

School of Geosciences

Climate change

where is the rise coming from?

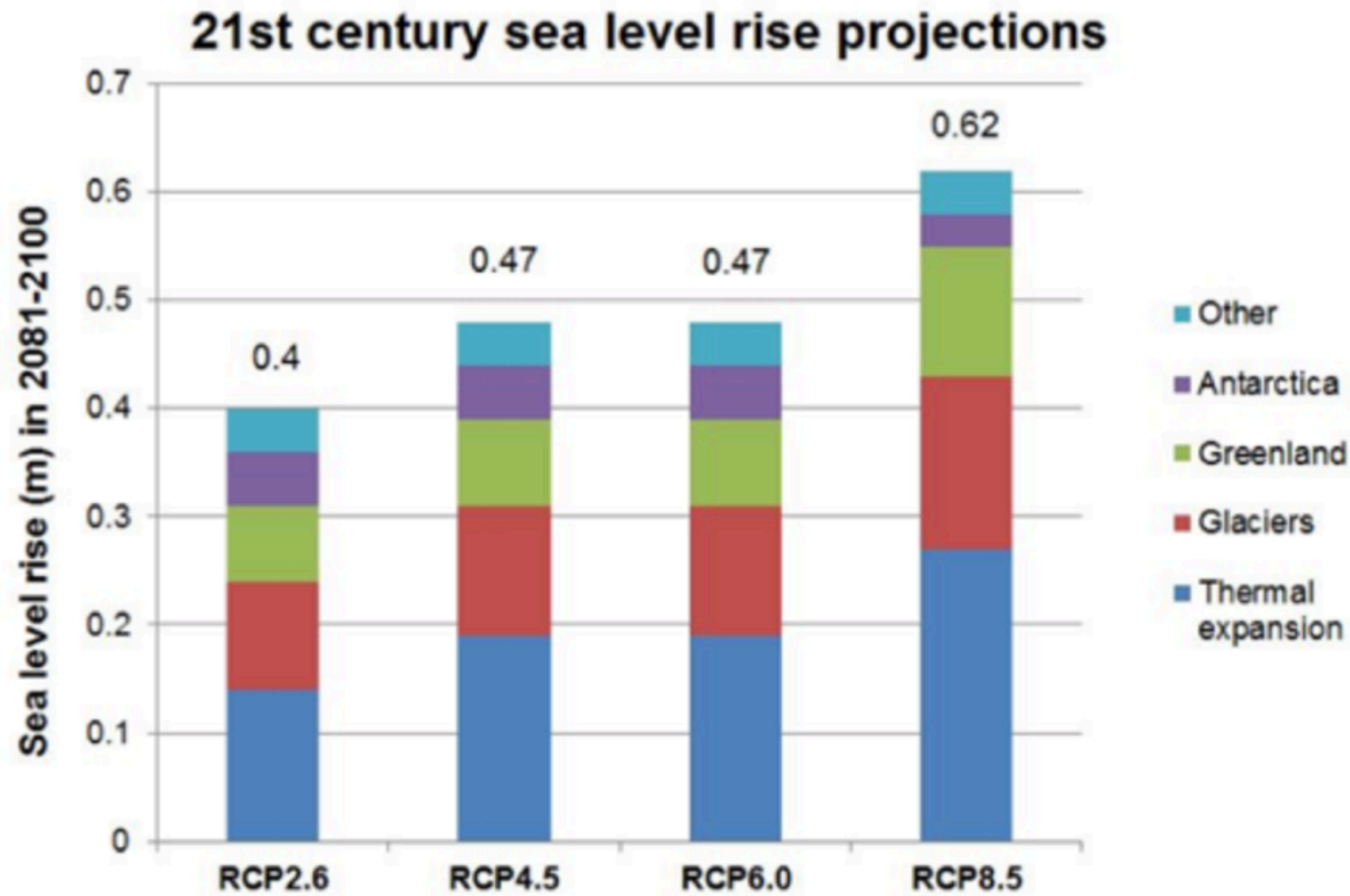
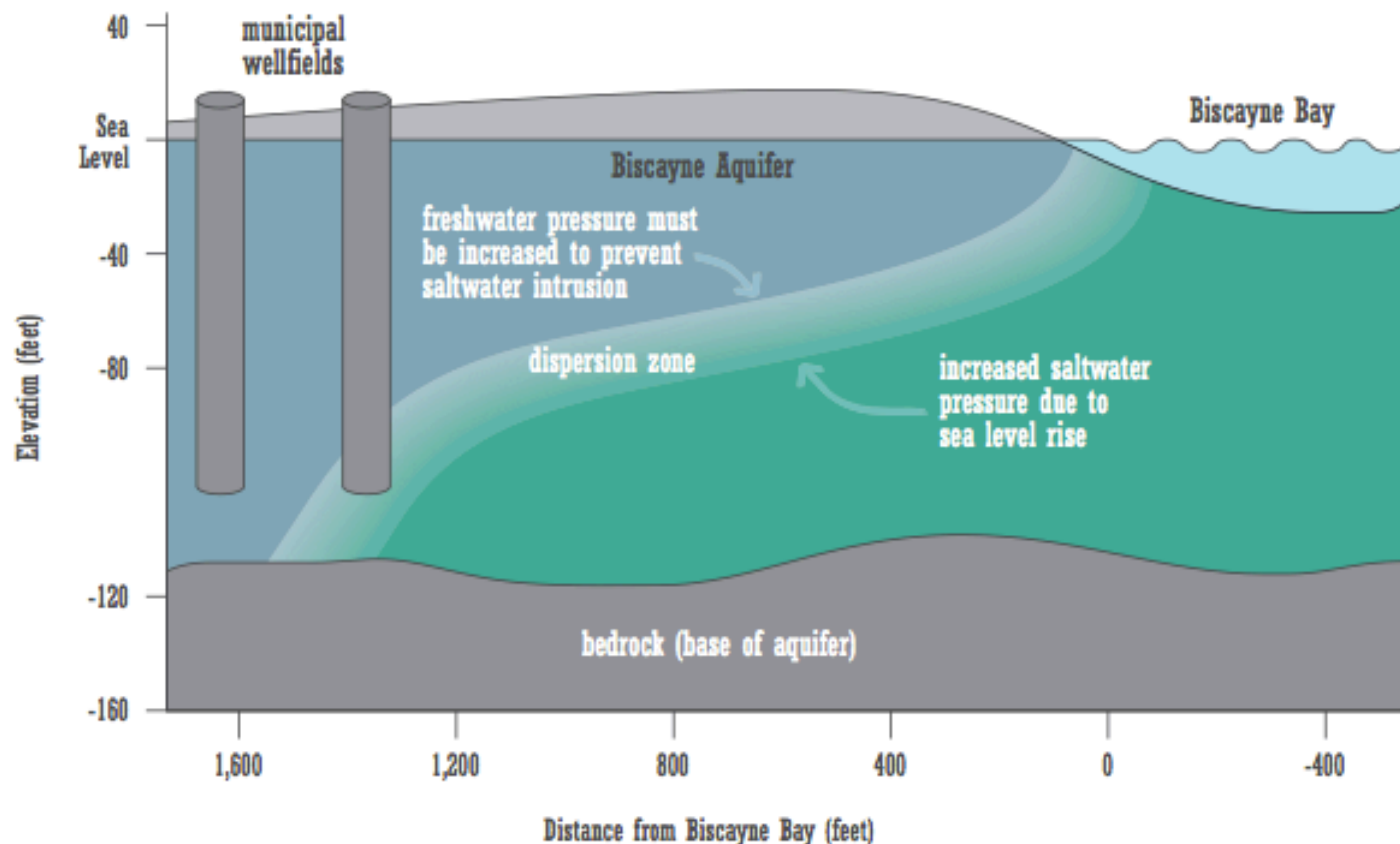


Image by Carbon Brief, created using data in Table 13.5 – [Chapter 13](#) of the IPCC's Fifth Assessment Report.

