

**Coastal Hazards Working Group**  
**NOTES ATTACHMENTS**

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**Date:** Friday 4 February 2022  
**Time:** 1.33pm  
**Venue:** Council Chambers, Level 2, Civic Offices, 53 Hereford Street, Christchurch

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# Coastal Hazards 2021

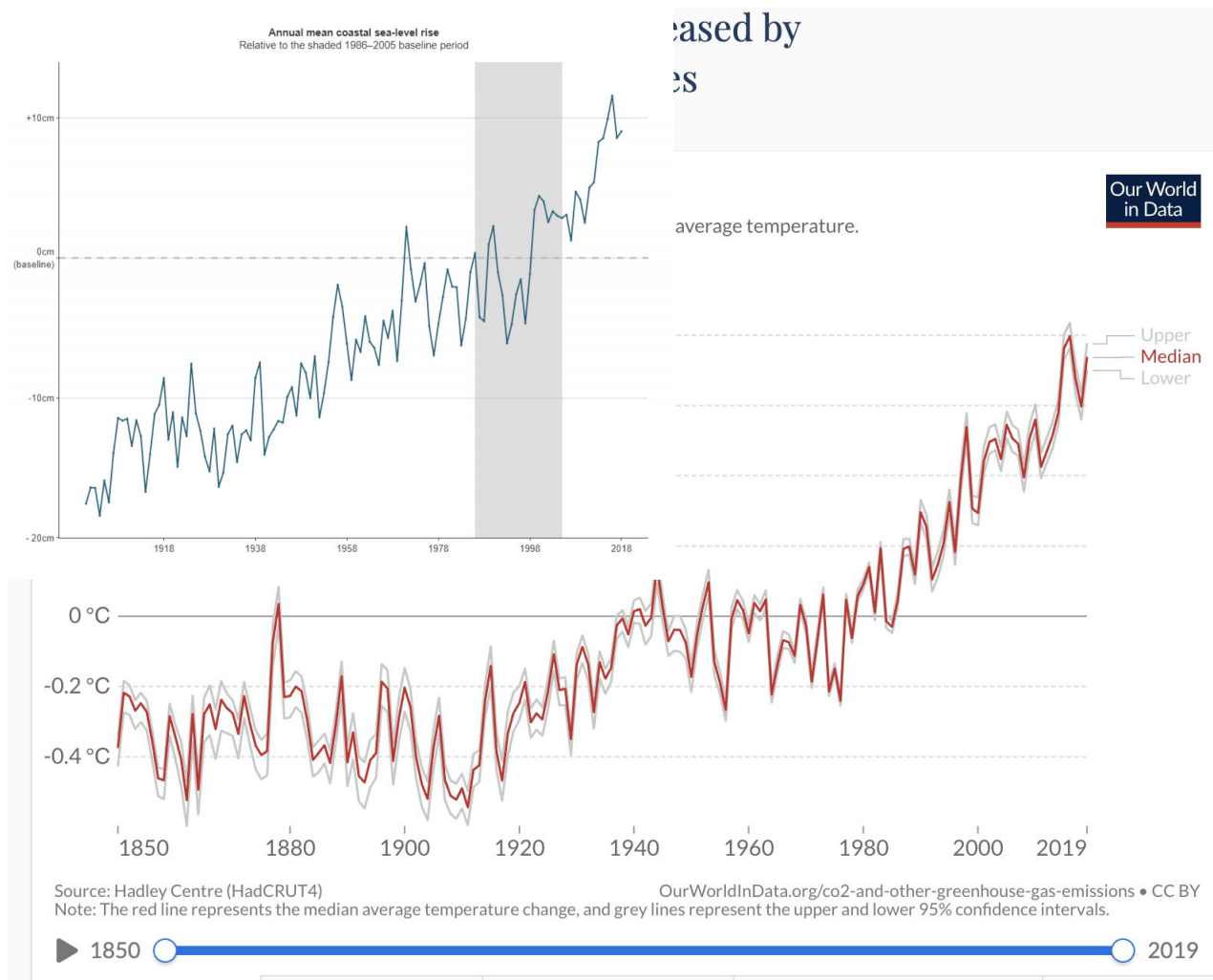
## Intro

**The world is warming and the sea is rising.**

We need to be thinking about and planning for the possible consequences.

[https://www.stats.govt.nz/indicators/coastal-sea-level-rise?fbclid=IwAR2Vtn77qpzLACsRyiUv4oDmFwv\\_T59I9L7snYsQ2s\\_A4Aewldo0w610Vyo](https://www.stats.govt.nz/indicators/coastal-sea-level-rise?fbclid=IwAR2Vtn77qpzLACsRyiUv4oDmFwv_T59I9L7snYsQ2s_A4Aewldo0w610Vyo)

<https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions>



## Understanding Liability and Costs - the balancing act



## Areas affected and what went wrong last time

- 1m Sea Level Rise **RCP8.5**
- + 1 in 500 year flood event
- + 16% increased rain
- + 1 in 50 year high tide event

