



## Message from the Chair



2019 was a momentous year with many successful events and major initiatives. Of most importance to me was the establishment of our Regional Chapters. Located across the region, the chapters provide an easy way to connect with PIANC Australia and New Zealand and get involved with various leadership opportunities.

Major achievements in 2019 include:

- Organising 18 seminar and networking events in Adelaide, Auckland, Brisbane, Darwin, Hobart, Melbourne, Perth, and Sydney.
- Co-Convening (with NCCOE, Engineers Australia) the [Australasian Coasts and Ports 2019 Conference](#), including the 17th Australasian Port and Harbour Conference.
- Hosting a 2-Day Seminar pre Coasts & Ports on [Crisis Management and Natural Disaster Response](#).
- Convening a 2-Day Seminar on [“New Technologies – Driving Environmental Improvements in the Ports and Coasts Sector”](#) alongside our Annual General Meeting.
- Appointing A-NZ members to nine (9) new International Working Groups, hosting A-NZ led Working Group (WG) meetings and promoting recent WG Reports and opportunities.
- Maintaining our international leadership through Commission Leads, Vice-President Role, presentations at the Annual General Assembly, and via Travel Assistance Grants to WG appointments.
- Continuing to support our local members and grow our community through the establishment of seven (7) Regional Chapters in WA, SA, Vic/Tas, NSW, QLD, NT and NZ.
- Ensuring Board leadership, financial stability and ongoing risk management of PIANC A-NZ activities through regular active communications, transparent operations and member focused initiatives.

In addition to the above achievements, we were excited to announce our new biennial conference series, APAC 2020 ([www.pianc2020.com](http://www.pianc2020.com)), focused on harbours, ports and recreational boating across Asia Pacific to be held in Fremantle, WA from June 16-19, 2020. A pre-conference symposium on “Nature Based Solutions for Coasts, Ports and Estuaries” will also be held prior to the conference.

## 2019 Australasian Coasts and Ports Conference

The Coasts and Ports 2019 Conference, held in Hobart, Tasmania from 10 to 13 September 2019 was attended by more than 400 delegates from around the region. Her Excellency Professor the Honourable Kate Warner AC, Governor of Tasmania opened the conference.

185 papers were presented under the Conference themes of Coastal processes; Port and maritime engineering – including dredging management; Coastal and Ocean Engineering - including recreational facilities and beach nourishment; Port and coastal planning, policy and management, - including climate change adaptation; and the Blue Economy -including marine renewable energy.

**Key note speakers** included James Dalton, Director of Civil Works, Headquarters, U.S. Army Corps of Engineers, Associate Professor Ron Cox from UNSW Water Research Laboratory, Karen Rees, Director Antarctic Tasmania & Regional Economic Development, Department of State Growth, Robb Clifton, Operations Manager, Australian Antarctic Division (AAD), Professor Stewart Frusher, Director, Centre for Marine Socioecology, University of Tasmania and Associate Professor Irene Penesis Lead, Marine Renewable Energy Research Group, University of Tasmania.



Members of the PIANC A-NZ Board at Hobart Sept 2019 with USACE key speakers

L-R Greg Britton, Chris Carboon, Katrina Dodd, Ron Cox, James Dalton (USACE), Todd Bridges (USACE), Neil Lawson, Will Glamore, Peter Engelen, Luke Campbell, Michel de Vos, & Rodney Hancock (YP-Com)

## PIANC's pre Coasts & Ports Hobart Seminar Crisis Management and Natural Disaster Response

The purpose of the two-day seminar held on 9 & 10 September was to improve preparedness for natural disaster and crisis events that can occur in ports and harbours, sharing knowledge and first-hand experience from around the globe. The Seminar attracted guests from around Australia, as well as New Zealand, Japan and the US.

PIANC A-NZ Chair Will Glamore thanked the PIANC Organising Committee, Chris Carboon, Chair, A/Prof Ron Cox, Technical Program Coordinator, and the indefatigable Neil Lawson, Seminar Support, for all their hard work. "The Seminar had provided in-depth meaningful conversation" he said, "between global experts on critical topics of great relevance to the PIANC member community."