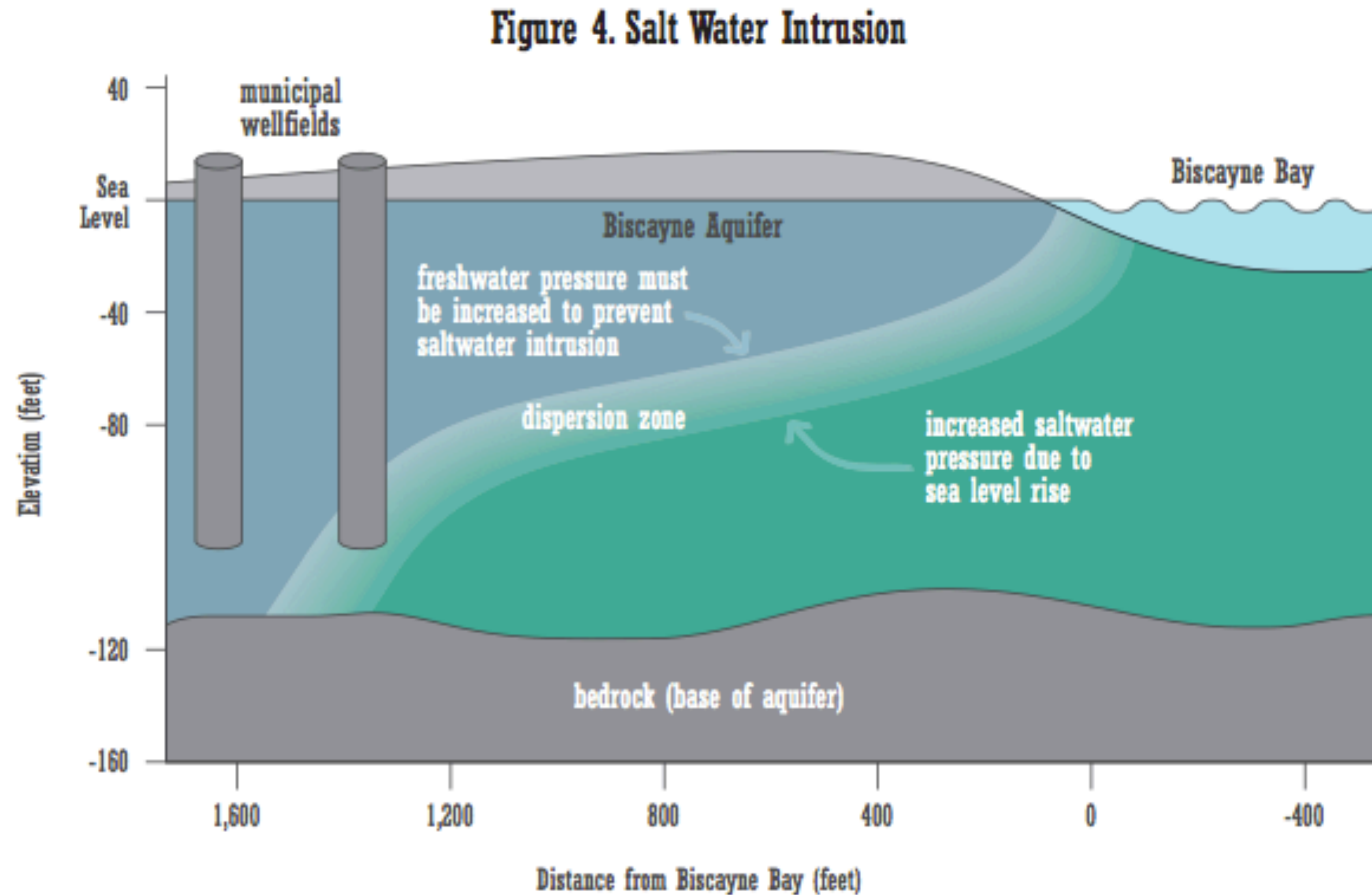
Figure 4. Salt Water Intrusion



As sea level rises, the pressure of saltwater on the dispersion zone increases, pushing saltwater further into the aquifer.

