



PERON NATURALISTE POST

Winter 2019

Coastal Adaptation news and events from the South West of Australia

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WINTER 2019 UPDATE

Update from the Peron Naturaliste Partnership (PNP)

The PNP held our 2019 AGM on Friday 26th July at Bunbury Council Chambers, where we welcomed our incoming Chairperson from the City of Rockingham, Cr. Mark Jones. Thank-you to City of Busselton Deputy Mayor Cr. John McCallum for his effort and commitment to the PNP as our outgoing Chairperson. Thank you also to Cr. Knight who is continuing in the role of Deputy Chair and all of our continuing Board Members. We look forward to working with our coastal communities this coming year and beyond to assist in addressing the shared challenges posed by climate change. In the coming months the PNP will commence the CoastSnap program and will be fine tuning our 2020-2022 Strategic Plan and associated Community and Stakeholder Engagement Strategies for the Board to consider at our November Board meeting to be held at the Shire of Waroona.

Photo -PNP Deputy Chairperson Cr. Caroline Knight and recently elected Chairperson Cr. Mark Jones at PNP BNP Board at AGM in Bunbury Council Chambers.



LATEST NEWS IN COASTAL ADAPTATION

Coastal Monitoring - in the spotlight

Local government officers and volunteers across the PNP region are continuing to undertake the monitoring and seeing some erosion and seasonal changes to our beaches. The City of Mandurah has undertaken some sand nourishment at one of its beaches in San Remo, as can be seen in the photo taken in June, where there has been a reduction in beach width.

Photos below: October 2018 (65m wide beach).

June 2019 (36m wide beach).



WA Coastal Grants Announced

The WA Coastal Grants programs announced the successful bids for funding for 19-20 in early August. \$1.5 million was allocated for coastal projects across WA by the State Government. To see the media statement click [here](#). The PNP was successful with our grant application to the Department of Transport to undertake the first CoastSnap photo point community coastal monitoring project in WA. Please see a list of other projects for details on our successful PNP CoastSnap Project. The DoT Coastal Adaptation and Protection Grant is great news for the PNP and our members. Congratulations to other successful bids in this year's coastal grants rounds.

Climate Change Authority Currently Seeking Feedback on updated advice to the Federal Government by 23rd August.

The Climate Change Authority has released a Consultation Paper on updating its previous advice to the Federal Government on policies to meet Australia's commitments under the Paris Agreement. The Consultation Paper is available [here](#) and more info on the WALGA's InfoPage.

LATEST NEWS IN COASTAL ADAPTATION

Green Paper – Proposals for modernising the planning system

The PNP provided comment on the State Governments Green paper - Proposals for modernising the planning system. A Summary of Submissions and Action Plan has been released. The PNP submission supported a review of the role and purpose of the Coastal Planning Committee. This committee does not currently meet and has been replaced by the Coastal Management Advisory Group (CMAG). Our submission included comment that we do not believe that the CMAG is an appropriate replacement for the Coastal Planning Committee. Our submission also noted that WA should consider adopting coastal management legislation, policy and regulatory frameworks similar to those in other states. The Summary of Submissions noted that there was broad support for a review of the purpose and function of the Coastal Planning Committee. Furthermore it advised that; “The local government sector and some planning practitioners acknowledged the increasingly important role of coastal planning and supported a review of the current committee’s purpose, function and governance arrangements to ensure it could fulfil its function effectively. Some stakeholders also noted that interstate and international jurisdictions have enacted coastal management legislation and associated governing bodies and that similar arrangements may be needed in Western Australia.” The Summary of Submissions is available [here](#).

Premiers Statement and WA Coastal Erosion Hotspot Report release

The Assessment of Coastal Erosion Hotspots in Western Australia, released by the State Government today, identifies 55 locations across the state where coastal erosion is expected to have a significant impact on public and private property or infrastructure in the next 25 years. The Statement can be seen if you click **here** and for report and more information is available link: <https://www.transport.wa.gov.au/imagine/coastal-erosion-and-stability.asp>

Related Article - Way of life' at risk: Erosion report reveals beaches, 28 properties at risk of being washed away.

LATEST NEWS IN COASTAL ADAPTATION

PNP Media Statement on release of Coastal Hotspots Report (Summary)

The recently released Assessment of Coastal Erosion Hotspots in WA identifies hotspots' where coastal erosion is expected to impact on public and private land and assets that will require management and adaptation action within the next 25 years. The report also notes that climate change is a contributing factor in perception of coastal erosion threat.

The State Government estimates it will cost \$110 million to tackle erosion over the next five years, and has called for the Commonwealth Government to contribute funding as part of a coordinated federal, state and local government approach. Local government and communities are at the forefront of coastal hazard risks and have been largely left alone to take a leadership role to prepare and respond to these risks that are being exacerbated by climate change.

The hotspot report indicates that 14 of the listed 55 'hotspots' in WA are in the PNP region, including; Waikiki Beach, Mandurah northern beaches, Binningup, Koombana Beach and a number of beaches in Busselton.

The PNP welcomes the release of the report and commends the Premiers announcement that coastal management is a shared responsibility and will be raising this at the Council of Australian Government (COAG) meeting held in August. PNP recently elected Chairperson Cr Mark Jones from the City of Rockingham states "It is important to acknowledge that we are seeing impacts from climate change on our coast and these impacts are projected to increase over time. Regional collaborations such as the PNP are ideally placed to support the vertical integration of government needed to tackle these matters."