## 2019 PIANC A-NZ Young Authors Award



Established in 1988, the prestigious PIANC A-NZ Young Authors Award is traditionally presented at the biennial Coasts and Ports Conference for the best paper and presentation by an author 40 and under.

This year PIANC A-NZ Chair William Glamore was delighted to award the 2019 prize to Damon Howe for his paper and presentation titled "[Integration of Wave Energy Converters within Floating Offshore Structures.](#)"

Damon is a final year PhD Candidate in the field of Maritime Engineering at the Australian Maritime College, a specialist institute of the University of Tasmania. His paper, co-authored with Jean-Roch Nader and Gregor Macfarlane, provided a brief synopsis of a significant experimental investigation to explore a proof-of-concept for a floating breakwater integrated with multiple Oscillating Water Column (OWC) Wave Energy Converters (WEC).

For more information about Damon and his research [see here](#) .

## AGM – New Technologies Seminar



In May 2019 PIANC A-NZ convened a very successful seminar on "New Technologies – driving environmental improvements in the ports and coastal sector."

Twelve expert presenters covered a wide variety of topics – sharing technical knowledge, experience, and the challenges and advantages of embracing the new powers, to an appreciative audience of industry colleagues.

NSW Ports CEO Marika Calfas, who is also PIANC A-NZ Environmental Commission representative, opened the seminar with pertinent examples of new technologies in the international and domestic port space – including automation, drone technology, remotely controlled tugs and – crucially – data sharing, showing how "technological change can lead to operational efficiencies and environmental improvements. There can be a very positive relationship" she said, "between technologies, the environment, efficiencies and hence costs."

Closing the seminar, PIANC A-NZ Chair, Associate Professor Will Glamore reminded the attendees that innovations driving – indeed enforcing – widespread industry changes are not a new phenomenon. Back in the days of PIANC's origins – the 1880s – the engineering innovation of the new Suez Canal, which permitted only steamships through its narrow channel, resulted in a whole system change.

Yet innovations in themselves, he said, cannot always effect change, and many apparently exciting gadgets and gizmos turn out to have very brief shelf lives. There must be social adaptation at the same time. That is, the new technology must align with the values of our communities, the needs of our stakeholders. And their values and needs are not just about industry cost savings.

Presentations – if available – have been uploaded for PIANC members on the members [documents section](#) of this website.

## 2019 PIANC A-NZ Board Members

Chair: William Glamore  
 Deputy Chair: Greg Britton  
 Secretary: Joel Bailey  
 Treasurer: Neil Lawson  
 Luke Campbell (WA)  
 Chris Carboon (VIC)  
 Peter Engelen (NSW)  
 Richard Hill (VIC)  
 Kevin Kane (QLD)  
 Scott Keane (QLD)  
 Kate Panayatou (on maternity leave)  
 Michel de Vos (NZ)

Board Members nominated by NCCOE (National Committee on Coastal & Ocean Engineering):

Ron Cox  
 Katrina Dodd

2019 Observer to the Board – as part of the Observership Program, Amanda Martin, Manager Business Improvement & PMO at Qantas



PIANC A-NZ Board Members at 2019 AGM. L-R: Ron Cox, Greg Britton, Amanda Martin (observer), Scott Keane, Luke Campbell (seated), Michel de Vos, Peter Engelen, Chris Carboon (seated), Neil Lawson, Will Glamore (Chair). Not in Image: Joel Bailey, Katrina Dodd, Richard Hill, Kevin Kane & Kate Panayatou.







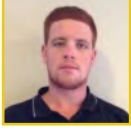

## PIANC TECHNICAL COMMISSIONS

Internationally, four PIANC Technical Commissions (**EnviCom**, **InCom**, **MarCom**, **RecCom**) cover the different areas of waterborne transport infrastructure: Environmental, Inland navigation, Maritime navigation, and Recreational navigation. These Commissions supervise the work carried out by PIANC experts in the respective Working Groups on subjects of interest. The reports prepared by these Working Groups are the core business of our Association.

