

*Adaptation Futures,  
May 2015.*

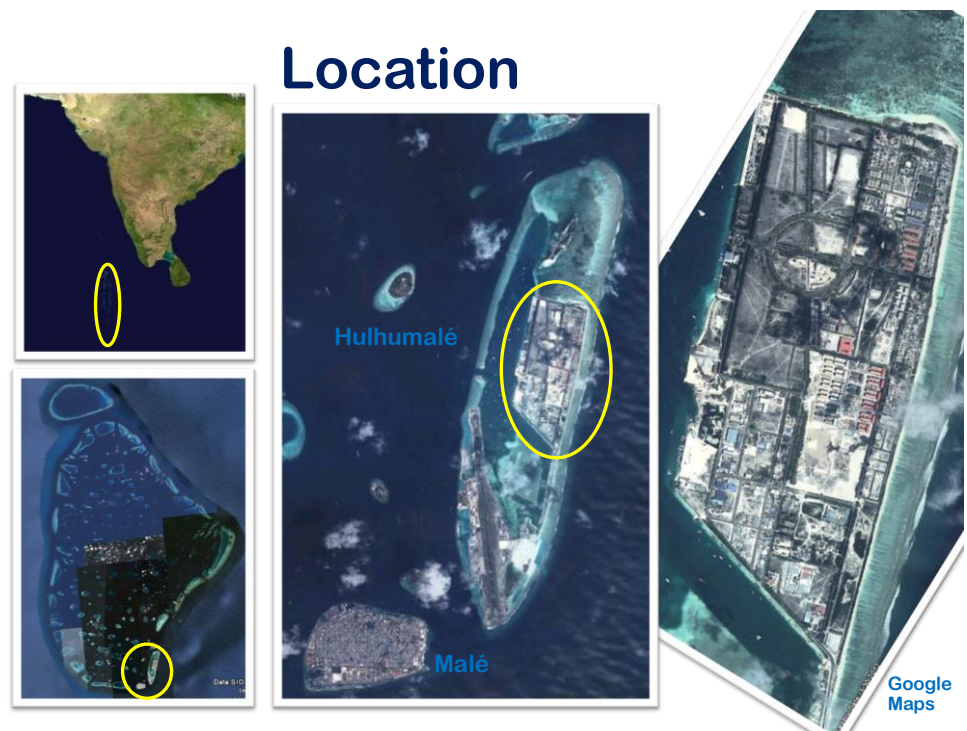
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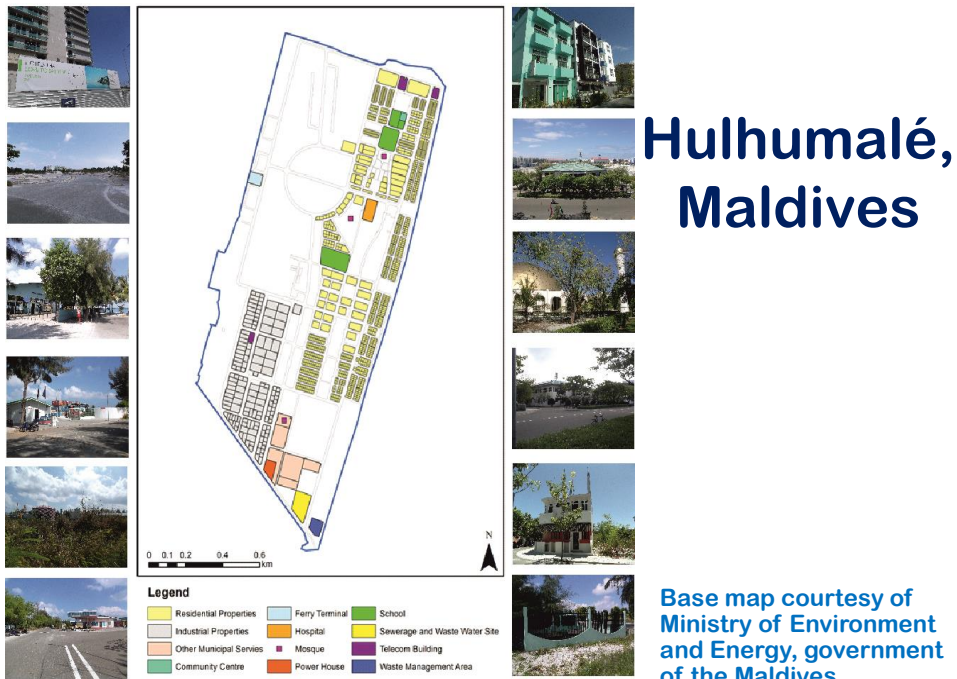
# A potential adaptation pathway for Hulhumalé, Maldives

