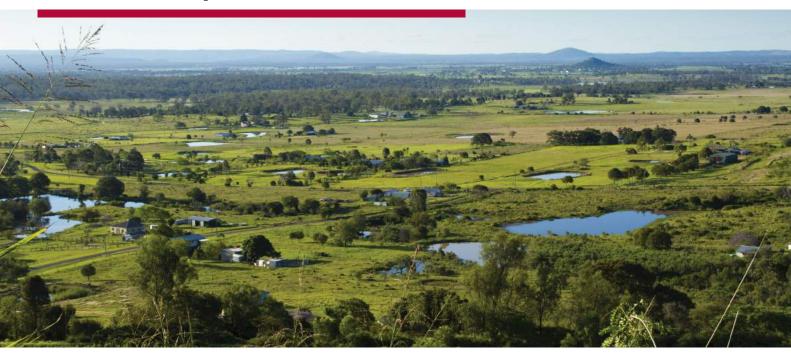


# INFORMS. CONNECTS. REPRESENTS. LEADS.

# BRANCH CONFERENCE HANDBOOK

**SWQ/SEQ Branch Conference 2022** 

Toowoomba, 30-31 March 2022

























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# Welcome from the Branch Presidents

We are very pleased to welcome you to the IPWEAQ SWQ/ SEQ Branch Conference in Toowoomba in partnership with Toowoomba Regional Council. This year's conference showcases local projects and activities including a presentation on the signature Kleinton Waste Management Facility by Amy Bernier, Project Manager at Toowoomba Regional Council.

Two Tech Tours will take place Tuesday afternoon at Wagners CFT Facility and Toowoomba Regional Council Principal Depot. Join us for a drink before conference proceedings commence at the informal Welcome Function, Tuesday 29 March! The Branch Conference Dinner, generously sponsored by GenEng, will be held the following night on Wednesday 30 March.

We would like to thank our sponsors including Branch Conference dinner sponsor GenEng, welcome function sponsor Wagners, coffee cart sponsor Ventia, lunch sponsor FKG Group, charity auction sponsor Orterra, lanyard sponsor Tonkin, host council Toowoomba Region, afternoon tea sponsor Norton Rose Fulbright and morning tea sponsor Shepherd.

Your support is invaluable and critical to the success of our conference. We hope you enjoy your time in Toowoomba!



**Dereck Sanderson** SWQ Branch President



**Jo O'Brien** SEQ Branch President





# **Conference Details**

Dates Wednesday 30 March - Thursday 31 March 2022Venue Highfields Cultural Centre O'Brien Road, Highfields, 4352

#### **About Toowoomba**

Also known as the Garden City, Toowoomba is home to hundreds of parks and gardens as well as the iconic Carnival of Flowers spring event. No matter when you visit, you'll discover rolling plains, vibrant country towns, bright sunflower farms and quaint hamlets. Head to the Garden City during the month of September and join the festivities as the city blooms to life to celebrate the beginning of Spring with the Toowoomba Carnival of Flowers.

## Registration

The registration desk is located in the front foyer. Please register early and download this Handbook on your smart phone or tablet.

Registration desk opening times are:

Tuesday 29 March (Tech Tour registration only)	2.30 pm - 3.00 pm
Wednesday 30 March	7.30 am - 8.30 am
Thursday 31 March	8.00 am - 8.30 am

When you register, please purchase your raffle tickets at \$5 each or five tickets for \$20 for Strengthening Rural Communities (SRC).

## App

Please download the IPWEAQ SWQ/SEQ Branch Conference App to get the most out of your conference experience. Within the Attendee App you will be able to:

- · Review the conference agenda
- · Review and amend your registration, including social function attendance
- Search for and message other conference delegates, including Speakers and Exhibitors
- · Receive conference alerts
- · Access this conference handbook
- · Vote for best paper

# **Dress Code**

Conference program, welcome and branch conference dinner: smart casual, no suits or ties.

