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**Topic:** Understanding coastal erosion in Port Phillip Bay

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**Date:** 12th May 2020

**Speaker:** Associate Professor David Kennedy  
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**Focus:** This forum provided an overview of coastal erosion and beach dynamics in Port Phillip Bay including understanding local dynamics in decision making. It also covered tracking 3D changes on beaches using citizen science with examples from Port Phillip Bay and New South Wales.

**Evaluation:** [Click here](#) to complete the 3-question survey

**Recording:** [Click here](#) to access a recording of this forum and all other *Talk of the Tide* events.  
Access password: !m@v!

**Resources:**

Victorian Citizen Science portal of 3D beach monitoring (part of the Victorian Coastal Monitoring Program), includes 4 sites in Port Phillip Bay

<https://www.propelleraero.com/>

Email: [vcmp@deakin.edu.au](mailto:vcmp@deakin.edu.au)

Password: propellervcmp

National Environmental Science Program – Earth Systems and Climate Change Hub

- [Coastal erosion under a changing climate brochure](#)
- [Science Webinar: The Causes of Coastal Erosion](#)
- [Understanding coastal erosion on beaches – A guide for managers, policy makers and citizen scientists](#)

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## Your Questions

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**Q. How can we follow some of these studies and outcomes? Normal scientific journals? Keen to find out more.**

Data portal now operating – you can access the data directly with the link and password provided above. Studies published through National Environmental Science Program – Earth Systems and Climate Change Hub <http://nespclimate.com.au/>

**Q. Are there other locations in the bay you want to collect drone data?**

Had planned to do studies on other beaches, like Sandringham but found they had to close the beach to make it safe to undertake the work, proven difficult on busy beaches. Keen to engage more and extend up to Sandringham section of beach as it's a different bar system. Got an area at Mt Martha but want area in northern section of Bay because it's such a dynamic and different system. It's also a critical resource – it's a sediment poor system that relies on beach renourishment to exist.

A few sites on open coast up through council interest. Some funding requirements to cover equipment and staff but keen to expand the number of sites.

Councils invited to contact David directly.

**Q. Is this part of the data DELWP use to determine beach renourishment priorities?**

ABM to take this question up with DELWP directly as part of a future Talk of the Tide session.

New CoastAdapt tool being developed by DELWP, and this coastal erosion data will be feeding into that. ABM currently liaising with DELWP for a presentation on the DELWP CoastAdapt portal (part of the Victorian Coastal Monitoring Program)

**Q. A lot of Council's are doing Marine and Coastal Management Plans - what is DELWP's expectation on how this information will be integrated?**

ABM to take this question up with DELWP directly as part of a future Talk of the Tide session.

**Q. Greg Hunt has promised to renourish Mt Martha North beach can this data tell us that this will be successful for a long period of time.**

Mt Martha site operating for a year now, data sets starting to inform where sand is moving and how likely it is to move.

**Q. I have a number of community groups down the Mornington Peninsula that would be keen on being part of this citizen science too. How could we help facilitate this?**

Contact David directly

**Q. I am working on a beach renourishment in middle park beach and would be happy to share the data we'd get**

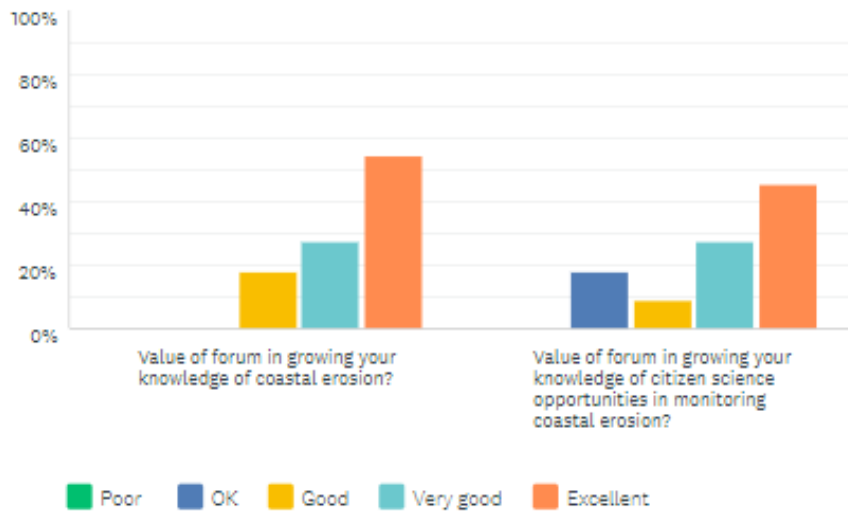
Thank you, please contact David directly.

