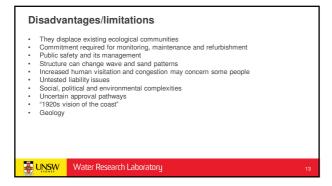
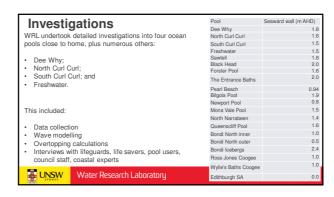


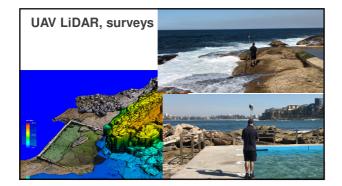


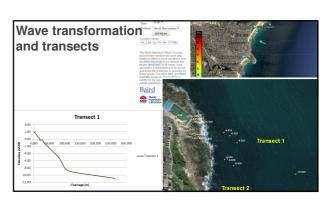
Ocean pools are highly popular with communities and complement traditional beach use. They offer the following advantages over swimming in the ocean: A barrier from sharks; No rips; Partial protection from large waves and wind chop; Partial reduction in stinging jellyfish; A well defined space for training and practising; Potentially better water quality than the ocean at certain times; The potential for night swimming. Ocean pools also offer the following advantages over conventional swimming pools: Ocean salt water is perceived as more natural and is more buoyant; Minimal chemicals are used for cleaning; Lower pumping and/or filtration costs; Potentially reduced costs for staffing, cleaning and maintenance; They allow a close psychological connection with the ocean **Water Research Laboratory**

Advantages









Statistics Dee Why Cleaned once per week plus pumped - WQ issues Sand ingress minor Boulders ~5-10 years • Dangerous 1-6 times per year North Curl Curl Cleaned only ~ 2 times per year - negligible Sand ingress minor Boulders ~5-10 years Dangerous once per week to fortnight **UNSW** Water Research Laboratory



South Curl Curl

- · Cleaned once per week, daily wave flushing, usually no WQ issues
- Major sand ingress
- Boulders ~10 years
- Dangerous ~12 times per year

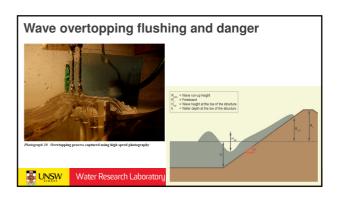
Freshwater

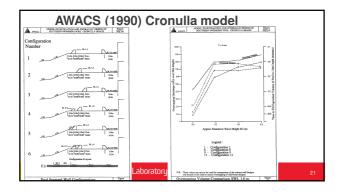
- Cleaned > once per week plus pumped WQ issues incl stormwater
- Sand ingress minor Boulders ~10 years
- Dangerous ~1 time per year



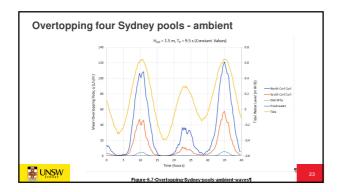
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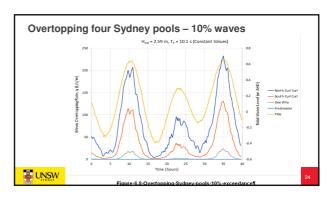


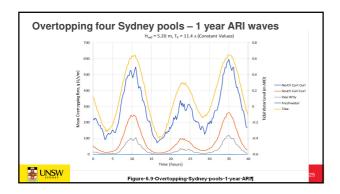










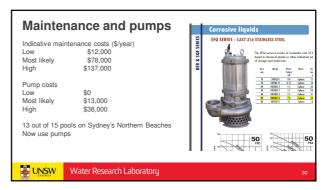


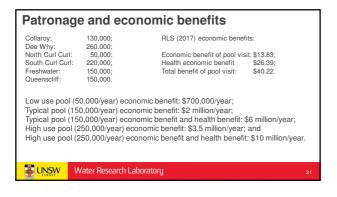


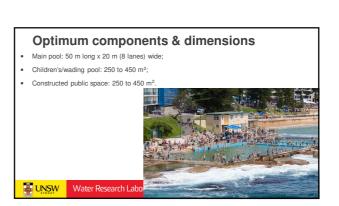












Summary

Ocean pools in Australia are up to 200 years old

There are about 70 in NSW, and a similar number in South Africa

Communities in areas without ocean pools are increasingly requesting one

This paper attempts to reconcile expert user opinions and contemporary engineering

The maintenance liability has scared some councils, but it is minor relative to the benefits

For many coastal dwellers, their local ocean pool is one of the high points of their life



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Les Murray: The Ocean Baths

Chinning the bar or Thirties concrete rim of this ocean baths as the surf flings velleities of spray brimming the bright screen

I am not in the sea but the sea's television.

As the one starfish below me quivers up through a fictive kelp of diffraction, I'm thinking of workers who made pool-cementing last, neap tide by neap, right through the depression



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