## **Photography**

We will be taking photos throughout the conference and at social functions. Photos taken at the conference may be published in our journal, Engineering for Public Works, on our website and in marketing materials that promote our members, IPWEAQ and our industry. If you do not wish to be photographed, please advise our staff member and move out of camera range. Otherwise, consent is presumed granted. If you would like to arrange a group photo of you and your colleagues, please be sure to arrange this with us.

# **Conference Sponsors**

We wish to acknowledge our Principal Partners (Department of Transport and Main Roads, Reece Civil, RCPA and Wagners), Partners, exhibitors and sponsors for their ongoing support and contribution to our successes. Please see page 14 for our event sponsors.

# **Exhibition**

The trade exhibition is located in the Rogers Room and Main Hall. It is open during registration and all catering breaks.

## **Best Paper Award**

The winner of the Best Paper award will be voted by delegates, Please download the APP to vote.

The winner of the Best Paper award will receive a complimentary registration to attend the IPWEAQ Annual Conference to be held in Brisbane at the Brisbane Convention Centre 11-13 October, 2022.

#### WiFi

Network: TRC\_Communities
Password: communitieshighfields

# **Dietary Requirements**

If you have informed us of any special dietary requirements (vegetarian, vegan, coeliac etc), this information has been passed on to the catering team and any external venues for social events you have registered to attend.

Please make yourself known to the catering staff during meal breaks and social functions. All efforts have been made to accommodate your requests.

#### **Feedback**

After the conference, we will email your certificate of attendance with CPD hours stated together with a conference survey form.

Your feedback is valued and will guide us for future events. Thanking you in anticipation.

## **Conference Contacts**

 Monica Robertson
 0481 266 355

 Leigh Cunningham
 0449 987 238

 Craig Moss
 0431 745 277

 Savannah Roberts
 0413 438 846

We look forward to welcoming you to the SWQ/SEQ Branch conference in Toowoomba! Please share your experiences on social media using #SWQSEQ22.

# **Social Events**

#### **Welcome Function**

Delegates are invited to an informal welcome. Drinks and canapes are sponsored by Wagners.

Venue	The Royal Hotel Toowoomba 189 Ruthven St, Toowoomba City QLD 4350
Date	Tuesday 29 March
Time	6:00 pm - 8:00 pm

# **Branch Conference Dinner**

Venue	Highfields Pioneer Village 73 Wirraglen Rd, Highfields QLD 4352
Date	Wednesday 30 March
Time	6:00 pm - 10:30 pm

# **New Members**

We would like to welcome our new SWQ members: (Joined between 15 March 2022 - 15 March 2022)

Michael Matthey	Joshua Muhldorff
Shayan Abbassi-Nejad	Ashley Garrett
Suzanne Hendren	Page Andrew
Taylah Black	Anita Corfield
Toni Skillington	Mustafa Kowsar
Kevin McDougall	Daniel Schimke
Angus Mitchell	Harry Shelby
Scott Walker	Cameron Mocke
Nick Adams	Adam Trewin
Corin Yong	Sophie Geldenhuis
Melinda Childs	Ryan Ball
Hadi Nourizadeh	Janelle Ogg
Nathan Whittaker	Gavin Clark
Donna Brown	Sio Kei Hoi
Jonathon Maskall	Samantha Shipstone
Leigh Hansen	Haider Yousif
George Moore	Dean Griffin
D Supipi Kumari Peiris	Brian Lamb
Brendan McManus	Jodi Marchant
Peter See	Lilly Paterson
Luke Marshall	A K M Hasanur Rahman
Jo Waters	Dushan Lakshitha Senarathne

We would like to welcome our new SEQ members: (Joined between 23 February 2022 - 15 March 2022)

