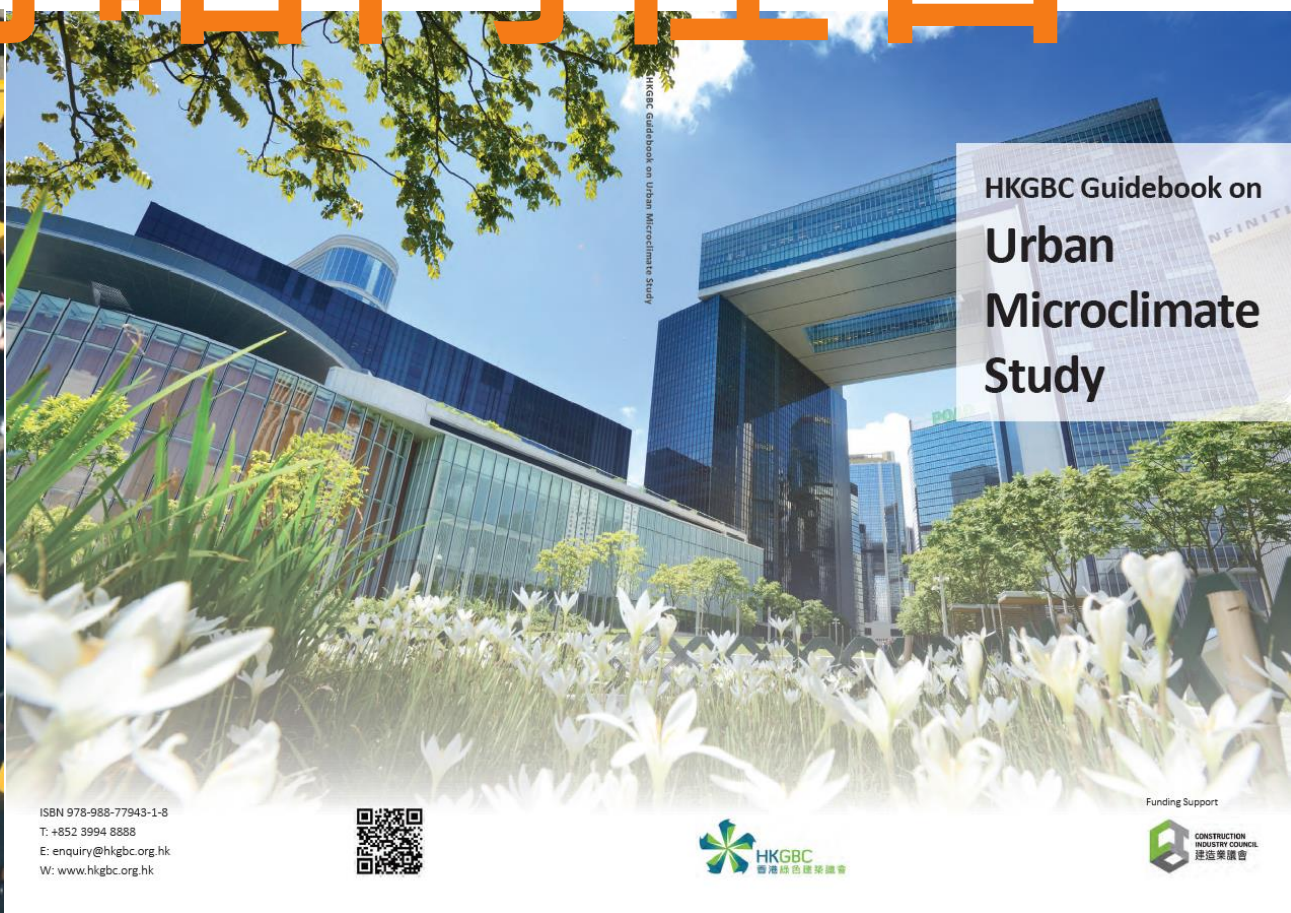


今時唔同往日



1 今時唔同往日

香港 氣候 變化 報告 2015



環境局

發展局 | 運輸及房屋局 | 商務及經濟發展局 | 食物及衛生局 | 保安局 合力支持

2015年11月

香港廿一世紀的氣候



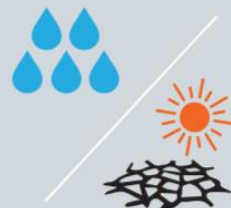
更多酷熱天氣日數
和熱夜數目



更少下雨的日子
但平均降雨強度增加



更多極端降雨事件



更多極端多雨年份
但出現極端少雨年份
的風險不減



全球海平面上升
導致各地包括香港出現海岸變化



由熱帶氣旋引致的風暴潮威脅增加

Climate change

extreme weather events

今時唔同往日

extreme hot weather



ENTERED CITY CITY KILLER HATO POUR

Signal No. 10 was raised in Hong Kong with flights cancelled, bil... and widespread flooding, while five people die in Ma...

Staff Reporters

Hong Kong was left picking up the pieces yesterday after a battering by the biggest storm in five years, which killed five people in Macau and paralysed cities along the mainland's southern coast.

Typhoon Hato triggered the No 10 signal - the highest in Hong Kong's storm warning system - for the first time since 2012, forcing the cancellation of hundreds of flights to and from the city and around the region, and caused a power blackout in Asia's biggest casino hub.

The No 10 signal was raised shortly after dawn, when the centre of the storm was within 80km of Hong Kong, and stayed in force for five hours as Hato, the Japanese word for pigeon, besieged the city with torrential rain and hurricane force winds.

Economic losses were estimated at HK\$4 billion to HK\$8 billion as the stock market, busi-

