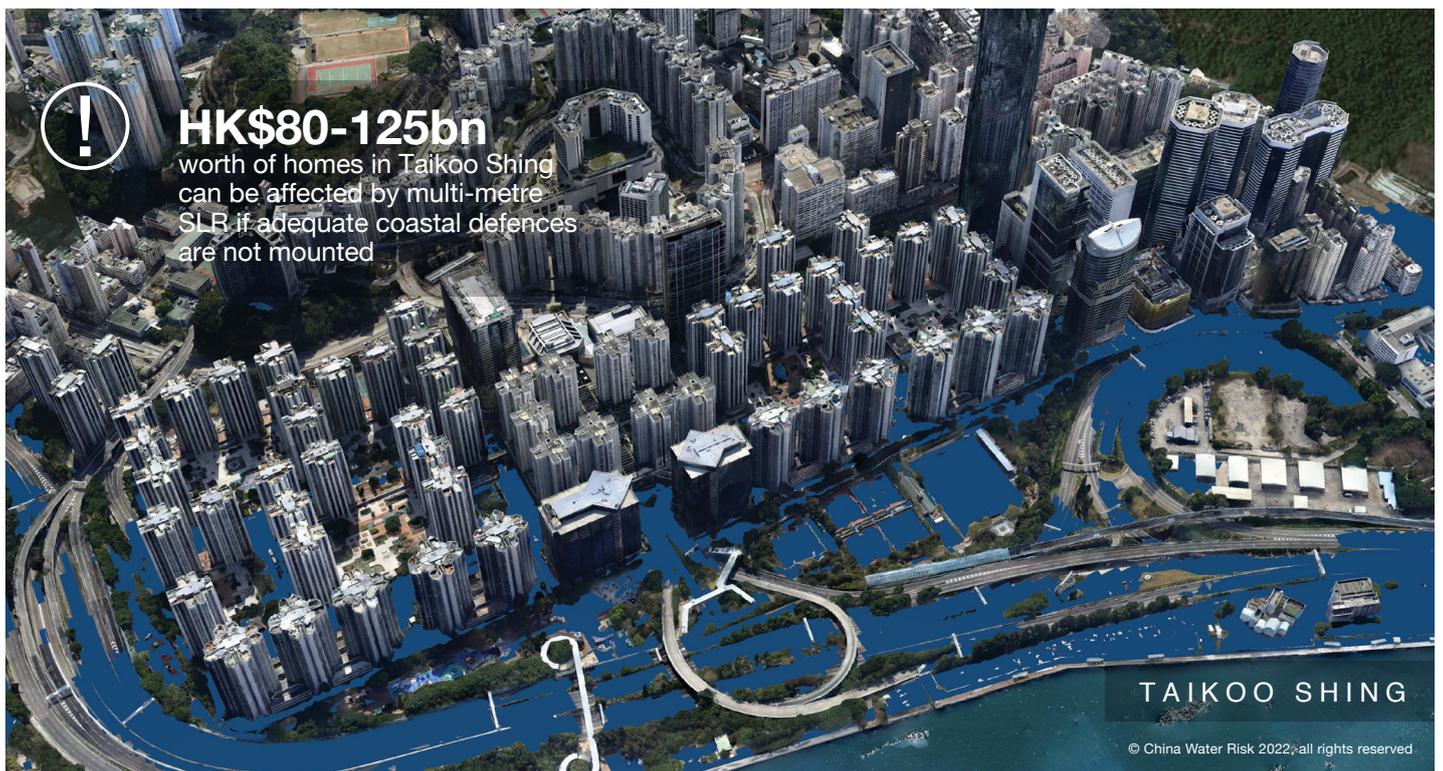


Protect Our Homes

JOIN US



7 of the Top 10 housing estates will be affected before Kingswood Villas in Yuen Long



Note: Top 10 popular housing estates selected based on the Rating and Valuation Department, 2019.

Source: CWR analyses 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; Census & Statistics Department of Hong Kong; Planning Department of Hong Kong; Centadarta 2019.

Serious impacts at 6m but HK must be ready for 10-12m

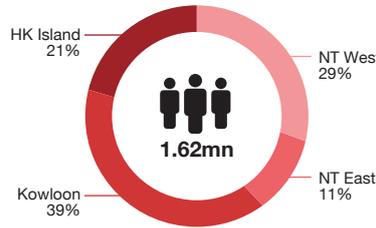
An “Unlucky Mangkhut” could bring storm tides of 5-7m across Hong Kong today. Since the IPCC warns that 2m of sea level rise (SLR) by 2100 “cannot be ruled out”, Hong Kong has to be ready for 10-12m of storm tides by 2100. Already at 6m, the impacts are significant...