,	
Denis Hurley	Chris Lloyd
Kevin Mills	Nathan Hilleard
Luke Fitch	Campbell Olsen
Rebecca Ryder	Andrew Davidson
Bernard Fitzsimmons	Nicholas Kohn
Elliott Hawkins	Ross Hollands
Aiden Pang	Ross De Bortoli
Deva Naiker	Simon Boote
Luke Capelli	Coen Harnischfeger
Yoh An Tee	Jason Jones
Mohammad Shahin	Zane Gomez
Telly Kapeleris	Adam Berry
Bartholomew Jones	Kyra Stemm
Mark Bustalinio	Scott Osman
Nick Meecham	Mehdi Beiki
Jason Young	David Grummitt
James Moller	Joe Haines
Jackson Mckernan	Derek Carson
Damian Long	Neil Scales
Kevin Cocks	Sean Richardson
Catherine Molnar	Quynh-Thi Duong
Ray Duggan	Matthew Beggs
Ricky Graham	Connor Clarke
Michael Krome	Dominee Rye
Kylie Grimley	Kerry Doss
Gavin Duigan	Jacqui Hansen
Katie McIntosh	Mike Rutherford
Matthew Keleher	lan Costa e Silva
Paul Goodger	Anthony Wilkes
Christopher Michel	Bradley Williams
Julia Makin	Dominique Keirens
Chris Campbell	Mark Goodwin
Derek Wright	Kiran Pandey
Jake Ablitt	Samuel Birkbeck
Seth Docherty	Lucinda Sterling
Genevieve De Michele	Rebecca Henderson
Jordan Cunnington	George Kyriakakis
Coreena Simmonds	Sudershan Kanthakadi
Maddy Taylor	Rhys McQueen





<b>.</b>	
Kevin Covey	Luke Sammut
Thomas Bailey	Simon Rooney
Paul Timson	Nader Mohseni
Rebecca Blair	Jacob Meecham
Adrian Vesnaver	Wade Reidy
Steven Marmara	Tim Coogan
Kym Neaylon	Jon Morris
Tom Harrington	Geoff Bratt
John Gardner	Blake Henry
Suzy Cairney	Jayasiri Gunaratne
Wayde Stapleton	Samuel Razunguzwa
Graham Alexander	Paul Gottke
Renukha Nadarajah	Kirsten Challen
Ivan (Wei) Fan	Mark Trembath
Alison Smith	Max Hungerford
Mahesh Komarthi	Mitch Murphy
Isaac Nhamu	Jake O'Neill
Ben Cotter	Jordan Darlington
Goncalo Duarte	Serafina Greco
Scott Holland	Harin Karra
Loki Kovacic	Yan Kuang
Sherry Merson	Matthew Moore
Connor Nichol	Shayna Spencer
Sheridan Tanzer	Lukas Tieves
Graham Whittaker	Ilona Blackburn
Francis Kwesi Norku	Ben Williamson
Joshua Goman	Mahmud Hasan
Marchél Oegema	Emad Tadros
Adam Whittaker	Anthony Wright
Andrea Ellis	Isaac Pickersgill
Sam Ketabchi	Carmela Camilleri
Dan Whitehouse	Kate Marris
Monica Vecchio	June Njogu
Darren Wilson	Mike Hsu
Parameswaran Suresh	Benjamin Tadj
Peter Collins	Stuart Murray
Wade Walsh	Sagar Shah
Adam Freedman	Matthew Flint
Gervais Naidoo	Derek Arrowsmith
Ashesh Shrestha	Ruchitha Mendis

Sandra Sherriff	Laetitia Bailey-Mortimer
Marvin Pacheco	Rajat Makhija
Jake Fisher	Jack Gallagher
John Dollisson	Brad Warren
Matthew Newton	Alan Rotsey

# **Distinguished Members**

Name	Organization	2021-2022 Advances
Sophia Andary	City of Ipswich	5 Years
Dereck Sanderson	Department of Transport and Main Roads	5 Years
Pippa Sullivan	GenEng Solutions Pty Ltd	5 Years
David Taylor	GenEng Solutions Pty Ltd	5 Years
Angelo Casagrande	Toowoomba Regional Council	10 years
Ashesh Shrestha	University of Southern Queensland	10 Years
lan Bilkey	BA Developments	20 Years
Gerhard Joubert	Brisbane City Council	20 Years
Phil Bambrick	Bambrick Consulting Pty Ltd	30 Years

