



PERON NATURALISTE POST

Summer Issue 2021-2022

Coastal Adaptation updates, news and events from the South West of Australia.

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Welcome to the Summer 21-22 Edition of the Peron Naturaliste Post!

Message from our Chair at our 2021 AGM.

It is my pleasure to report on another year of achievements for the PNP, thanks to the dedicated contributions of my fellow Board members, our officers and staff from our members local governments. In what has been a difficult and challenging year, the PNP has continued to strive to deliver on our objectives from our Strategic Plan. I would like to take this opportunity to remind you all of these.

Our objectives are to:

- Promote Integrated Coastal Zone Management and support member local governments to collaborate and share knowledge and experience regarding coastal adaptation planning and management,
- Advocate for effective coastal legislation, policies and regulatory frameworks and the need for effective leadership, funding, and guidance on coastal climate change adaptation.
- Assist member local governments to adopt a shared consistent approach,
- Ensure member local governments are aware of the potential coastal and legal risks,
- Identify and develop research partnerships with relevant organisations and agencies,
- Communicate coastal climate change science and adaptation with the community,
- Share knowledge and experience in climate change related matters,
- Communicate our regional effort, gaps and findings of local Coastal Hazard Risk.

Continue Message from the Chair...

Over this past year, we have worked to meet these objectives through our project work, advocacy, community involvement, sharing of knowledge and capacity building.

· Officers from our member local governments have been busy monitoring the 79 sites across the region in accordance with the 10-year Action Plan. The success of this project would not be possible without their commitment and expertise. We also carried out a review of the program and analysis of the of the first three years of data. This was partly funded by a \$30,000 grant from the Department of Transport.

A number of improvements that were highlighted in a training session for PNP and member local government officers, including undertaking beach profiles and sediment sampling at coastal hotspots, which we were successful in acquiring a grant to complete in 2021/22.

· Our PNP CoastSnap Community Monitoring Program has proven to be a very useful tool not only to gain useful coastal data but as a means to engage and involve the community. As part of the grant to initiate this program, the University of Western Australia (UWA) developed a report that included analysis of the first 6 months of data. UWA is also developing a training package so that PNP and local government officers can undertake basic data analysis. Building on the success of this project, we have been successful in gaining a grant to develop and implement a real-time monitoring of coastal community values project in the coming year.





Photos - thank to PNP Chairperson, Cr. Mark Jones, 2022

Continue Message from the Chair...

· City of Bunbury and Shire's of Dardanup, Capel and Harvey Coastal Hazard Risk Management and Adaptation Plan (CHRMAP) – the PNP is project managing this significant project spanning 4 local government areas that includes a number of areas with significant erosion and inundation risks. The PNP received a sizable grant of \$125,000 from the Western Australian Planning Commission. Not only is the success of the grant application a demonstration of the significant strengths of the partnership, there are practical, technical and capacity advantages from developing a CHRMAP across local government boundaries.

PNP Officers have also been involved in assisting our member Councils in the development of their plans including; the Shire of Murray and City of Mandurah CHRMAP's and the Shire of Waroona's Preston Beach Foreshore Management Plan.

The PNP has continued to lobby government and political parties on coastal climate change matters. It was pleasing to see that many of our comments and recommendations were included in the updated State Planning Policy 2.6 State Coastal Planning Policy Planning Guidelines. We also advocated on coastal climate change matters with the major political parties in the run up to the 2021 WA election.

Continue Message from the Chair...

Developing working relationships and partnerships has continued to play an important role for the PNP. This past year we have been working with UWA's Oceans Institute and School of Earth Sciences on the CoastSnap Project and with the coastal monitoring project. Officers have also been a member of the Future Earth Reference Group for UN Coast and Oceans Transformation Strategy and sat on the project subcommittee that developed the Coastal Hazard Planning Issues Paper and the provision of legal/liability advice for local government. Officers have also been actively involved with other stakeholders including UWA, WALGA, State Government, WA Marine Science Institute, Perth Region NRM, Australian Coastal Society and coastal experts in the development of a Coastal Research Priorities White Paper. This paper, which will be released soon highlights coastal climate change research gaps in WA.