nesses, offices and schools remained closed throughout the day. It was only after 5pm, with the typhoon signal down to No 3, that shops began opening and public transport services resumed.

As of 3pm yesterday, 480 Hong Kong International Airport flights had been cancelled at one of the region's busiest cargo and passenger hubs, and around 600 take-offs and landings were scheduled until dawn today. In a rare move, the Airport Authority said it was keeping its two run-

ways open to handle the overnight. Other airports in the region were not spared, with 270 flights were cancelled in Shenzhen, 130 in Zhuhai and 100 in Guangzhou.

Power supplies were disrupted in the mainland, while a power outage plunged Macau's famed casino into darkness for hours. Five people were killed and more than 150 injured in a merger Portuguese enclave.

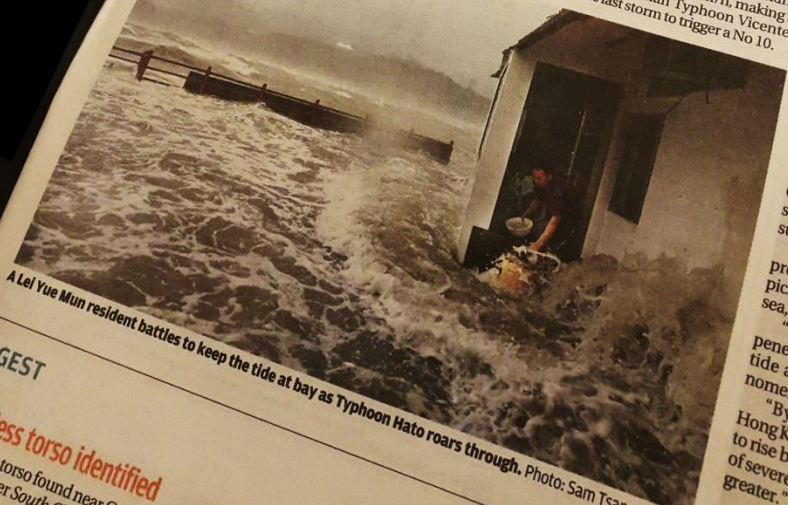
As Hato swept past the southern part of Hong Kong, 121 people sought medical treatment at public hospitals, while 340 had to seek refuge at temporary shelters.

The Government Flying Squad scrambled four helicopters to assist in eight rescue operations, plucking stranded cargo ships southwest of the city.

At its peak, Hato was packing gusts topping 193km/h, making it stronger than Typhoon Vicente, the last storm to trigger a No 10.