# **Join IPWEAQ**

Join IPWEAQ this April through to 30 June 2022 (plus GST):

Member \$97.50 Graduate \*\$70.00

Annual subscription 1 July 2021 to 30 June 2022:

Member \$390 Graduate \$280

<sup>\*</sup> Graduates within five years of graduation, Bachelor's degree



# **Councils and Organisations**

We look forward to welcoming delegates from the following councils and organisations:

#### Council

- Brisbane City Council
- City of Gold Coast
- City of Ipswich
- City of Logan
- Goondiwindi Regional Council
- North Burnett Regional Council
- Redland City Council
- Scenic Rim Regional Council
- Quilpie Shire Council
- Somerset Regional Council
- South Burnett Regional Council
- Southern Downs Regional Council
- Sunshine Coast Council
- Toowoomba Regional Council
- Western Downs Regional Council



# **Organisation**

- ARUP
- Austek
- Asphalt Joint Tape
- ATC Engineers & Project Managers
- Austek Roads
- Australian Concrete Mats
- BA Developments
- Bambrick Consulting Pty Ltd
- Barker Ryan Stewart
- Boral
- Brandon & Associates Pty Ltd
- Brisbane Airport Corporation
- Byrne Consultants
- CARDNO Ltd
- COLAS
- Consulting Engineer
- Danley
- Department of Transport and Main Roads
- Eco-road Hero
- Engeny Management Pty Ltd
- FKG Group
- Fulton Hogan Industries Pty Ltd
- GenEng Solutions Pty Ltd
- Tony McDonald Engineering Services Pty Ltd
- Geofabrics Australasia
- GHD Pty Ltd
- Harrison Infrastructure Group
- HDR
- HOLCIM Australia Pty Ltd
- Huesker Australia Pty Ltd
- In4Advisory
- Ingal Civil Products
- Interflow
- Joe Wagner Group
- Kehoe Myers Consulting Engineers
- Leading Roles
- Local Buy
- LO-GO Appointments
- Marshall Civil Engineering

- McBerns Innovative Solutions
- McCullough Robertson Lawyers
- NB Lawyers
- Norton Rose Fulbright Australia
- Origin Energy
- Orterra
- PASEtec Pty Ltd
- Pavement Management Services
- Peak Services
- PLASGAIN
- Professional Bridge Services
- Projex Partners Pty Ltd
- Proterra Group Pty Ltd
- Queensland University of Technology
- Redfrost Pty Ltd
- Retex Pavement Services
- RoadTek DSW
- RPQ Group
- Saferoads
- Science and Engineering Pty Ltd
- Shepherd Services Pty Ltd
- Sidelines Traffic
- Solutions in Transport
- SPEL Stormwater
- Stabilised Pavements of Australia
- SuperSealing
- Tonkin Consulting Pty Ltd
- Trimble Inc
- University of Southern Queensland
- Ventia Australia Pty Ltd
- Wagners CFT Manufacturing Pty Ltd
- Water Modelling Solutions
- 4020 Consult





# **Our Partners**

# **PRINCIPAL PARTNERS**









#### **ENTERPRISE PARTNERS**





























































# **Our Subscribers**















































# **Our Subscribers**









































# **Program**

# Tuesday, March 29, 2022

2:30 PM - 3:00 PM	Tech Tour Registrations open Buses will be arranged to/from each tour. Please register at 2:30pm at Highfields Cultural Centre.
3:00 PM - 5:30 PM	Tech Tour – please choose one option Wagners CFT Facility tour OR Toowoomba Regional Council Principal Depot
6:00 PM - 8:00 PM	Welcome Function <i>Sponsored by Wagners</i> The Royal Hotel Toowoomba 189 Ruthven St, Toowoomba City QLD 4350