PIANC A-NZ has national member representation on EnviCom, MarCom and RecCom. We also have representation on PIANC Commission for Countries in Transition – International Co-operation (CoCom), and Young Professionals (YP-Com).

Note that PIANC's global finances and promotion/marketing are handled by **FinCom** and **ProCom** respectively. Currently PIANC A-NZ is well represented by Neil Lawson as PIANC V-P. (see final story below)

All our Commission Leads work very hard to ensure PIANC A-NZ stays connected and involved. They are as follows:

Commission	A-NZ Representative	
CoCom PTGCC	Associate Professor Ron Cox	
EnviCom	Marika Calfas, Alternate Ron Cox	
ExCom FinCom ProCom	Neil Lawson as V-P	
MarCom	Peter Fountain, Alternate Scott Keane	
RecCom	Greg Britton	
YPCOM	Rodney Hancock, (A-NZ Chair) Chip Pohlen, (YP NZ) Tom Shand (Asia Pacific Vice Chair - pictured left)	  

## Membership Report

2019 saw continued growth in both individual and corporate members of PIANC A-NZ. Corporate membership is an ideal means to provide increased opportunities and remains a key focus moving forward.

For new corporate member Maritime Constructions based in Western and South Australia, joining PIANC makes great business sense. Imran Lambay, GM of Western Region said, "As a marine infrastructure contractor, we will benefit greatly from understanding and contributing to the climate change adaptation strategies being discussed at PIANC."

### PIANC A-NZ Membership 2013 - 2019

	2013	2014	2015	2016	2017	2018	2019
<b>Individual</b>	86	84	82	83	101	90	118
<b>Corporate</b>	43	41	44	53	64	73	77
<b>Life</b>	1	1	1	1	1	1	1
<b>Student</b>							1

## Regional Chapters Report



In 2019 PIANC A-NZ furthered its aim of developing regional chapters. The project was driven by Board Member Luke Campbell, who believes, with the Board, that as well as contributing to an international body of knowledge, and sharing industry knowledge and best practice, PIANC is about bringing people in our industry together, and supporting the next generation of professionals in the industry.

We hope that effective regional chapters will support and enhance all these aims and activities. Regions will be interlinked – with sharing of event materials and content between chapters, and, where possible, eminent speakers – international or national. But they will also focus on local needs and regional requirements.



In 2019 18 events were hosted around the region – in Adelaide, Auckland, Brisbane, Darwin, Hobart, Melbourne, Perth, and Sydney, supported by burgeoning new chapters. Each Regional Chapter has an independent leadership committee with responsibility to manage its own regional events and communications while also reporting to, and liaising with, the National PIANC ANZ Board and PIANC Comms.

Each Regional Chapter leadership committee also includes a [Young Professional Representative](https://pianc.org.au/about/regional-chapters-2019/). More information is here. <https://pianc.org.au/about/regional-chapters-2019/>

## PIANC A-NZ MEMBERSHIP SURVEY



Increasing meaningful and regular interactions with our members was the main mission of PIANC A-NZ in 2019. To that end a membership survey was undertaken, led by Board Observer Amanda Martin, seeking feedback from members on their reasons for and expectations of membership, and how we can better engage with and provide value to them. 52 survey responses were received from PIANC members (excluding Board members).

Some key findings:

- Gaining access to advanced technical information was a key driver for membership for PIANC, with almost half (44%) of all respondents selecting this as a reason for joining. Other important reasons were being able to share as well as receive knowledge and expertise (36%).
- Conferences were the most important information sought by respondents (63%); closely followed by Working Groups and reports (62%) and Issues and trends impacting waterborne transport infrastructure (62%)
- International PIANC updates were also valued with 44% of respondents indicating this information was important.
- Well over half (58%) of respondents were already involved or interested in being involved in a Regional Chapter
- Nearly two thirds (62%) of respondents are either satisfied, or very satisfied with the current communications they receive from PIANC A-NZ, although a significant proportion of respondents (27%) did not answer the question.

