

# LDEG FORUM 2020

## Land Development: The Provincial Story



19-20 March, 2020  
Distinction Hotel, Palmerston North

### PROGRAMME - DAY 1

8:00 – 8:50am	Registration
8:50 – 9:00am	<b>Welcome/Housekeeping</b> Tony McGlynn, MC
9:00 – 9:20am	<b>LDEG Chairs address &amp; LDEG AGM</b> Tony McGlynn and Peter Higgs
9:20 – 9:50am	<b>Keynote Speaker</b> David Murphy, City Planner, Palmerston North City Council
9:50 – 10:20am	<b>Urban Design</b> Dave Charnley, Urban Designer, Palmerston North City Council
10.20 – 10.50am	MORNING TEA - Sponsored by Palmerston North City Council
10:50 – 11:20am	<b>Effective Stormwater Management – A consistent framework for growth</b> Justine Bennett, Technical Director, Environment & Water, GHD
11:20 – 11:50am	<b>Natural Hazards: Liquefaction</b> Mike Jacka, Technical Director, Tonkin + Taylor
11:50 – 12:20pm	<b>Shared Path (TBC)</b> Jason Pilkington, Leisure Assets Planner, Palmerston North City Council
12.20 – 1:30pm	LUNCH
1.30 – 2.00pm	<b>Nature Calls: Palmerston North City Council Wastewater Consent</b> Melaina Voss, Senior Consultant, Morrison Low
2:00 – 2:30pm	<b>Pressure Sewer Policy</b> Helen Churton, Asset Planning Team Leader, Palmerston North City Council
2.30 – 3:00pm	TBC Robert White, GHD
3:00 – 3:30pm	AFTERNOON TEA - Sponsored by Palmerston North City Council
3:30 – 4:00pm	<b>Unified Standards Workshop Summary</b> TBC
4:00 – 4:45pm	<b>Panel Discussion - Unified Standards</b>
4:45 – 5:00pm	Wrap-up & Recap, Tony McGlynn (Chair, LDEG)
5:00 – 7:00pm	Wrap up drinks and nibbles

Thank you to the following sponsors for their support and making this event possible:



Land Development Engineering Group (LDEG), is a Special Interest Group of IPWEA NZ and is the only specialist land development engineering group in New Zealand, bringing professionals together and giving them a collective voice. LDEG provides leadership and strategic advice to the New Zealand Land Development industry on best practice Land Development Engineering.

# LDEG FORUM 2020

## Land Development: The Provincial Story

New Zealand



### PROGRAMME - DAY 2



19-20 March, 2020

Distinction Hotel, Palmerston North

## FIELD TRIP

*(subject to change)*

- 9:00am** Leave from Distinction Hotel
- 9:15am** Wallace Development - Centennial Park
- 10:30am** TBC
- 12:30pm** Lunch at He Ara Kotahi Bridge
- 1:30pm** TBC - North East Industrial Zone (Mainland Port)
- 2:30pm** Airport  
Airport drop off
- 2:50pm** Tour ends at Distinction Hotel



## FORUM SPEAKERS - LDEG 2020



### **David Murphy - City Planning Manager - Palmerston North City Council**

#### **Keynote (9:20am)**

David Murphy, City Planning Manager at Palmerston North City Council, began his planning career in 2001 at New Zealand Forest Managers. In 2004 he joined the planning team at Palmerston North City Council where he worked on a variety of planning projects. In 2009 David was appointed City Planning Manager.

In his current role David provides management and leadership on city planning, urban design, placemaking, climate change, sustainability, environmental policy, integration of infrastructure and land-use, transport planning, recreation planning, biodiversity, heritage and geographical information systems.

David has led the transformation of the planning team and encouraged the Council to embrace the planning profession in its broadest sense. David has successfully embedded urban design, placemaking and place activation programmes in Palmerston North and has recently completed a sectional review of the Palmerston North City District Plan.

David worked closely with elected members to develop a new strategic direction for Palmerston North and is passionate about the role of planning in helping communities to achieve their vision.



### **Dave Charnley - Urban Designer**

#### **The Value of Fluff - a #PalmyProud journey into the airy fairy world of urban design (9:50am)**

David is an Urban Designer working as part of the multi-disciplinary strategy and planning team at Palmerston North City Council. An award-winning Landscape Architect with extensive experience in private practice, he has a strong passion for quality design and sustainable city making.

Understanding the value and tensions of good urban design to cities, Dave joined PNCC in 2016 to help lead implementation of a new strategic direction for the city. Dave's core role is to advocate and champion better urban design outcomes for the city, seeking a more balanced outcome of economic, social, environmental and cultural values. This is increasingly being achieved through stronger relationships, collaboration and co-creation both within council and with the design and development community.

He is charged with overseeing implementation of the City Centre and Manawatu River Frameworks, manages masterplanning of new projects, provides assistance on structure plans and plan changes and undertakes pre-application and design review for resource consent.



### **Justine Bennett - Technical Director Environment and Water**

*(MSc Water Pollution Control and Management, BSc (Hons) Environmental Science, Graduate Diploma of Teaching, Professional Certification in Management)*

#### **Effective Stormwater Management – A consistent framework for growth (10:50am)**

Justine is an environmental practitioner with over 20 years' experience in environmental management. She has extensive track record in integrated catchment management, most recently in the Waikato and Wellington and previously with Western Bay of Plenty and Auckland Council.