# Wednesday, March 30, 2022

Wednesday, March 30, 2022		
7:30 AM - 8:30 AM	Registration Open (day one)	
8:30 400 - 8:45 400	Introduction and Housekeeping Jo O'Brien, SEQ Branch Conference	
	Conference Opening Mayor Paul Antonio, Toowoomba Regional Council	
9.00 201 201 201	Kleinton Waste Management Facility Amy Bernier - Project Manager, Toowoomba Regional Council	
9:30 AM - 10:00 AM	A Lifecycle Approach to Operation and Maintenance on the Toowoomba Second Range Crossing Project Brett Beagley - Project Director, Ventia Australia	
10.00 AVV = 10.30 AVV	Recovery and Resilience in South West and South East Queensland Jimmy Scott - General Manager, Resilience, Queensland Reconstruction Authority	
10:30 AM - 11:00 AM	Morning Tea Sponsored by Shepherd	
	What is a Road? A Lawyer's Perspective Sarah Hausler - Partner, McCullough Robertson Lawyers	
11'3U AM - 12'UU PM	What They Taught Me Still Applies Peter See - Director of Engineering Services, Quilpie Shire Council	
	Demystifying Professional Registration Craig Moss - Director Professional Services, IPWEAQ	
12:30 PM - 1:30 PM	Lunch	
1. 3(1) PIVI = 1.22 PIVI	Activating Transport to School with a Safe System, Renewable Energy and Community Engagement Prue Oswin - Active Transport Engineer, Sidelines Traffic	
	Kerb-break CFD Modelling to Improve Cycle Track Safety Alan Rotsey - Senior Civil Engineer, Arup	
7. 7() PNA = 7.7(5 PNA	Road Safety Implementation in the Darling Downs Bryan Freeman - Civil Engineer, Department of Transport and Main Roads	
7:45 PM = 3:10 PM	Rest Area Mass Action Upgrade Project TBC	
3:10 PM - 3:40 PM	Afternoon Tea Sponsored by Norton Rose Fulbright	





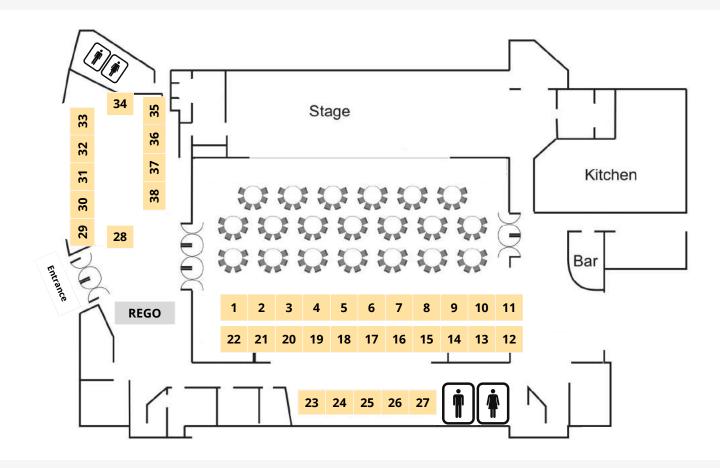
3:40 PM - 4:00 PM	Between a Rock and a Hard Place – the Challenges of Delivering More Projects with Less Resources in Rural Councils Jim O'Dea - Operations Manager, Proterra
4:00 PM - 4:20 PM	The Stakeholder Engagement Trends you Need to Know to Improve the Success of Your Infrastructure Project Amanda Bromley - Technical Director, GHD
4:20 PM - 4:40 PM	What Has Higher Priority Than the Superbowl? A Risk Based Project Management Case Study Chris Green - Area Engineer, Department of Transport and Main Roads
4:40 PM - 5:00 PM	Project Management Framework, Southern Downs Regional Council Pavements James Varughese - Principal Engineer, Southern Downs Regional Council
6:00 PM - 10:00 PM	Conference Dinner Sponsored by GenEng Solutions   Highfields Pioneer Village

