

PIANC Australia in 2012

PIANC Australia National Section

PIANC Australia's vision is to be the recognised leader in establishing best practice and standards of excellence in the sustainable development of infrastructure and operations of Australasian ports and waterways.

PIANC Australia has a growing membership which currently comprises about 39 corporate members and 85 individual members.

PIANC international working groups develop regular technical updates on pressing global issues to benefit members on shared best practices. PIANC Australia is one of the largest of the 23 recognised national sections within PIANC internationally.

Overview of the Australian Members

	2010	2011	2012
Individual	86	94	87
Corporate	28	34	39
Life	1	1	1

Board Members of the Australian Section

- Neil Lawson - Chairman and Treasurer
- David Anderson - Deputy Chairperson
- Alan Betts
- Stuart Bettington
- Marika Calfas
- Assoc Prof Ron Cox
- Peter Fountain
- William Glamore
- Tim Green
- Scott Keane
- Lex Nielsen



PIANC Australia Working Groups

The Board of PIANC Australia operates through 5 Working Groups which work between Board Meetings and present their activities and progress at each Board Meeting. These Working Groups and their objectives are:-

Outreach Working Group

- Ensure the objectives of PIANC Australia align with governance and policy frameworks of PIANC International
- Actively support the work of PIANC International:
 - PIANC Australia representative to attend AGA
 - Respond to all issues of significance to Australia for Council meetings during the year.
 - Establish active links and champion Australia's involvement and attendance at Congresses.
 - Promote and achieve membership on Commissions especially MarCom, EnviCom, CoCom and YPCom.
 - Active PIANC Australia membership involved in Working Groups.
- Establish strong links with South Pacific and SE Asian countries in transition:
 - Strengthen ties and technical links with relevant stakeholders/ industry participants in South Pacific and SE Asian countries.
 - Sponsor places at the Australasian Coast and Ports conference and pre-conference technical work-shop for South Pacific and SE Asian countries.

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Education and Technical Program

- Hold the Australasian Coasts and Ports conference:
 - Deliver the two-yearly Australasian Coasts and Ports conference in conjunction with Engineers Australia.
 - Deliver a technical workshop immediately prior to this Conference.
- Hold workshops, seminars, forums, visits:
 - Deliver an annual workshop in partnership with New South Wales Coast Ocean and Ports Engineering Panel of Engineers Australia (COPEP) and expand this concept to other States.
 - Deliver workshops in capital cities including one or more high profile presenters/speakers.
 - Arrange member site visits to Australasian port and waterway infrastructure.
- Raise awareness of PIANC activities:
 - Keep Australian members and other stakeholders informed about relevant PIANC events.
 - Maintain active links to the PIANC International website.
- Identify new issues and research needs:
 - Promote relevant research.
 - Encourage broader membership and involvement in PIANC activities.

Marketing and Communications

- Determine target groups for PIANC marketing including for example:
 - Existing members.
 - Federal and State Government organisations.
 - Port and waterway industry representatives.
 - Prospective members from a wider range of disciplines.
 - Possible supporters and benefactors.
- Raise awareness of PIANC's brand and role with target groups and key stakeholders.
- Maintain PIANC Australia website including:
 - Membership benefits and application forms.

- Latest news and project snapshots.
- Sponsorship and advertising within the PIANC Australia website.
- Develop a marketing and communication strategy and deliver information by, for example:
 - Prepare a fold out flyer for members and prospective members outlining role functions, industry benefits and member benefits.
 - Advertise PIANC in relevant media.
- Host events in the name of PIANC Australia including:
 - Hosting technical events and programmes in conjunction with conferences, workshops and seminars.
 - Consider program of social events for members and prospective members.

Membership and Networking

- Maintain an understanding of members' needs.
- Increase corporate membership including industry, Federal and State Government and statutory organisations.
- Increase individual membership.
- Strengthen the network with key industry stakeholders to raise profile of PIANC Australia, attract corporate membership and seek wider partnerships.

Board Operations and Performance

- Oversee for the orderly succession of the Chair and Board Members.
- Align particular Board Members to PIANC Commissions (in particular MarCom, EnviCom, CoCom, YPCom).
- Establish Board Committees to develop and implement Action Plans.

Activities in 2012

COPEP/PIANC Australia Presentation - The Port of Sohar Bulk Jetty Project - 15 May 2012

PIANC Australia in 2012

This presentation by Mike Chambers provided a review of a Bulk Jetty project in Sohar in Oman, the jetty being designed to receive VLOC's of up to 400,000 DWT. The jetty was designed to service a pelletising plant that receives iron ore from Brazil and produces pellets for export to India and South East Asia. The jetty therefore had to accommodate both import and export vessels on a regular basis.

The review covered firstly the dredging to accommodate the 23m draft of the VLOC's.



The design and construction process had a very tight programme involving the contractor in mobilising a large fleet of floating plant and equipment.

The complete length of the structure totalled some 1380m, the major achievement of the project was producing the completed structure able to take vessels in such a short period thus managing a very congested and busy site. The technical aspects of the project included piling in 25m water depths with a superstructure prefabricated as much as possible to achieve.

COPEP/PIANC Australia Half Day Workshop – Sydney Harbour: Natural Environment, Transport and Infrastructure – 20 August 2012

Sydney Harbour (including the Lower Parramatta River) is one of Australia's unique assets. Many individuals and organisations closely interact with Sydney Harbour as they live alongside, work, travel on and enjoy this harbour. Recognising that this environment is under pressure from our interactions with Sydney Harbour; this seminar provided information and understanding on the

naturally changing environment in Sydney Harbour as well as the challenges faced both now and in the future.