Thanks once again in what has been a busy and productive year for the PNP. I look forward to continuing to work together to address the coastal challenges posed by climate change. In a year that has seen numerous significant climate change impacts in the world from flooding to fires, the importance of groups such as the PNP are fundamental in building more resilient communities.

Mark Jones, City of Rockingham, PNP Chairperson.

10 Years of the Peron Naturaliste Partnership

Climate change is a significant concern for many in the community and is particularly concerning for local governments who have to plan and manage for the hazards and risks associated with sea level rise. Recognising the challenges, in 2011 nine local governments from Rockingham to Busselton started a unique collaboration - the Peron Naturaliste Partnership.

Peron Naturaliste Partnership Chairperson and City of Rockingham Councillor Mark Jones said the partnership is a great example of how local governments can come together to address an issue such as climate change that requires strong and unified action.

"The impacts of climate change such as sea level rise and more intense rainfall events is happening all along our coast, so it makes sense from a resourcing and practical perspective to tackle this issue together," Cr Jones said.

10 Years of the Peron Naturaliste Partnership continued ...

“The partnership has successfully delivered numerous projects that have included identifying and assessing coastal hazards to seeking the community’s views on what they value about the coast. We are also undertaking a long-term coastal monitoring project across the roughly 200km of coastal and estuarine areas so that we have a better understanding and capacity to respond to erosion and flooding hazards”

The Peron Naturaliste Partnership has gained funding in excess of \$900,000 to date and has proven to provide a strong voice to advocate for action on coastal climate change matters at the State and Federal Government levels.

Peron Naturaliste Partnership Coastal Adaptation Coordinator Joanne Ludbrook said, when starting in this role ten years ago, ‘At the time, it was exciting to be part of an establishing regional partnership focused on coastal climate change adaptation. Climate Change matters across our coastal communities are complex and increasingly important. Over the past 10 years, the PNP has allowed me to work with decision makers, technical experts and our coastal communities. The PNP has seen great leadership within the Board and support and involvement of staff from all 9 member councils.

More information on the partnership is available on the website at <https://www.peronnaturaliste.org.au>



From left: City of Rockingham Cr. Mark Jones (PNP Chair), Officers Joanne Ludbrook and Craig Perry and Deputy Mayor of Mandurah Cr. Caroline Knight (Deputy Chair), receiving the 2019 WA Coastal Award of Excellence - Coastal Planning Category

PNP UPDATES continued...

Beach Profile Surveys and Sediment Sampling

The PNP has engaged surveyors MNG to undertake beach profile surveys and collect sediment samples at 20 locations in the PNP region. UWA is undertaking the Particle Size Distribution analysis of the sediment. This information will support decision making and increase our understanding of coastal processes. This work is a recommendation of the Review and Analysis of the PNP Regional Coastal Monitoring Program Report (Cardno, 2021) and is in accordance with the PNP Coastal Monitoring Action Plan.

The surveys will show how representative the beach width measurements, that are collected monthly by PNP member local government officers, are of actual beach form and volume and will show any ongoing changes in this – i.e. accretion/erosion. The first surveys were completed in December 2021, with another 3 surveys to complete – before and after a significant event and then again in April. This project is part funded with a Department of Transport CAP Grant.

CoastSnap Coastal Values Project

The PNP has partnered with Researchers at UWA to identify how people use and value local beaches. CoastSnap users who upload photos at one of the CoastSnap photo monitoring points will have an option to participate in a short 5-minute survey regarding the beach and its value to them. You can view the survey at tinyurl.com/beachvalue

The project, which is part funded by a CoastWest grant, will capture beach goers' perceptions and values of the coast. It will identify how people's values and perceptions may change over time, under different beach conditions, and enable comparison across the nine CoastSnap locations.

