









Ocean Storms

Approximate extent of ocean storm flooding from Brisbane Water Flood Study for existing and sea level rise conditions.











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Solution *Suburb scale land raising!*

Objectives

- Ongoing livability of the suburb
- Incremental adaptation
- Equitable approach
- Address existing issues
- Flood risk management measures
- Open space planning
- Implementation strategy



• Minimum protection level of 1.5mAHD

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- Existing 1% AEP Brisbane Water Flood Level
- 2090 King Tide (HHWSS)
- Inundation kept to acceptable level and frequency
- Raise what needs to be raised when possible
- Those most at risk take on the most cost
- Opportunity to fix drainage issues
- Include in the FRM process
- Guidance on how open space can be utilised
- Conceptualise how this will work in practice







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Further Issues to Address

- Private development filling may occur at slower than expected rates. Enforce filling or acquire lots to enable road raising.
- Catchment flood impacts from lot and road raising.
- Easement establishment.
- Residual risk and sea level rise beyond 2100.

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What's Next:

- The Adaptation Study was on Public Exhibition as part of a FRMSP. Adoption of this Adaptation Study is recommended.
- Consideration for modification to the DCP for filling within the suburbs.
- Consideration for the progression of interim measures
 - Levees
 - Easements