Climate change

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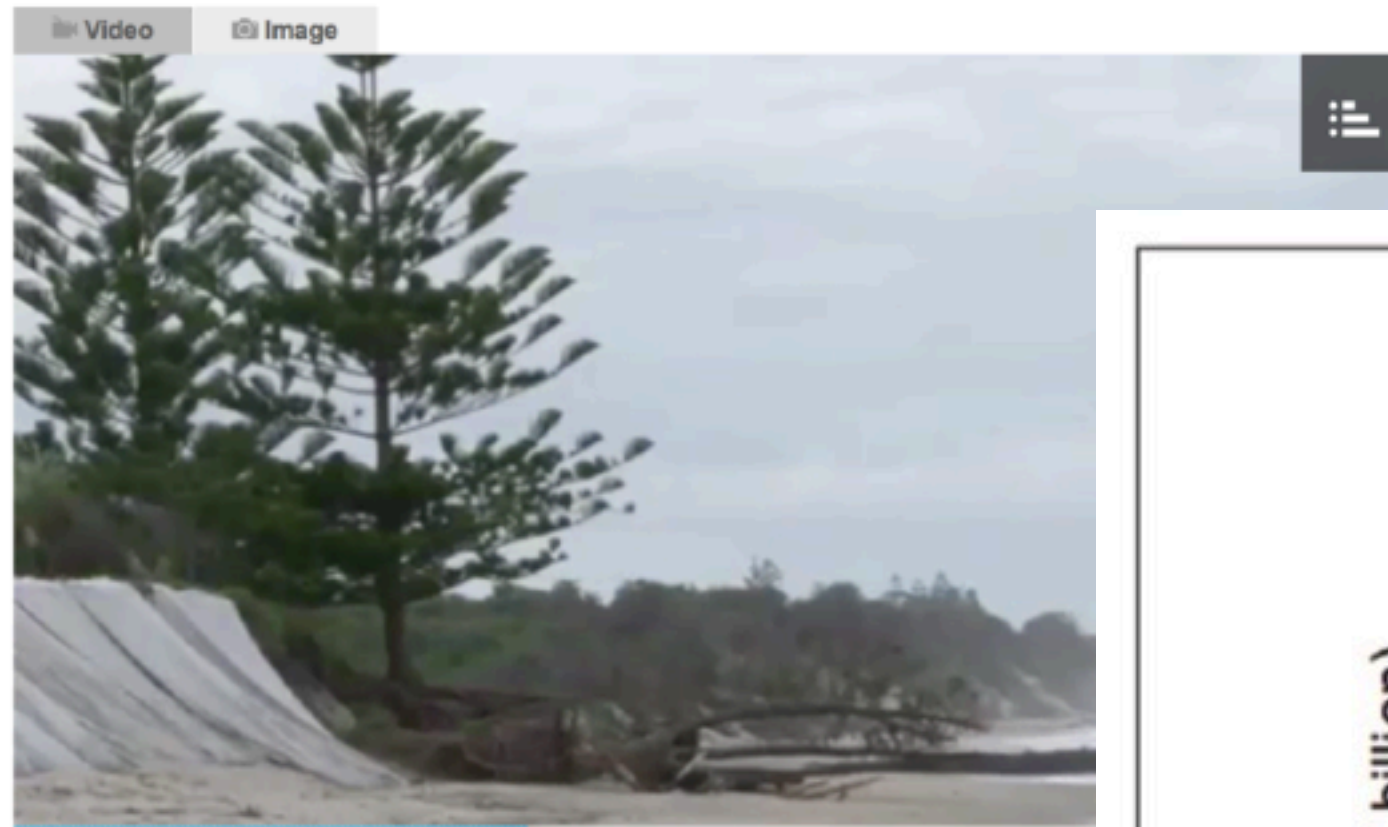
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Climate change

south australia

Climate Council report predicts rising sea levels will cause \$200 billion of damage to coastal infrastructure by 2100

