

Update on development assessment for coastal works and support tools

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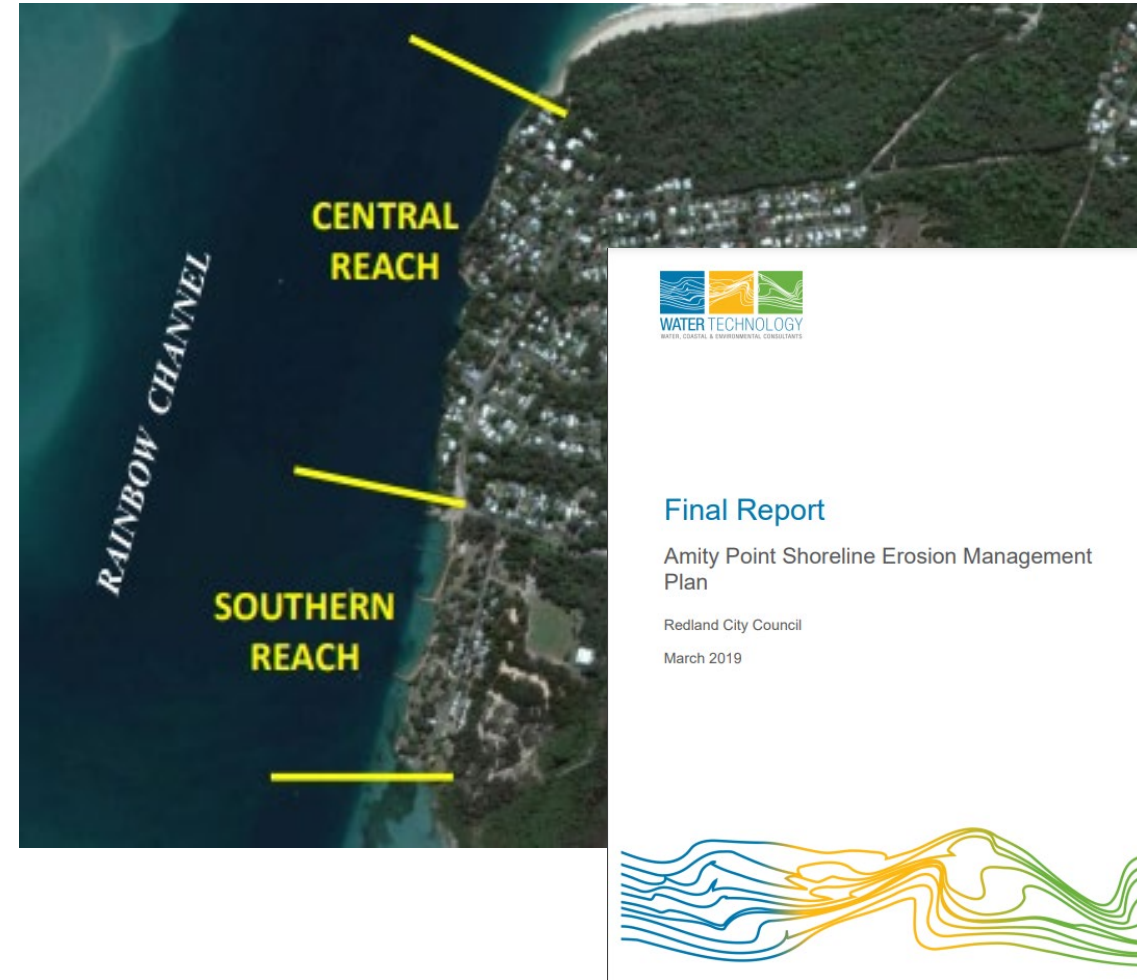
Coastal Hazard Adaptation Strategies and development assessment

- CHAS may make recommendations on adaptation works and actions
- CHAS is a strategic planning document and proposed implementation may not have had a rigorous technical assessment or evaluation against State policy.
- Points to key actions and timing, and useful to support grant funding applications.
- CHAS implementation actions have triggered the development of a range of support studies – options analysis, shoreline erosion management plans, design evaluation.

Coastal management and engineering	<p>Review and implement SEMP</p> <p>Primary action: Implement hybrid seawall and sand nourishment</p> <p>Develop concept designs for upgrading informal seawall extents, and connections required between existing seawalls (linked to special area adaptation plan)</p> <p>Confirm and secure sand source arrangements for nourishment program (linked to region wide study).</p> <p>Develop concept designs for sand nourishment pipeline extension, and nourishment program.</p>	<p>Primary action: Implement hybrid seawall and nourishment</p> <p>Upgrade informal seawall extents, maintain seawall infrastructure</p> <p>Extend nourishment pipeline from southern main beach to main beach north.</p> <p>Implement nourishment program.</p>
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Shoreline Erosion Management Plans and development assessment

- Proactive approach to provide a detailed understanding of the erosion cause and future threat
- Identifies management options, engages the community and stakeholders and recommends a preferred solution.
- Benefits a development application as it
 - Addresses performance outcomes
 - Provides a robust justification
 - Usually has support of DES
 - SDAP now recognises SEMP for meeting selected performance outcomes



Accepted development codes for coastal works – ongoing expansion

- Code for accepted development - tidal works or work completely or partly in a coastal management district (2017).
- Expansion of development activities included in the code
 - Waterway bank restoration
 - Temporary works
 - Bed-levelling of a waterway or the sea
 - Fish ways and restoration of natural reef systems
 - Response to an environmental or contamination incident
- Works for erosion management of a beach/dune system expanded.

Future support for nature-based solution

- QCoast2100 is proposing to fund a guideline on nature-based solutions for coastal hazard mitigation, including development assessment requirements.