



Impacts of Sea level rise

- Sea level rise will cause an <u>exponential</u> increase in both
 - current coastal flooding
 - the likelihood of low probability extreme sea level events (AEPs)
- Impacts for ports
 - Flooding of coastal assets (e.g. wharfs)
 - Waves can reach higher to damage coastal protection (e.g. rock revetments)
 - Disruption and closure of road transport routes.



3



























Further work

- CSIRO to revise the drivers of observed regional of SLR around Australia
- Use in combination with AR6 SLR projections to estimates future sea levels relative to AHD (e.g. via Canute). To inform coastal inundation mapping.