- updated 21/8/19

Coastal Erosion WA Whats going on what can we do?

Source: Garry-Middle, LinkedIn.

WA Coastal Erosion Special - 19th July . Source: ABC Radio Perth.

LATEST NEWS IN COASTAL ADAPTATION

New Coastal Hazard Risk Management and Adaptation Guidelines, 8th Aug.

The State's coastal planning policy is set out in State Planning Policy 2.6: State Coastal Planning Policy (SPP2.6). SPP2.6 Cl. 5.5 requires Coastal Hazard Risk Management and Adaptation Planning (CHRMAP) to be undertaken where existing development is in an area at risk of being affected by coastal hazards. In 2014 the Western Australian Planning Commission published CHRMAP Guidelines and a review of the CHRMAP Guidelines has just been completed and endorsed by the WAPC.

The new CHRMAP Guidelines is an improved and expanded step-by-step, how to guide for coastal planners to develop a framework for managing the risk arising from coastal hazards. Having an adopted approach for CHRMAP promotes consistency along WA's long and varied coastline for considering risk, and its management. Publication of these CHRMAP Guidelines provides an important explanatory function, in addition to providing a consistent framework.

The key improvements include the revision of Stage 3 Vulnerability Assessment and Stage 5 Risk Treatment, providing additional detailed guidance and examples.

Key additions have been included in Part A Introduction providing more detail on the elements required in establishing the process framework, and Stage 6 Implementation providing guidance including land use planning instruments and funding.

Climate Change Webinars

The Climate Change Innovation Lab has organised a series of climate change webinars designed for Local Government. Upcoming webinars include:

Climate Risk in the Water Sector - Thursday, 29th August 2019

Case Study: Huon Valley Council - Thursday, 12 September 2019

Risk Transparency with City of Marion - on Thursday, 26th September 2019

To access: Go to website, [click here](#), Use code WALGA to for cost (\$140) deducted.

LATEST NEWS IN COASTAL ADAPTATION

Climate Health WA Inquiry

In March 2019, the State Government announced an investigation into the implications of climate change, including more frequent and intense weather events, on health. As part of this inquiry, the WA Department of Health hosted a number of public forums including Bunbury on August 13. Our PNP Officers attended and contributed to the workshop along with 10 key stakeholders. These forums provided stakeholders and the community an opportunity to discuss how climate change is affecting their region and how health services can prepare for these impacts. More information on the Climate Health WA Inquiry is available at the Department of Health.

CoastAdapt to remain 'live' until June 2021

The Australian Coastal Councils Association were advised by the Environment Minister Sussan Ley MP that the climate adaptation website CoastAdapt would remain 'live' until June 2021. Developed by the National Climate Change Adaptation Research Facility (NCCARF), in March 2020, NCCARF will hand over management of the website to the Griffith Climate Change Response Program, at Griffith University. NCCARF is in the process of creating a static legacy website that will carry all resources produced since being established in 2008.

Beach Emergency Numbering System

The beach emergency numbers (BEN) system – is a coding system that aims to improve emergency response times by installing signs with unique codes at public beach access points.

These signs provide specific location information, vital when emergency services are deployed in the event of a shark sighting, attack or other beach emergencies.

EVENTS AND CONFERENCES

Australasian Coasts and Ports Conference, Hobart, 10-13 Sept 2019

WA NRM and Coastal Conference 2019

1-4th October, Joondalup. Program is now available!

Coast to Coast Conference 2020 - 27-29th July, Cairns. Save the date!

ARTICLES AND LINKS (click on article for link)

Australian Coastal Councils Association August Newsletter (pdf link)

Association representatives discuss coastal hazards with Environment Minister

Staten Island seawall: Designing for climate change, CNN

Shocking Mettams Pool erosion sparks expert's dire warning

Source: WA Today

Rising tide, erosion a threat to Port Phillip Bay's beachside suburbs

Source - The Age

It's time for Australia to commit to the kind of future it wants: CSIRO Australian National Outlook 2019

Source - The Conversation

Clarkes Beach stripped by erosion, lack of replenishing sand normally swept around Cape Byron

Source - ABC News

What kind of country will Australia be in 2060?

Source: CSIROscope

The science of our atmosphere - from ship to shore, at sea and in schools - forecasting, modelling and measuring

Source – CSIRO Newsletter

Ozone uptake in oceans much lower than previously thought

Source - CSIROnewsletter

Antarctic glacier melt could lead to 50cm sea level rise - PNAS, Full report.

Coastal hazards challenge councils in New Zealand - Deep South Challenge.

Climate Emergency Councils

FEATURE ARTICLES (click on article for link)

The health impacts of climate change and why calls for action are growing louder

ABC Special on coastal erosion in WA

Collaborative Science and Coastal Adaptation

Source: Australian Coastal Society - Bruce's Blog, 2nd August

Collaborative Science to Enhance Coastal Resilience and Adaptation

Source: Frontiers in Marine Science, July 2019

Next WALGA CHRMAP Forum 28th October 2019

Save the Date- Upcoming PNP Committee and Board Meetings
PNP Coastal Planning and Management Committee - 23rd October,
City of Rockingham.

PNP Board - 8th November 2019, Shire of Waroona.



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