We tried to stop the waves from coming in with wooden boards, but it was no use

LI KWOK-PING, LEI YUE MUN RESIDENT



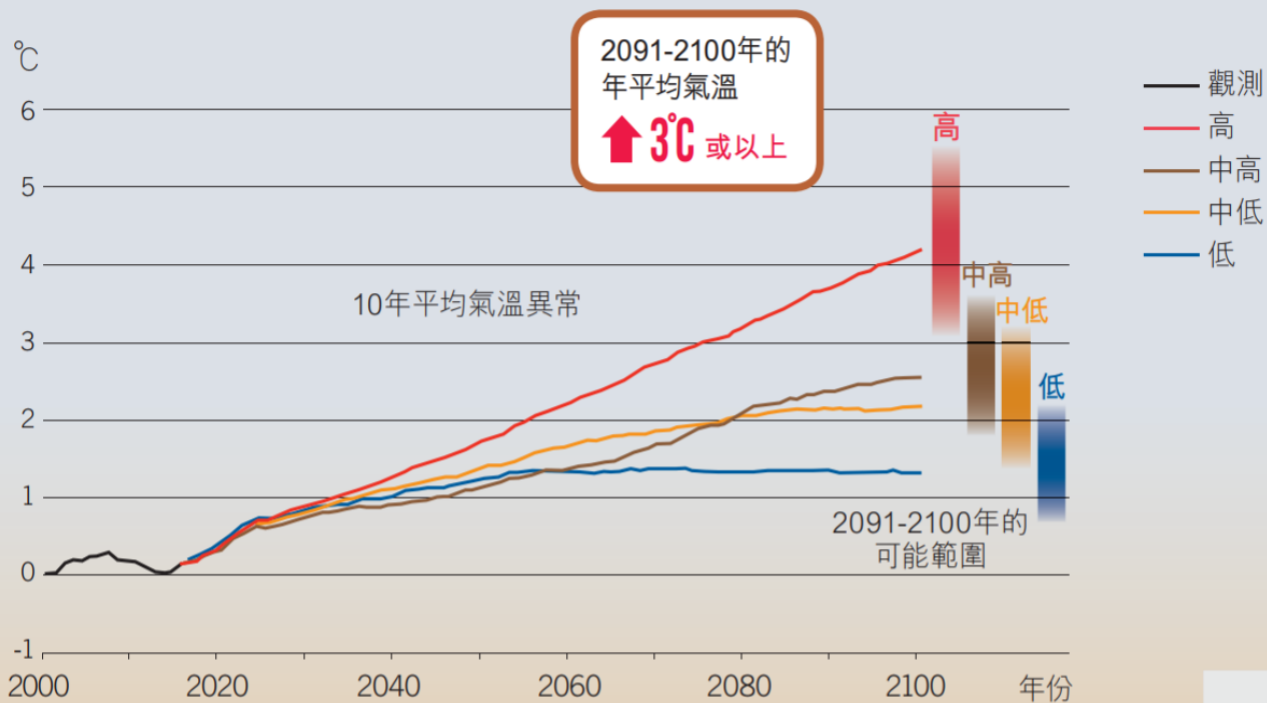
A Lei Yue Mun resident battles to keep the tide at bay as Typhoon Hato roars through. Photo: Sam Tsang

GEST

less torso identified
torso found near Coner
er South Chin
n Wall

今時唔同往日

在不同溫室氣體濃度情景下，推算香港年平均氣溫的變化
相對於1986-2005年



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今時唔同往日



氣候行動 相關例子



今時唔同往日



今時唔同往日



Climate change is a critical global issue and **extreme weather events** are expected to increase. To mitigate the impact to Hong Kong brought about by climate change such as **extreme hot weather**, adoption of urban and building designs with consideration of urban climate will be essential to improve the liveability of local built environment.

