



Peron Naturaliste
Partnership

PERON NATURALISTE POST

Spring 2020

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

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SPRING UPDATE

Welcome to the Spring 2020 Issue - Peron Naturaliste Post.

2020 Spring Edition is out! For further information on the Peron Naturaliste Partnership (PNP) and our projects, visit the PNP Website: www.peronnaturaliste.org.au Enjoy and please get in touch for any further information.

The PNP appointed Cardno to undertake a review of the PNP Coastal Monitoring Program, reviewing the initial 3 year implementation of the 10 year Coastal Monitoring Action Plan. Cardno had its first meeting with PNP Coastal Planning and Management Group on Friday 20th November.

The CoastSnap WA Facebook page includes a summary of the project, posts and photos for the community. Please remember when visiting the Peron Naturaliste coast to CoastSnap as much as possible and promote to maximise the number of photos taken and uploaded and value of data analysis. There is a video on the UWA Facebook page and further information on the PNP website and WA Coastal Images website.

The PNP attended the Australian Academy of Science Future Earth - Ocean and Coastal Sustainability Western Australia Workshop on 23rd September and Sustainable Oceans and Coasts Initiative Expert Working Group Meeting on 14th October 2020 via zoom.

Spring Update continued..

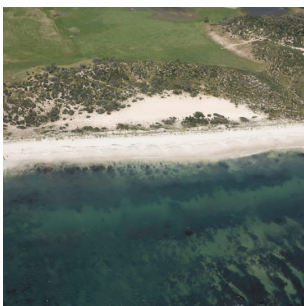
Coastal Hazard and Risk Management and Adaptation Planning (CHRMAP)

The City of Mandurah has engaged GHD to prepare a CHRMAP for its northern beaches from Roberts Point to Madora bay. GHD has completed its first round of community engagement undertaking a coastal values survey and community workshops. They have also completed a draft coastal vulnerability assessment which is currently under review and once complete will be undertaking the next stage which is the MCA analysis.

A draft of Chapter 1 for the Murray CHRMAP has been completed, this chapter is establishing the context of the CHRMAP in terms of setting the project boundaries, the existing policy framework and the methodologies for the determination of community values (SCEP included). As part of our community engagement process two pop-up drop-in Community Information Sessions were held on Wednesday 25 and Saturday 28 November. The Shire has sent 2500 letters out to the affected sections of the community inviting them to these sessions and encouraged the opportunity to drop in and ask questions and share values.

The Peron Naturaliste Partnership(PNP) has received WA State Government Funding through the CMPAP Grants to work with Steering Group Members and a consultant to develop a Coastal Hazard Risk Management & Adaptation Plan (CHRMAP) for the City of Bunbury & Shire's of Capel, Dardanup & Harvey, WA Department of Biodiversity, Conservation and Attractions (DBCA) and the Southern Ports Authority (SPA). The Steering Group met on the 23rd November to finalise the Scope of Works with the support and technical advice from DWER, DoT and DPLH to go to tender in the coming month.

This Project will greatly increase the knowledge and understanding of coastal risks and guide potential adaptation measures



SPRING NEWS

A review of New Zealand's Resources Management Act proposes a new piece of legislation; a Managed Retreat and Climate Change Adaptation Act.

The two main functions of the Act will be to: - provide for managed retreat, powers to change established land uses and to address liability and options for potential compensation- establish an adaptation fund to enable central and local government to support necessary steps to address climate change adaptation and reduction of risks from natural hazards.

<https://www.mfe.govt.nz/rmreview>

Opinion piece published by Politico.com, provides an interesting summary of the approach to managed retreat in the USA.

<https://www.politico.com/news/agenda/2020/07/14/climate-change-managed-retreat-341753>

Sea change in coastal science, 15th September 2020, Nature Communications

<https://www.nature.com/articles/s41467-020-18333-8>

Climate change: Coastal erosion 'to threaten more Australian homes'..

<https://www.bbc.com/news/av/world-australia-53576526>

Coastal flooding could hit nearly 20% of global GDP as climate change accelerates storms, sea level rise, 30th July 2020, CMBC.

<https://www.cnbc.com/2020/07/30/climate-change-coastal-flooding-could-hit-20percent-of-gdp-by-2100.html>

Extra 23 million people could face coastal flooding within 30 years, even with emission cuts, study says.

<https://www.theguardian.com/environment/2020/jul/31/extra-23-million-people-could-face-coastal-flooding-within-30-years-even-with-emission-cuts-study-says>

U.S.-European Sea Level Satellite Gears Up for Launch, 16th October 2020

<https://climate.nasa.gov/news/3033/us-european-sea-level-satellite-gears-up-for-launch/>

Seas are rising faster than ever, Science Mag, 18th November 2020
<https://www.sciencemag.org/news/2020/11/seas-are-rising-faster-ever>

Prepare for Hotter Days, Says the State of the Climate 2020 Report for Australia
<http://nespclimate.com.au/prepare-for-hotter-days-says-the-state-of-the-climate-2020-report-for-australia/>

Beaches can survive sea-level rises as long as they have space to move, Science Daily:
 27th October 2020.
<https://www.sciencedaily.com/releases/2020/10/201027133729.htm>

EVENTS AND CONFERENCES (click for link)

[Australian Coastal Society - Coast to Coast Conference, July 2021.](#)

Welcome to the 15th Coast to Coast National Conference – the Australian Coastal Society’s biennial national coastal management conference. This will also incorporate the 2021 Queensland State Conference. To be held at the Pullman Cairns International, 26 – 29 July.



[Our Coastal Futures Conference 2020](#)

The Our Coastal Futures Conference (OCF) was due to take place from 19 – 22 October 2020 at Southern Cross University, Gold Coast, due to the current situation concerning the spread of the coronavirus (COVID-19) and the unknown future impact this may have, the committee is currently working hard to select a suitable date in 2021 and will keep you posted.

All enquiries to Kate and Jenny, our conference managers via email at ocf2020@yrd.com.au



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AUSTRALIA



Australian
Academy of
Science

[National Coastal Hazards Forum.](#)

The Australian Coastal Councils Association has postponed the National Forum on Coastal Hazards. A new date for the Forum will be set once the current coronavirus restrictions have been eased.

ARTICLES

Bruce`s Blog - Shoreline Response to SLR

<https://australiancoastalsociety.org/blog/2020/november/07/shoreline-responses-to-sea-level-rise/>

WA based Research

The final article from WA based coastal hazard planning research has been published in the Urban Policy and Research journal. Enabling Managed Retreat from Coastal Hazard Areas through Property Acquisition and Transferable Development Rights: Insights from Western Australia, Ash Robb.

<https://www.tandfonline.com/eprint/BPNT3DV5IEH2PJWPNWCT/full?target=10.1080/08111146.2020.1768842>



Upcoming PNP Board Meeting

TBA Likely March 2021

Have a safe and fun festive season!



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