The seminar had two main themes; understanding the natural environment followed by the second main theme of transport & infrastructure. Selected speakers with significant knowledge and expertise provided presentations on topics including: ecological habitat, hydrodynamics, water and sediment quality, sea level rise, coastal zone management, commercial, passenger ferry and recreational vessel use as well as selected case studies on Infrastructure.

PIANC Australia International Outreach – 17 to 18 October 2012

Two members of PIANC Australia's Board, Scott Keane and Ron Cox, attended the Pacific Maritime Transport Alliance (PMTA) conference in Tonga. The Pacific Maritime Transport Alliance is made up of member ports of the Pacific Islands including:

- America Samoa
- Cook Islands
- Federated States of Micronesia
- Fiji
- French Polynesia
- Kiribati
- Marshall Islands
- Nauru
- New Caledonia
- Niue
- Northern Marianna Islands
- Palau
- PNG
- Samoa
- Saipan
- Solomon Islands
- Tonga
- Tuvalu
- Vanuatu

PIANC Australia in 2012

COPEDEC Conference, Chennai - February 2012

PMTA activities are constrained largely by limited funds and, as such, they receive support from the Secretariat of the Pacific Communities (SPC).

The trip represented an opportunity to introduce PIANC Australia and show Pacific ports the considerable information available to them from PIANC publications.

In developing a relationship with PMTA as a means to building capacity in Pacific ports, PIANC Australia has:-

- become an Associate member of PMTA
- donated 2 years membership for PMTA to PIANC
- offered part sponsorship for 2 PMTA members to attend the Coasts and Ports conference in Sydney September 2013
- offered trial access to PIANC materials

These actions are in accordance with the PIANC Australia strategic plan and consistent with the objectives of CoCom.

Many of the Pacific Countries are particularly vulnerable to climate change risks and lack the tools or budgets to better prepare for these risks and plan for the future.

The Board of PIANC Australia welcomed PMTA to membership of PIANC.



PIANC Australia in 2012

Ron Cox as a member of the Paper Selection Committee, Board member of PIANC Australia, member of CoCom and presenting author attended the very successful 8th International Conference on Coastal and Port Engineering in Developing Countries.



Organised by PIANC Australia and The National Committee for Coastal and Ocean Engineering (Engineers Australia) the Coasts and Ports Conference series is the pre-eminent forum in the Australasian region for professionals to meet and discuss issues extending across all disciplines related to coasts and ports. The Conference theme "**acclimatising**" recognises that our coasts are dynamic and that human development requires close understanding of coastal processes irrespective of any longer term climate variability. The theme further reflects policies, planning and research that are taking place for effective Climate Change adaptation, including real life examples of design in consideration of expected Sea Level Rise on our coasts and ports. The program will include high profile national and international speakers, including a PIANC Keynote Speaker.

Water Research Laboratory Seminar: Coastal/Port Structures and Sea Level Rise: Adaptive Management Approach - 2 April 2012

Presentation by John Headland, VP PIANC
This presentation was at the Water Research Laboratory on Monday 2 April 2012.

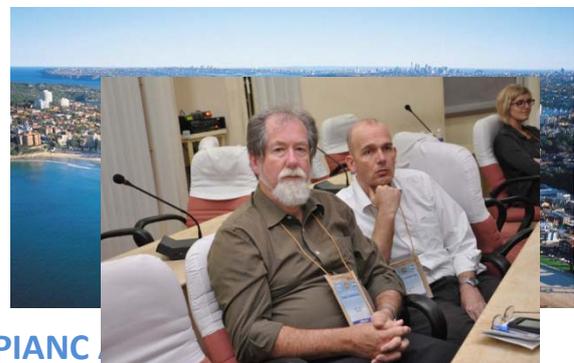
It was proposed that coastal/port projects should be planned in a way that accommodates projected sea level rise (SLR). In the absence of codified planning guidance, coastal/port agencies are often at the centre of the SLR debate and are forced to plan in an ad hoc manner. The seminar presented an adaptive management approach that can be used to develop a long-term plan that responds to potential forecasted SLR. A case study was used to demonstrate the approach, with an initial (existing) facility being improved / strengthened over time.

Annual General Assembly May 2012

The AGA in Spain was attended by the Chairman of PIANC Australia, Neil Lawson and Dr Terry O'Brien.

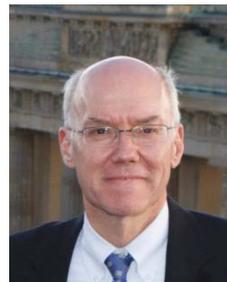
Activities in 2013

Coasts and Ports Conference - 11-13 September 2013 Sydney



PIANC 9-10 September 2013

A Sustainable Ports Workshop held over 1 ½ days will be convened before the Coasts and Ports Conference. This workshop will involve EnviCom members and Australian practitioners and will provide local and international expert comment on the issues facing ports with regard to sustainability in port development and operation.



PIANC Australia in 2012

Participation in Commissions and Working Groups

In 2012 PIANC Australia was represented in 4 Commissions and 8 Working Groups with ambitions to strengthen our representation further where appropriate.

Commission	Australian Representative
EnviCom	Marika Calfas/David Anderson
ReCom	Brad Saunders
CoCom	Ron Cox
YPCom	Joel Bailey/Rhys Jones

Secretariat

Neil Lawson
Chairman – PIANC Australia



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Australia