SEPTEMBER 17, 2014 2:48PM



The cost of infrastructure damage has markedly incr

Network writers, News Corp Australia Network

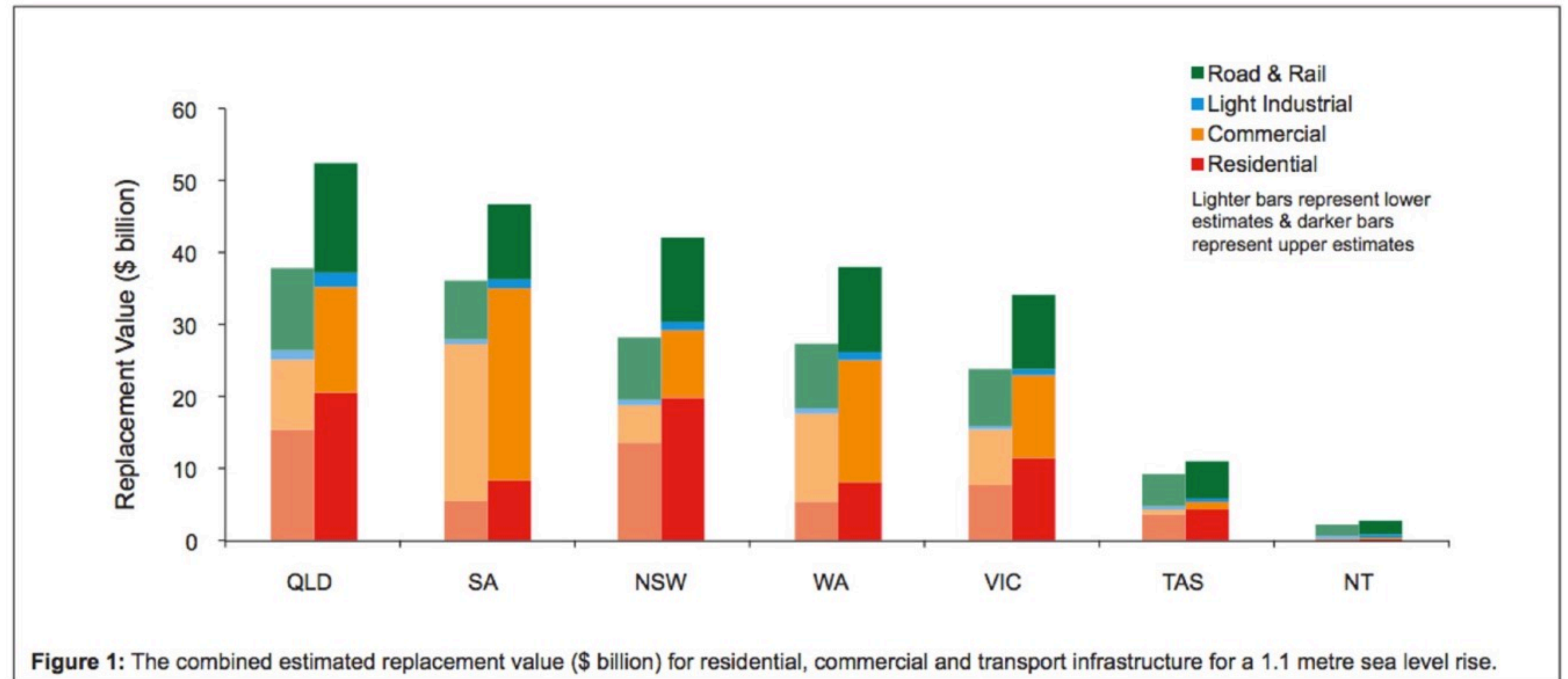


Figure 1: The combined estimated replacement value (\$ billion) for residential, commercial and transport infrastructure for a 1.1 metre sea level rise.