

Re - IMAGINE HK

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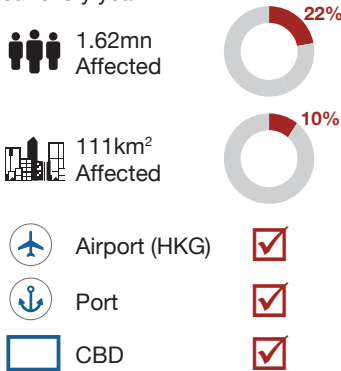
**Singapore will protect critical infrastructure to 5.5m
Can HK afford not to?**



*Note: “Unlucky Mangkhut” could have happened if Mangkhut hit HK directly at astronomical high tide
Source: Top & bottom graphic: CWR based on IPCC AR6 & astronomical high tide in Hong Kong, Digital Terrain Model (5m) from the Lands Department of Hong Kong, 3D photo-realistic model based on the Planning Department of Hong Kong, ESRI ; Next page bottom graphic: Designed by CWR interns Fergal Tse & Oscar Wong for illustrative purposes only, no adaptation feasibility studies have been conducted.*

What's underwater at 6m

An "Unlucky Mangkhut" could bring storm tides of 5-7m across HK today. This will have wide-ranging impacts: for example, at 6m, 22% of its population as well as 10% of land along with the airport, port and CBD will be flooded. By 2050, the IPCC says an event like Mangkhut could occur every year.

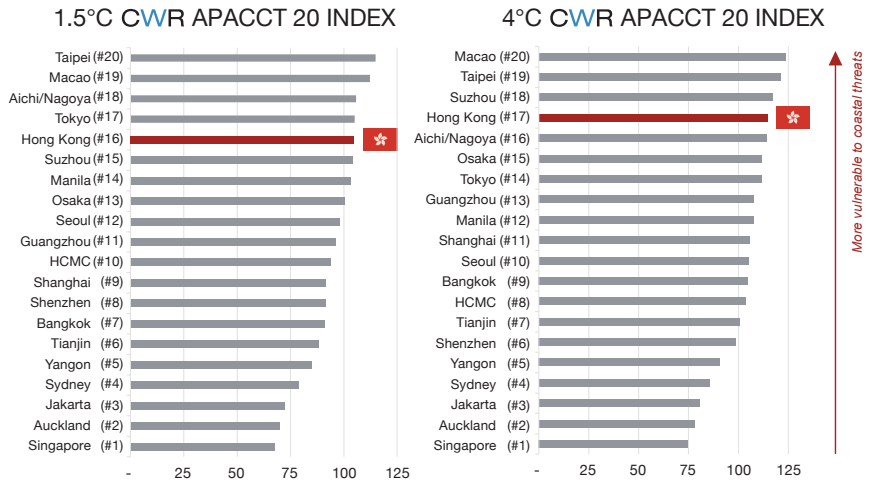


While typhoons are one-off events, the IPCC AR6 says that 2m of sea level rise cannot be ruled out by 2100. This means that HK could be permanently submerged by rising seas with tides reaching 5m in 80 years time. Can HK afford not to act? Typhoon-free Singapore has already announced it will raise critical infrastructure to 5.5m.

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Source: CWR analysis based on Digital Terrain Model from the Lands Dept of HK, population data from the Census Statistics Dept of HK.

HK is more vulnerable than Jakarta / Bangkok

HK is in the bottom quartile, ranking #16 and #17 out of 20 APAC cities in the 1.5°C and 4°C CWR APACCT 20 Index respectively. The indices benchmark 20 cities for various types of physical coastal threats (locked-in SLR, storm surges & subsidence) as well as government adaptation action for low emission & current policies scenarios. Over 100 finance professionals from chairs/directors of bank boards to research analysts as well as financial industry associations, asset owners and financial regulators have provided feedback on the development of this index.



Source: CWR report "Avoiding Atlantis: The CWR APACCT 20 Index - Benchmarking coastal threats for 20 APAC cities with finance sector input".

Decarbonisation

- **HK's commitment:** 2050 carbon neutrality
- **Timing matters:** net zero must be reached faster to avoid triggering multi-meter SLR after around 2060
- **Action:** be carbon neutral by 2030-2040

Adaptation

- **HK adaptation plan:** aligned to 1.5-2°C
- **Reality check:** impacts today in HK are already tracking worst-case scenario
- **Action:** assess HK's risk exposure and prepare for no-regret adaptation



Re-imagining a climate ready & resilient HK starts now

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ASSESS

Understand the new risk landscape | Assess water & climate threats | Identify clustered risk hotspots & compound risks

STRATEGIZE

Align ESG & risk strategies | Plan sensible net zero & resilience strategies | Leverage risks to identify opportunities

ADAPT

Protect & prepare for locked-in climate impacts | Ideate flexible innovations | Be ready to survive & thrive