2

共建宜居城市



..... the government has implemented a range of policies to encourage **district cooling, urban greening, energy conservation, and improvement in air quality.** The **Climate Action Plan 2030+** launched by the Government further pointed **to the importance of consideration of the urban climate in adapting to climate change.** Specifically, the strategies provided in the HK Urban Climatic Planning Recommendation Map will help improve urban thermal comfort & the wind environment through optimising planning & design

共建宜居城市

The Guidebook, introduced by the HKGBC, puts forward guidelines and strategies to further help industry practitioners implement measures **beneficial to both their own projects and the wider public**. It provides a good summary of feasible approaches to good urban microclimatic designs. I wish to express my appreciation to the HKGBC for its efforts in promoting the sustainable built environment in HK. The Guidebook is a valuable contribution to **the environmental awareness and efforts in both the public and private sectors**.

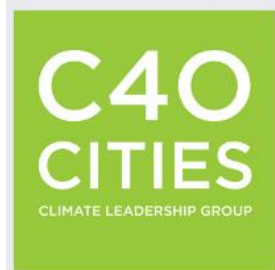
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Urban Liveability

Environmental Loadings

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Adaptation

Mitigation

3

HONG KONG'S
CLIMATE
ACTION PLAN
2030+

香港氣候行動



香港
氣候
行動藍圖
2030+

2017年1月

www.climateready.gov.hk

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In Collaboration with members of the Steering Committee on Climate Change:

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Hong Kong Observatory

MITIGATION

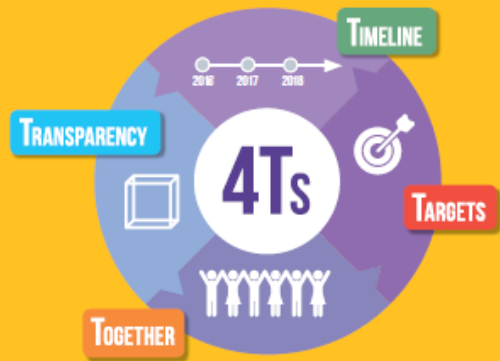
減緩

ADAPTATION

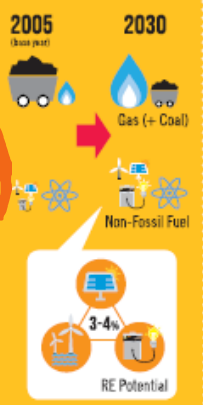
適應

RESILIENCE

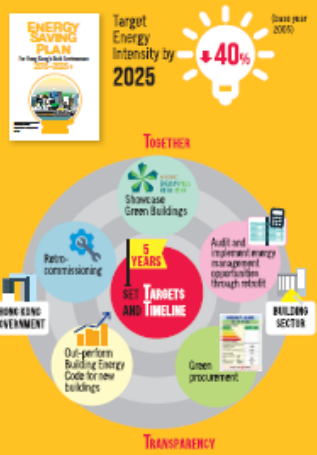
應變



SUPPLY SIDE



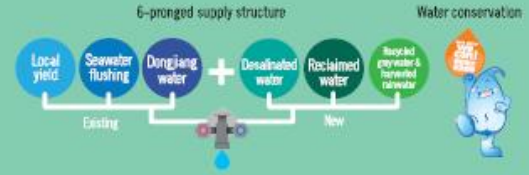
DEMAND SIDE



CITY PLANNING



WATER SECURITY



CONSERVATION AND BIODIVERSITY



CONSUMPTION-BASED EMISSIONS



LOW CARBON TRANSPORTATION



LOW CARBON CONSUMPTION



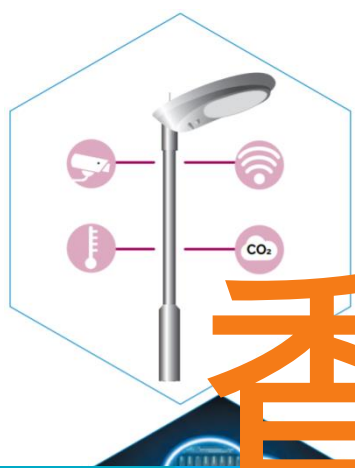
香港氣候行動



香港氣候行動



NB



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香港

智慧城市
藍圖

Hong Kong

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Blueprint



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