**Q. Please collect some data in Wyndham. Could you be part of the DELWP RASP for the western side of Port Phillip Bay?**

Thank you, please contact David directly.

## Your Feedback

How you rated the forum (survey responses):



- I loved it. A great thing to do. David was great. Well done.
- Thank you for a great presentation Dave, very informative.
- Format worked well
- I think the format worked well. No need for changes. Having the 'rules' of engagement clearly spelt out early on is helpful.
- I liked the presentation and the use of the chat function for questions.
- What I think it missed is perhaps a bit of a framework for how we should be building in this information to our decision making. Arguably this was NOT the aim of the workshop. Rather a reflection of where we are at.
- David's presentation was clear and easy to understand. I still find questions hard. Perhaps if we can ask questions as we go along it would be more engaging - it's a lot of information to digest!
- This webinar was one of the great legacies of CV19. I would not have come without the travel free outlet.
- Would love to facilitate this at multiple locations around our municipality. If there is a financial need to make this happen - would the Association be able to look into ways to get member councils to pay in exchange for services such as labour/equipment to train interested community groups from David's team?
- Great presentation by David. Would like to see him on again
- Thanks for the opportunity. I think it was very helpful!
- Well done. Looking forward to the next one.
- Really enjoying the web format
- I really enjoyed the academic nature of the presentation.
- What can we as a council do now to get some action happening so that the community can see that we are taking climate changes seriously?

### Ideas for future forums

- Citizen science ocean/coastal projects around Australia so we can mirror similar projects in the bay
- Focus on actions that Councils could implement. Probably next week's session will talk about it.
- DELWP to explain best practice or must haves for local government in terms of coastal management.
- Information on the coastal modelling to be released
- Deakin Uni may also have some interesting coastal processes research that builds our knowledge in a similar way.

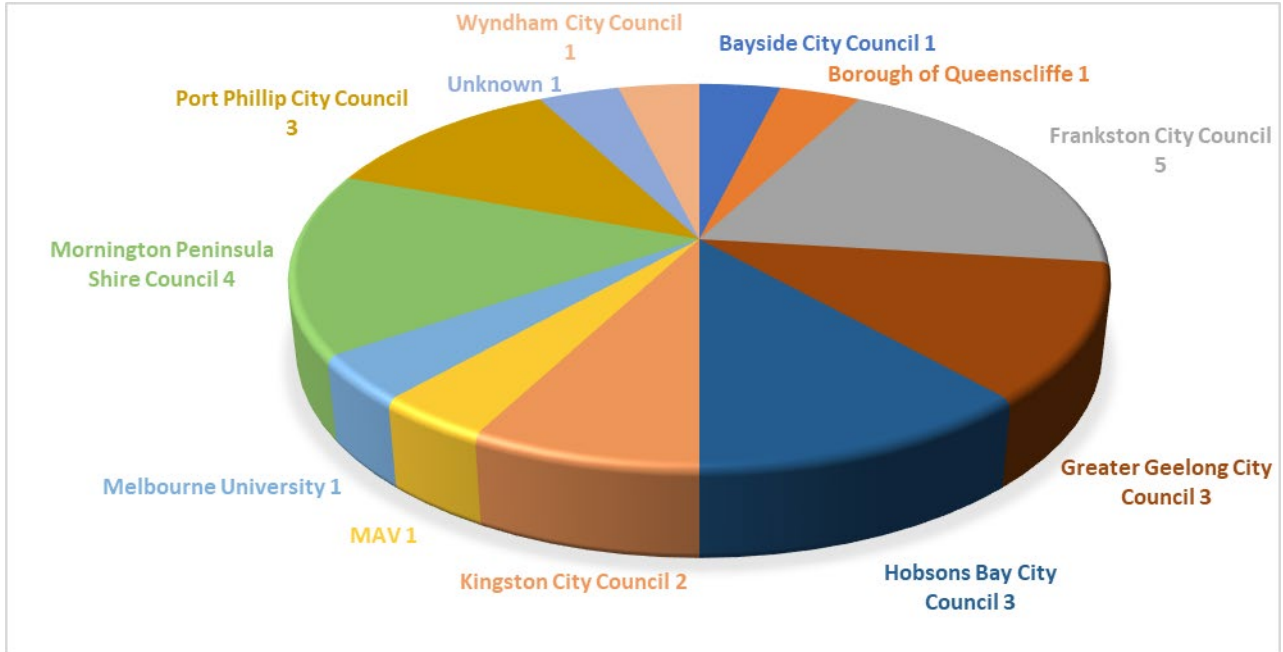
# Talk of the Tide

SUMMARY REPORT



ASSOCIATION OF BAYSIDE MUNICIPALITIES

## Attendance:



### Disclaimer

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