

8-Factsheet Survival Guide for HK to survive rising seas

A series of 8 factsheets that illustrate how Hong Kong can survive existential threats from rising seas by CWR

Hong Kong, 23rd August 2022 – CWR releases a new **8-Factsheet Survival Guide** to help Hong Kong navigate and survive rising seas, which pose multiple existential threats to the region. The HKSAR is behind other island financial hubs: New York and Singapore are using projected levels of rising seas for adaptation planning that are 4-6x HK's!

If HK gets it wrong, **up to 82% of the HKSAR's revenue streams** could be underwater. Plus, we could lose our **homes, critical infrastructure**, and **basic needs** to permanent submersion unless we take proactive action to effect transformative “low-regret” adaptation to locked-in multi-metre sea level rise. Sadly, the **poor will suffer more than the rich** from coastal threats. But even the rich, high up in the Peak may not be safe as the entire **HK Island could be stranded** by rising seas.

The **Northern Metropolis** can be HK's grand pilot towards transformative resilience but we cannot defend against threats we are not aware of. The **impacts will be devastating if we get this wrong**, so invest wisely!

Start to **Re-IMAGINE HK** by arming yourself with knowledge from our **8-Factsheet Survival Guide for HK to survive rising seas** below – they are stuffed full of surprising as well as alarming facts that are essential for this changing climate.

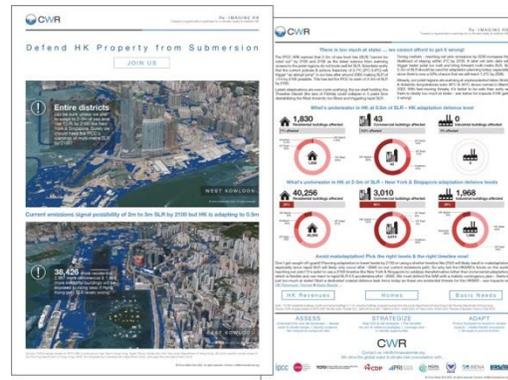
See Press Release [here](#).

Futureproof HK Revenues



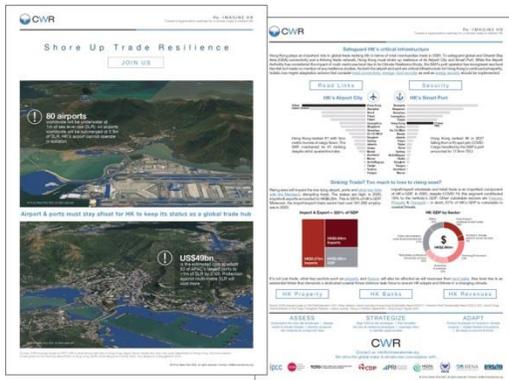
- 3D maps of sea level rise impacts in Happy Valley & Sha Tin racecourses, major revenue generators for the HKSAR
- 101 on the latest science and levels NYC & Singapore are adapting to compared to the HKSAR
- Breakdown of the 82% of HKSAR government revenues vulnerable to coastal threats

Defend HK Property From Submersion



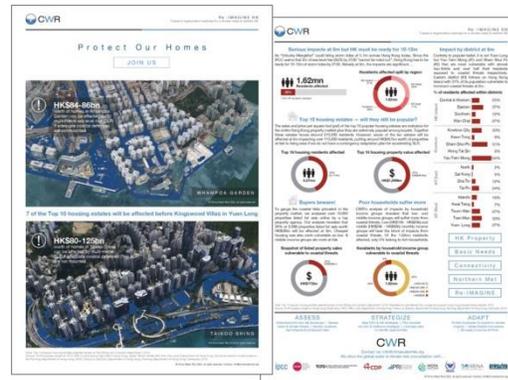
- 3D maps highlighting extensive sea level rise impacts to West & East Kowloon districts
- Analysis of residential, commercial and industrial buildings affected at HK's vs. NYC/Singapore's adaptation levels
- Overview of maladaptation + better timeline & scenario planning to defend HK property from submersion