Justine's work has focussed on urban and peri-urban catchments including Porirua and Auckland's strategic growth areas. The projects have focussed on stormwater management, often in support of network discharge consents but also consider the linkage with water supply and wastewater treatment with a view to identifying ways to reduce water demand and improve environmental outcomes.

Justine typically takes a strategic approach to the development of stormwater management options which includes consideration of individual catchment risks and opportunities and a quadruple bottom line approach to their evaluation. She is supportive of water sensitive design approaches which provide not only effective stormwater solutions but also opportunities for improved amenity and ecological benefit for communities.

In the past year she has been working with PNCC to develop a stormwater management framework to support decision making in relation to urban growth and development in the district.



### **Mike Jacka - Technical Director - Tonkin + Taylor**

*QSM, ME(Civil)*

#### **Natural Hazards: Liquefaction (11:20am)**

Mike specialises in solutions for complex engineering problems, particularly earthquake geotechnical engineering and natural hazards resilience. He has extensive experience in land and infrastructure development across New Zealand.

He was heavily involved in the Canterbury earthquake recovery, providing geotechnical advice to various Government agencies which informed land zoning decisions and foundation guidance for liquefiable soils. He was lead author of the "Planning and engineering guidance for potentially liquefaction-prone land" published by MBIE/MfE in 2017. He continues to work with councils, planners and engineers around New Zealand to encourage a risk-based approach to land use planning and development decision-making.



### **Jason Pilkington, Planner – Recreation**

#### **Shared Path (11:50am)**

I'm the programme manager for the Manawatū River Framework- one of Palmerston North City Council's three catalyst programmes. It's a programme we deliver in partnership with our local iwi, Rangitāne, with a clear focus to get more people enjoying the awa each year. I'm based in the Parks and Reserves team at Council and also help lead the design and build of skate parks, road safety parks, dog parks and playgrounds.

I have a Masters Degree in Philosophy from Auckland University and a Master of Strategic Studies from Victoria University. I have worked in the Recreation Planning field for three years, and before that have worked in planning, policy and strategy for more than ten years. My academic background specialised in French and German philosophy – particularly with regards to value and meaning creation, hermeneutics and existentialism. These subjects have placed me squarely in the position to successfully engage in experimental and agile design, connecting people to spaces in meaningful and innovative ways and the promotion and coordination of community-lead design work.

My current passions are for pushing play towards simple, more challenging and natural play features and built areas. I am involved at all levels – from concept through design and build, and take a hands-on approach to my work. I am passionate about infusing design with layers of meaning through story-telling to create emotional and lasting connections to spaces. I'm excited to work in a field where I develop spaces and activations that connect people, create memories and bring our past back to life through modern medium and materials.

I have driven the development and adoption of co-management agreements and structures in partnership with iwi in Palmerston North, and have worked closely with Rangitāne to develop some of their key historical sites of cultural significance. Going forward I will be using my passion and creativity to develop the Manawatū River as Palmerston North's next City Reserve.



### **Melaina Voss- Project Manager, Palmerston North Waster Water BPO Project**

#### **Nature Calls: Palmerston North City Council Wastewater Consent (1:30pm)**

Melaina has a Town Planning Degree from the University of Auckland. After starting her career in local government as a Planning Engineer, she has worked in consultancy and local government for over 18 years in NZ and Australia, focusing on the three waters and transport infrastructure. Melaina enjoys leading large and complex infrastructure projects, from strategic planning and strategy development through to consenting, evidence and hearings. Melaina is currently the Project Manager for Palmerston North's Wastewater BPO Project.



### **Helen Churton**

#### **Pressure Sewer Policy (2:00pm)**

Helen is a Three Waters Engineer, who is currently the Asset Planning Team Leader at Palmerston North City Council. Prior to that she was the Wastewater Team Leader for almost nine years at Gisborne District Council. This followed several years in consultancy in various Three Waters design and construction roles, with a period where she dabbled in Roading. Outside of work Helen likes to engage in the practical side of engineering with her two children – examining the ground condition at the beach (digging holes) and testing the structural integrity of Lego designs.



### **Robert White, GHD representative for Watercare's Enterprise Model - Programme First Leadership Team at Watercare Services Limited**

#### **(2:30pm)**

Robert is an experienced Chartered Civil Engineer with over 30 years' experience, predominantly within the water and wastewater sector, having worked within engineering consultancies in the UK, Southern Africa and Australia and New Zealand. He is currently a Principal at GHD, and the Business Group Leader of the Northern Water and Wastewater Service Group.

Recently Robert has had a significant involvement with the design and specification of pressure sewers, including leading the development of the Water New Zealand Pressure Sewer National Guidelines. Through this work Robert has developed a strong practical and theoretical knowledge of pressure sewer systems, and the key issues that should be incorporated into the design and construction of pressure sewer systems, to ensure that systems operate as intended and that potential issues are mitigated. This particularly relates to low velocities and high retention times during build-out stages and ensuring that data is available to allow the operators to effectively operate the systems going forward.



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LDEG is part of **IPWEA NZ**, New Zealand's established and pre-eminent membership association for engineering and asset management in public works. This association gives us **credibility** and **access** to leaders in the industry and in particular to local government and other industry organisations. It is through IPWEA NZ that we have been able to talk to central government and comment on relevant policy discussions. There are many **opportunities** for our members to discuss and share learnings with others in the industry through IPWEA NZ's website: [www.ipwea.org/newzealand](http://www.ipwea.org/newzealand).



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