# Thursday, March 31, 2022

8:00 AM - 8:30 AM	Registration (day two)
8:30 AM - 8:55 AM	Unsealed Roads Maintenance Secrets to Save Time and Money Stephen Hegedus - Partner/Director Client Services, Shepherd
8:55 AM - 9:20 AM	Solution-focused Management of Pavement Assets in Tackling the Impact of Expansive Soils for More Cost-effective, Durable and Sustainable Construction using Specialised Geosynthetic Systems Zehra Kaya - National Business Manager - Roads & Pavements, Huesker Australia
9:20 AM - 9:55 AM	ZEROAD Technology Providing Significant Carbon Reductions and Sustainable Environmental Solutions, whilst Improving Asphalt Performance David Simmons - General Manager, Austek Roads
9:55 AM - 10:20 AM	The Use of Recycled Crushed Concrete in Logan City Council Roads Ruchitha Mendis - Construction Engineer, Logan City Council
10:20 AM - 11:00 AM	Morning Tea (day two)
10:50 AM - 11:20 AM	TBC Raad Jarjees - Manager Works, Somerset Regional Council
11:20 AM - 11:50 AM	Learnings and Discoveries from the World of Total Flood Warning Review Lisa Holden - Senior Flood Engineer, Cardno
11:50 AM - 12:20 PM	TBA NB Lawyers
12:20 PM - 1:30 PM	Lunch including raffle draw
1:30 PM - 1:50 PM	Managing Fire Risk on Roadsides Julian Selke - Team Leader Project Planning and Corridor Management, Department of Transport and Main Roads
1:50 PM - 2:10 PM	Lockyer Creek Bridge - Steel Girder Strengthening and Re-painting Works Simon McIntosh - Project Manager, RoadTek Downs South and Paul Adams, RoadTek
2:10 PM - 2:30 PM	Captain Cook Bridge Refurbishment Works Nicholas Le Good - Senior Project Manager, Department of Transport and Main Roads
2:30 PM - 2:50 PM	Technology Advancements in the CCTV Industry using Artificial Intelligence and Automation Steven Latimer - Business Development Manager, Interflow
2:50 PM - 3:00 PM	Conference Close and Best Paper Winner Awarded Dereck Sanders, SWQ Branch President

# **Exhibitors**

We are delighted to welcome 38 exhibitors in Toowoomba located as follows.



1	Global Synthetics	14	NB Lawyers	27	Geofabrics Australasia
2	SuperSealing	15	Downer Group	28	Huesker Australia
3	Australian Concrete Mats	16	Proterra Group Pty Ltd	29	Austek Roads
4	Solutions in Transport Pty Ltd	17	Holcim/Humes Australia	30	Pavement Management Services
5	McCullough Robertson Lawyers	18	Retex Pavement Services	31	Trimble Australia Solutions Pty Ltd
6	McBerns Innovative Solutions	19	Peak Services	32	Stabilised Pavements of Australia
7	Fulton Hogan Industries Pty Ltd	20	Local Buy	33	Joe Wagner Group
8	Wagners CFT Manufacturing Pty Ltd	21	Ingal Civil Products	34	Norton Rose Fulbright
9	Orion Solar	22	Asphalt Joint Tape	35	COLAS Australia Group Pty Ltd
10	Interflow	23	Water Modelling Solutions	36	Plasgain
11	Saferoads	24	Danley	37	Toowoomba Regional Council
12	Leading Roles	25	LO-GO Appointments	38	RCPA
13	Boral	26	RPQ Group		





# **Sponsors**

Thank you again to our wonderful sponsors for this year's SWQ/SEQ Branch Conference.