1.62mn
Residents affected

22%

7.3mn HK residents analysed

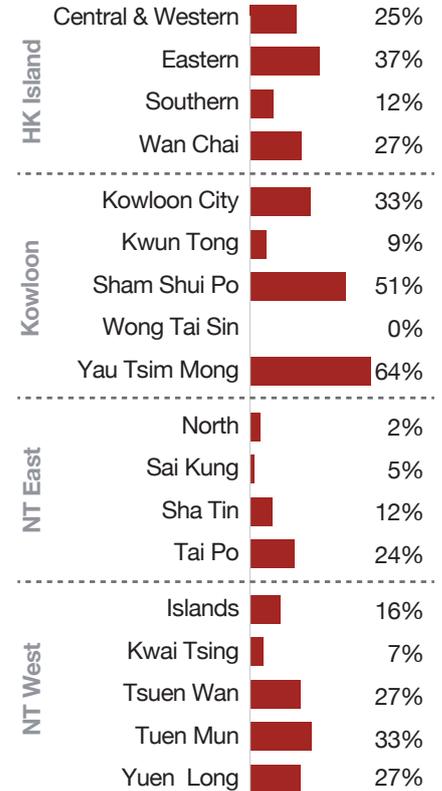
Residents affected split by region



Impact by district at 6m

Contrary to popular belief, it is not Yuen Long but Yau Tsim Mong (#1) and Sham Shui Po (#2) that are most vulnerable with almost two-thirds and over half their residents exposed to coastal threats respectively. Eastern district (#3) follows on Hong Kong Island with 37% of its population vulnerable to imminent coastal threats at 6m.

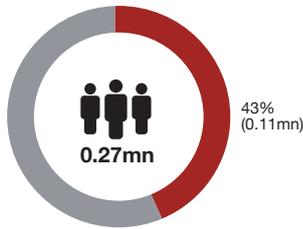
% of residents affected within districts



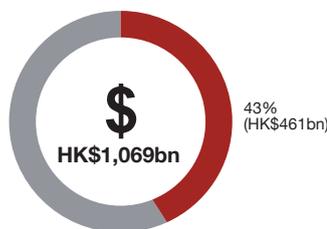
Top 10 housing estates — will they still be popular?

The sales and price per square foot (psf) of the top 10 popular housing estates are indicative for the entire Hong Kong property market plus they are extremely popular among buyers. Together these estates house around 270,000 residents. However, seven of the ten estates will be affected at 6m impacting over 110,000 residents, putting around HK\$461bn worth of properties at risk to rising seas if we do not have a contingency adaptation plan for accelerating SLR.

Top 10 housing residents affected



Top 10 housing property value affected



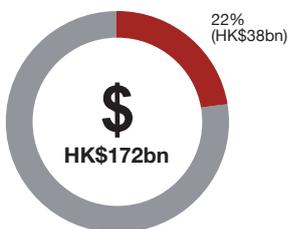
Buyers beware!

To gauge the coastal risks prevalent in the property market, we analysed over 10,000 properties listed for sale online by a top property agency. Our analysis revealed that 29% or 2,988 properties listed for sale worth HK\$38bn will be affected at 6m. Cheaper housing was also more vulnerable so low- & middle-income groups are more at risk.

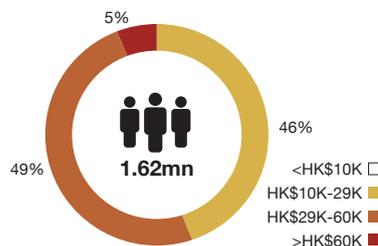
Poor households suffer more

CWR’s analysis of impacts by household income groups revealed that low- and middle-income groups will suffer more from coastal threats. Low (HK\$10k - HK\$29k) and middle (HK\$29k - HK\$60k) monthly income groups will bear the brunt of impacts from coastal threats. Of the 1.62mn residents affected, only 5% belong to rich households.

Snapshot of listed property sales vulnerable to coastal threats



Residents by household income group vulnerable to coastal threats



HK Property

Basic Needs

Connectivity

Northern Met

Re-IMAGINE

Note: Top 10 popular housing estates selected based on the Rating and Valuation Department, 2019; Properties for sale derived from a large and popular Hong Kong property listing website, 2019. Source: CWR analyses based on Hong Kong Observatory; IPCC AR6; Lands Department of Hong Kong; Census & Statistics Department of Hong Kong; Planning Department of Hong Kong, Centadata 2019.

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

CWR

Contact us: info@chinawaterrisk.org
We drive the global water & climate risk conversation with...