## Young Professionals

The Young Professional (YP) Committee is a vital part of PIANC's future. In 2019, Rodney Hancock served as A-NZ Chair and Dr Tom Shand as Vice-Chair for the YP Asia-Pacific region.



The Biennial Technical Visit (BTV) is PIANC's signature international event for Young Professionals (YPs). The 2019 BTV was held in Singapore in June, with Tom Shand instru-

mental in the preparation and delivery of the event. This year's BTV was the first hosted by an Asian country and as Rodney reports, "it set a very high standard with strong and diverse attendance, a great line-up of presentations including PIANC A-NZ Board member Ron Cox, some truly fantastic technical site visits, and of course some convivial social functions throughout the week.

A series of local networking events were hosted by YP PIANC A-NZ in 2019, including events in Adelaide, Auckland, Darwin, and Sydney. Highlights included

In August the NSW Chapter of PIANC ANZ and the Port Authority of New South Wales organised a technical tour of the Overseas Passenger Terminal at Circular Quay, one of the most iconic and memorable cruise hubs in the world. Following the tour, all the attendees met at Cruise Bar's courtyard just next to the terminal for drinks and canapes



In October 30 YP's from PIANC ANZ were hosted by the Wynyard Edge Alliance on a tour of the America's Cup infrastructure construction project. The tour included visits to the

Hobson Wharf Extension, the new breakwater structures off Halsey and Wynyard Wharves and new Team New Zealand base. The tour concluded with a networking event in the Wynyard Quarter.

With recent and planned major projects shaping Darwin and its port activities, PIANC YP-Com took the opportunity in November to provide an event that would connect the local coastal and maritime community. The event was organised by local PIANC YP-Com Rep Jade Hundziak who described how she is keen to establish and build a PIANC community in which people from throughout industry and academia can share knowledge and expertise.

At every event, participants enjoyed the opportunity to network with other PIANC young professionals over a casual setting. We look forward to hosting more PIANC YP networking events in 2020.

## V-P – Half-term Report



Following eighteen years as Chair of PIANC A-NZ, Neil Lawson achieved something no other Australian or New Zealander has achieved in the history of PIANC – becoming a Vice President of PIANC International in June 2017. Now just over halfway through his four-year term we can report on the some of the activities that he has been involved in.

Since his appointment as V-P Neil has taken the opportunity

to get involved in PIANC's financial and marketing/promotional matters through FinCom and ProCom. These Commissions reflect Neil's interest in finance and business marketing and growth.

Some of the PIANC matters which Neil has been involved in are:

- Gaining agreement that summary videos and PowerPoint displays will now be prepared by each Working Group at the completion of their task. Implementation of this is now underway.
- Assisting with the National Sections who do not have government support for the payment of subvention.
- PIANC A-NZ has been particularly successful in promoting PIANC in the region. The ANZ model is being used to assist other National Sections to grow.
- Singapore is about to become a full National Section with the assistance of Neil and his Japanese colleagues, and fellow PIANC A-NZ Board member, Ron Cox .
- The decision to hold the next World Congress in Cape Town in 2022 was a big decision for PIANC. Neil Lawson, along with the Secretary General Geert van Cappellen, is very active in supporting South Africa to ensure that this is a successful event.
- Neil was one of the leaders in developing and launching a new PIANC Asia-Pacific conference. PIANC APAC is the new biennial forum for Asia Pacific and beyond – focusing on harbours, ports and recreational boating in the region. [PIANC APAC 2020](#) will be hosted in the vibrant city of Fremantle, Western Australia 16-19 June. Neil has promoted this conference internationally and it is now an accepted part of the PIANC International calendar.

PIANC A-NZ thanks Neil for his tireless work in building the PIANC regional and international community. We are well represented!