Shore Up Trade Resilience



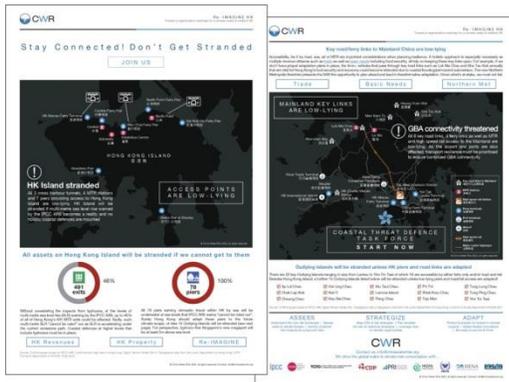
- Impact maps highlighting how HK's global trade hub status is at risk due to potential ports & airport submergence
- HK port & airport rankings in APAC and trade statistics highlighting cargo volumes at risk to rising seas
- Analysis of HK trade statistics vs HK GDP indicating material exposure to coastal threats

Protect Our Homes



- 3D impact maps + value-at-risk stats for Whampoa Garden & Taikoo Shing, two “Top 10” HK housing estates
- Regional & district-level analysis of HK residents affected by coastal threats; income analysis show poor suffer more
- Top 10 housing estate residents & value affected + snapshot of listed property sales vulnerable to rising seas

Stay Connected! Don't Get Stranded



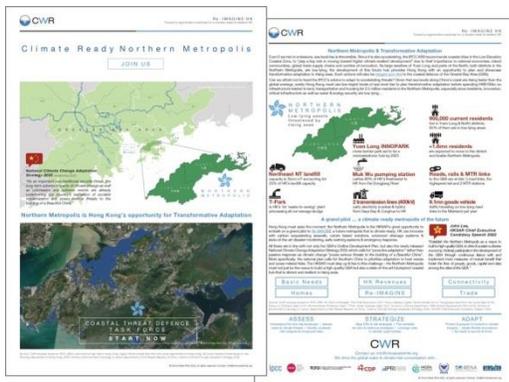
- Map showing how HK Island could be stranded as access points are low-lying from MTR, ferry to tunnel entrances
- Wider analysis of vulnerability of all of HK's 491 MTR exits, 78 ferry piers & Outlying Islands to coastal threats
- Map showing vulnerability of key links to the Greater Bay Area; all vital for trade & food security

Secure Basic Needs



- At-a-glance % exposure to sea level rise – HK's water, powergen, bunkering, food storage, data centres & sewage
- Overview of HK's reliance on Mainland China: trade values & import of food/fuel/water exposed to coastal threats
- Highlights opportunity & necessity to collaborate with the Greater Bay Area for long term resilience of the HKSAR

Climate Ready Northern Metropolis



- 3D & 2D maps highlighting the risks facing the Northern Metropolis and the urgent need for adaptation
- At-a-glance stats of low-lying assets & residents in the Northern Metropolis threatened by rising seas
- Highlights opportunity for Northern Metropolis to be HK's pilot for transformative adaptation in the Greater Bay Area

Re-IMAGINE HK



- 3D maps showcasing sea level rise impacts in Central & Kowloon, plus re-imagining a "safe HK"
- "Unlucky Mangkhut" impact analysis as 70% of commercial activity & 27% of population are in low-lying reclaimed land
- Overview of HK's low ranking in the CWR APACCT 20 Index; HK ranks lower than Jakarta & Bangkok

Media

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See Press Release [here](#).

About CWR

CWR (China Water Risk) is a non-profit think tank that aims to create a world where water and climate risks are embedded in business & finance. Since its launch in 2011, it has worked from its Hong Kong base to engage with global business and investment communities in understanding and managing various types of water risks in China and across Asia. CWR's collaborative reports with financial institutions, IGOs, scientists as well as government related bodies have been considered ground-breaking and instrumental in understanding Asia's water challenges. They are widely cited by the media, academia, IGOs and finance as well as the IPCC. CWR also works with corporates and the financial sector to help them assess, strategize and adapt to water-related climate risks. Together, we can make better decision-making today for a water secure tomorrow. Join the conversation at www.chinawaterrisk.org

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...



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