



New Zealand
IPWEA
INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA

IPWEA NZ CONFERENCE 2020 | 17-19 June, Dunedin

Being Bold: Facing our Challenges

The public works sector faces huge challenges. We will hear stories of bold approaches to meet these challenges, through innovation, courage, and wisdom. We have curated a formidable speaker line up including some of the sharpest minds in the country. Join **300** of your peers together for **2 days** to network, learn, develop, celebrate, and leave conference feeling inspired, motivated and re-energised!

This is **YOUR** annual industry event – join us to enhance the level of conversation around asset management and infrastructure.

Panel | Our Future Workforce



Hon Pete Hodgson, Susan Freeman-Greene, Jon Grayson, Peter Silcock



Kevin Stirrat: Update on the Economy

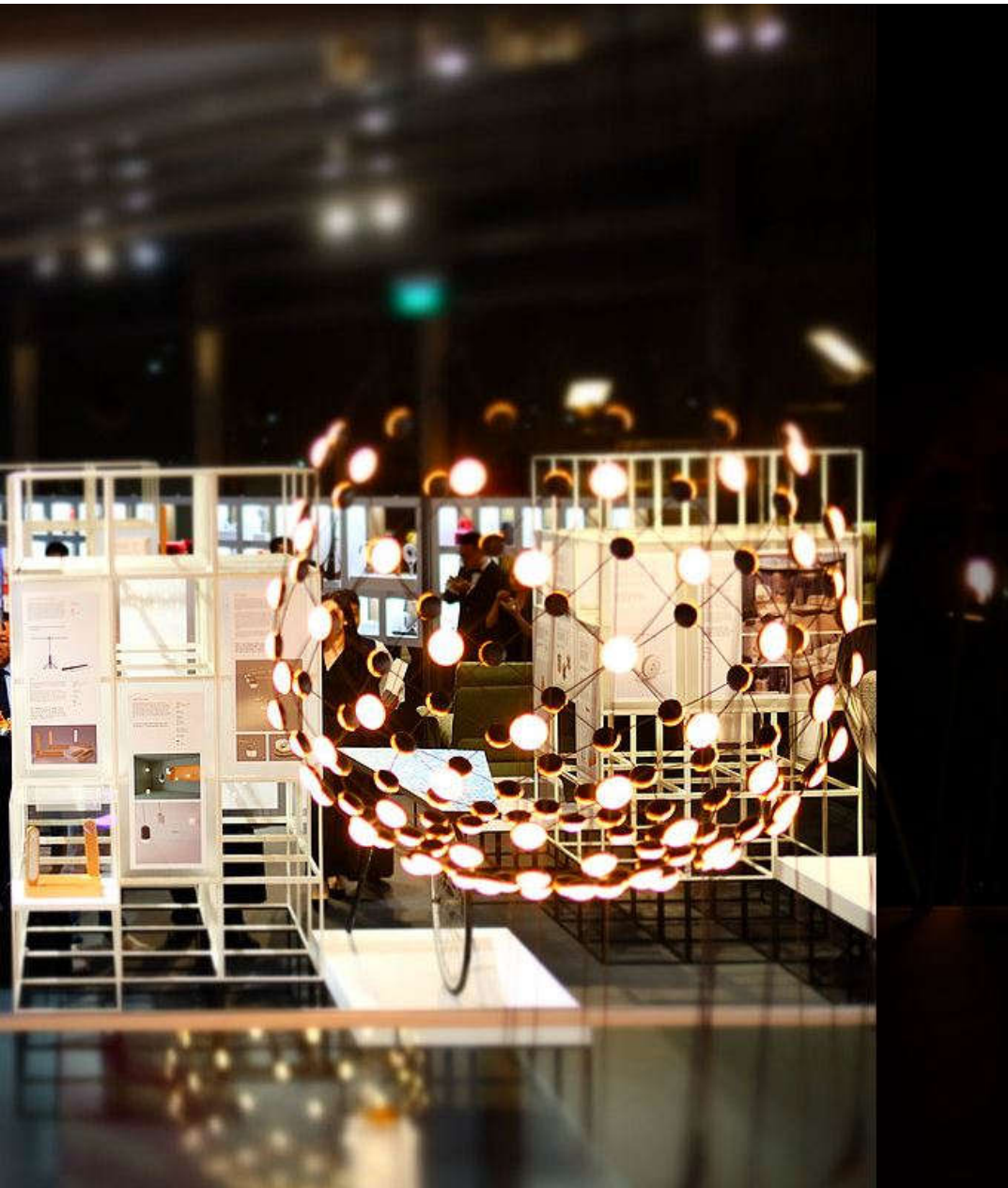


*Closing KEYNOTE day 1:
How Science, Engineering and the
Community can work together to
deliver on climate change.
Professor Juliet Gerrard – Prime
Minister's Chief Science Advisor*



*Opening KEYNOTE day 1:
Matt Church - Thriving in
the Decade of Disruption*

Learn more & register at: WWW.IPWEANZ2020.CO.NZ



IPWEA NZ EXCELLENCE AWARDS • 2020

18 June 2020 • Edgar Centre | Dunedin

~ Celebrating the best in public works projects ~

ENTRIES ARE NOW INVITED for the 15th IPWEA NZ Excellence Awards

GUIDELINES: available on the IPWEA NZ website.

ENTRIES DUE: 12 noon, Friday 17th April 2020

Whether your team has had an amazing 12 months, you have brought innovative ideas to fruition or you want to celebrate the achievements on a challenging project, we strongly encourage you to enter these annual awards.

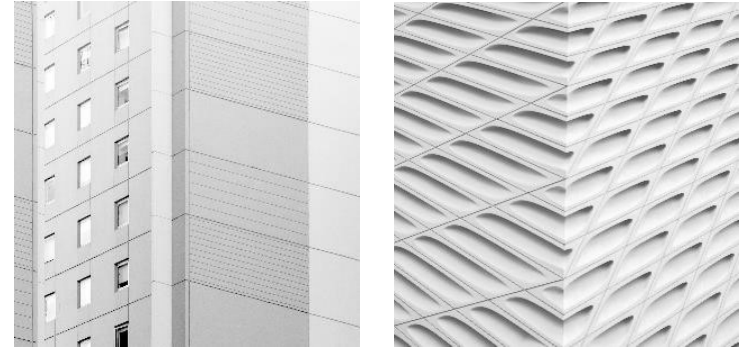
Past Winner Testimonial:

"Entry into the IPWEA NZ Excellence Awards delivers multiple benefits to all. The client and the community get a chance to celebrate success within their community. The contractors, consultants and staff involved get an opportunity to promote their achievements to their peers and receive feedback.

Finally the whole of our industry involved in the supply of the Public Works and Services gets the opportunity to learn, grow and develop. All of these are critical to the continuing growth of our industry and its recognition within our society. I fully recommend to anyone entering into the IPWEA Excellence Awards. The effort required will be paid back many times over."


~ David Adamson, GM City Services, Christchurch City Council.





- Questions?
- Current challenges and opportunities that you think we should discuss?
- Ways we can support you?

www.ipwea.org/nz



It's
about
you

We exist to support you and the industry to achieve excellence:

- Local challenges and opportunities
- Your training needs
- Speaker topics of interest
- Suggestions for improvement
- How we can make your life easier?

Keep in touch!

(04) 496 3254

nz@ipwea.org

www.ipwea.org/nz

Facebook & LinkedIn: IPWEA NZ

Level 11, 79 Boulcott Street,

Wellington