# **Platinum Sponsorship**

# **Toowoomba Region**

**Host Council** 



# **Gold Sponsorship**

#### GenEng

**Branch Conference Dinner Sponsor** 



#### **Ventia**

Coffee Cart Sponsor



# Silver Sponsorship

## **Wagners**

Welcome Function Sponsor



# **FKG Group**

**Lunch Sponsor** 



# Orterra

**Charity Auction Sponsor** 



#### **Tonkin**

**Lanyard Sponsor** 



# **Bronze Sponsorship**

# **Norton Rose Fulbright**

Afternoon Tea Sponsor



# **Shepherd**

Morning Tea Sponsor



# **Social Media Handles**

We encourage exhibitors to use our handles when posting to social media:

in @IPWEA Queensland



@IPWEAQ



@IPWEAQ



@ipweaq



# **President's Charity - Strengthening Rural Communities**

The Strengthening Rural Communities (SRC) program aims to give the thousands of small rural, regional and remote communities across Australia an opportunity to access funding to support broad community needs.

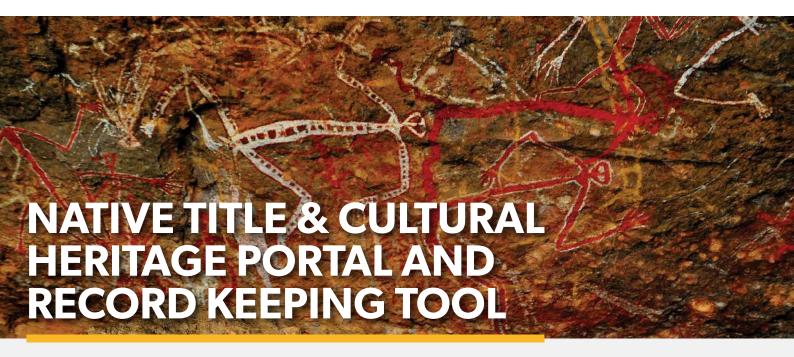
Given the events of summer 2019/20, it has also been expanded to offer funding to support recovery in bushfire-affected communities.

Grants are available for a broad range of grassroots, community-led initiatives that directly and clearly benefit local communities. Applications are accepted on an ongoing basis and assessed quarterly.

During the SWQ/SEQ Branch Conference, we will be selling raffle tickets to raise money for Strengthening Rural Communities. Tickets will be sold throughout the conference at 5 for \$20 or \$5 per ticket. The raffle will be drawn during lunch on Thursday 31 March.



# INFORMS. CONNECTS. REPRESENTS. LEADS.



IPWEAQ's new native title and cultural heritage portals help you comply with the law and avoid acts that will impact on cultural heritage and native title including impairment and extinguishment. The portals establish a methodical, documented, robust process and establish that an appropriate level of thoroughness was applied in determining whether or not to proceed with works.

Section 51(1) Native Title
Act 1993 - an entitlement
on just terms to compensate
native title holders for any
loss, diminution, impairment
or other effect of the act on
their native title rights and
interests.



- i ntegrated
- M anagement
- P ortal for
- A sessment of
- C ultural heritage and native
- T itle

# **SUBSCRIPTIONS**

Subscriptions now open for the first year of iMPACT!

Annual Subscription	Plus GST
One-off Project Assessment	\$1,000
Councils with less than 25,000 constituents	\$3,000
All other councils, utilities, consultancies and other industry entities eg mining, pastoral.	\$5,000
Access to iMPACT including ongoing capability training to meet your changing needs.	\$10,000

Public Works Technical Subscription Apply a 10% discount if your council is a PTWS subscriber.

- Resource to undertake complex assessments in a logical framework with templates, lists, registers and geo-spatial mapping.
- 2. Detailed record keeping system which generates a PDF documenting all elements of the assessment including text, maps and photographic evidence which supports the reason for your decision.
- User friendly portal with a step by step process to ensure infrastructure and other projects comply with legislation which will save you time and money.
- Interactive site which links to the latest information in government and other databases.





# **INFORMS. CONNECTS. REPRESENTS. LEADS.**

# **Professional Development**













www.ipwea-qnt.com