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With thanks to Ali Shareef and Zammath Khaleel, Ministry of Environment and Energy, Maldives



## Location





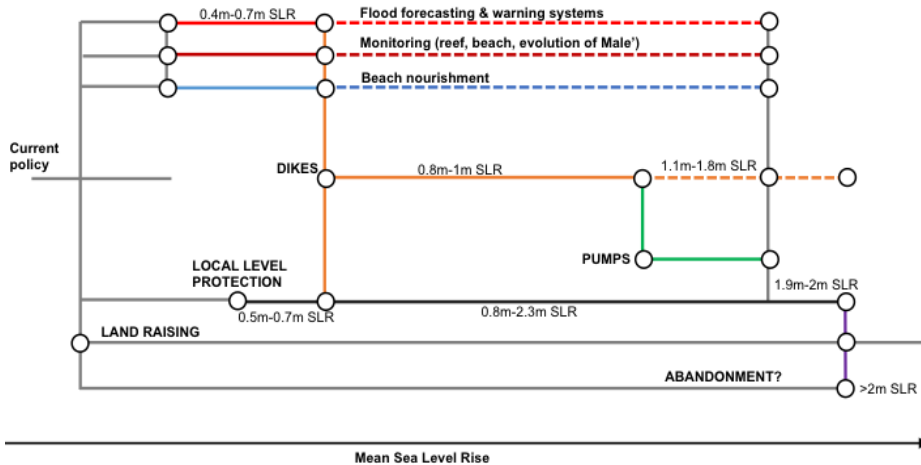
## Options considered

*Based on modelling of over topping only. Options have been discussed with the government, but do not constitute government opinions or financial or resource limitations.*

- Flood forecast / early warning
- Monitoring
- Beach nourishment
- Eastern side sea wall (or dike)
- Sea wall around island (or dike)
- Pumps
- Local level protection
- Land raising

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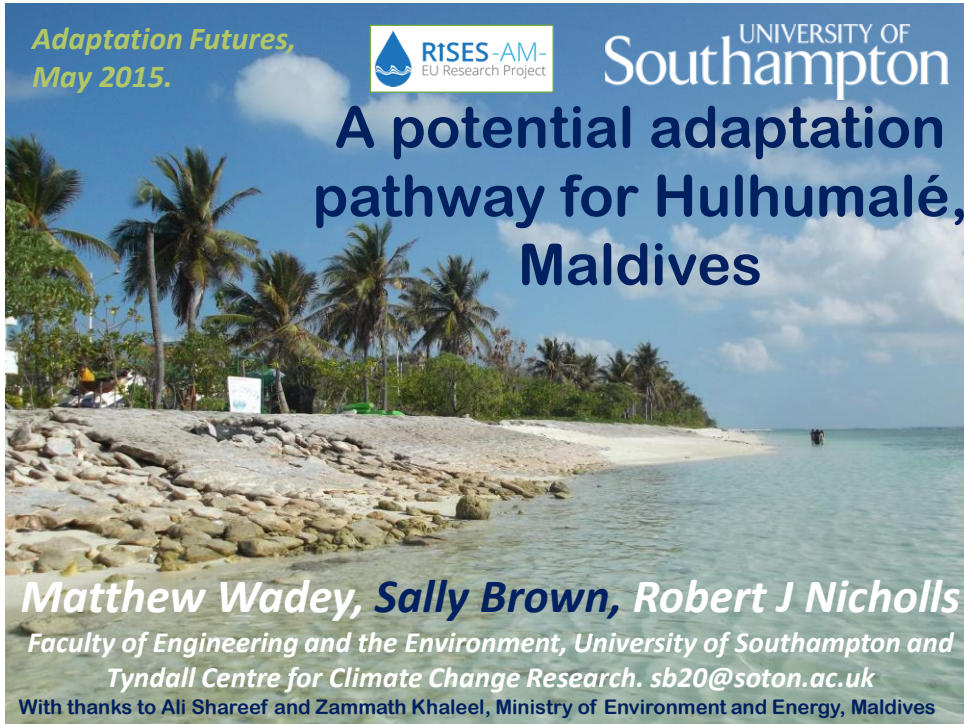
- Based on modelling of over topping only, and not government opinions or financial limitations




## Adaptation pathway challenges

- Data and monitoring
- Education and culture
- Natural resources
- Management approach
- Finance and capital
- Government and regulations





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