Data collected from the survey will assist the PNP, the member local governments and other decision makers to better plan and manage coastal areas so that coastal values such as recreational and tourist amenity and public access to the coast are maintained into the future. The project will also raise community awareness about coastal processes, hazards and risks along our coast, which is becoming increasingly important due to climate change.

More information is available on the PNP website and CoastSnapWA Facebook page.

GRANTS AND FUNDING ANNOUNCEMENTS

FEDERAL FUNDING ANNOUNCEMENT

Coastal and Estuarine Risk Mitigation Program 22-23

You may have noticed a recent announcement that Commonwealth is expected to roll out \$50 million Coastal and Estuarine Risk Mitigation Program to mitigate disasters relating to coastal hazards. Link below for your awareness and planning.

<https://recovery.gov.au/coastal-and-estuarine-risk-mitigation-program-22-23>

2022/23 CoastWA Grants are open – close midday Monday 4 April 2022.

CoastWA grants incorporate the WAPC's Coastwest and Coastal Management Plan Assistance Programs, and the Department of Transport's Coastal Adaptation and Protection grants. Application guidelines and application forms for Coastwest and Coastal Management Plan Assistance Program (CMPAP) grants are available at www.wa.gov.au/government/document-collections/coastwa-grants.

Coastwest grants support projects designed as a response to the challenges facing Western Australia's coastal environments.

Grants between \$5,000 and \$60,000 are available from for community groups and coastal managers (local governments or Aboriginal land councils)

To discuss project eligibility please contact Christopher Lukes, Policy and Grants Manager on 6551 9349 or coastalgrants@dplh.wa.gov.au.

CMPAP provides grants to coastal land managers to support the implementation of State Planning Policy 2.6 – State Coastal Planning Policy (SPP2.6):

- Grants of up to \$200,000 are available for:
 - a coastal hazard risk management and adaptation plan (CHRMAP), including hazard assessment
 - CHRMAP component(s)
 - Implementing actions of an adopted CHRMAP
 - review of CHRMAP
 - a coastal strategy (or review of existing)
 - a foreshore management plan (or review of existing)

To discuss project eligibility please contact Sam Bishopp, Senior Planning Officer on 6551 9182 or coastalgrants@dplh.wa.gov.au.

EVENTS AND CONFERENCES

WA State NRM & Coastal Conference 2022

The City of Mandurah and Shire's of Murray and Waroona will host the 2022 State Natural Resource Management and Coastal Conference. The conference will be held in Mandurah from 20 September – 22 September 2022. Registrations and Abstracts are now open <https://www.nrmandcoastalconference.org.au/> The WA Coastal Awards will also be held as part of this event. We encourage you all to attend this important WA event that is being held in the PNP region with involvement from our member local governments and officers.

CoastWA Grants Q&A Info Session on 10 March

Location: Virtual

NEWS ARTICLES

WA Coastal News

WA Coastal and Marine Community Network and Australian Coastal Society WA Branch Newsletter - <https://mailchi.mp/a3da2e643a77/szwiyz263l-8810341?e=92e17e8bca>

New report finds \$30B needed to protect coastal communities

Wednesday, 17 November 2021

A new report released today by the Insurance Council of Australia (ICA) estimates that Australian Governments will need to invest \$30 billion in large scale coastal protection and adaptation projects over the next 50 years, as climate change makes coastal communities, property, and infrastructure increasingly vulnerable.

<https://insurancecouncil.com.au/resource/new-report-finds-30bn-needed-to-protect-coastal-communities/>

WALGA

Newsletter

Link

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https://mcusercontent.com/deaf6c84b27d6ba4ab394cdf0/files/6fd5ff00-417e-ac90-9a9b-5f8f4376d61f/CC_declarations_article_JM.pdf

Including Article on - City of Bunbury latest of WA councils to sign WALGA Climate Change Declaration. Now 80% of WA included!

Upcoming PNP Board Meeting- City of Rockingham/ via Zoom, 25th March 2022



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