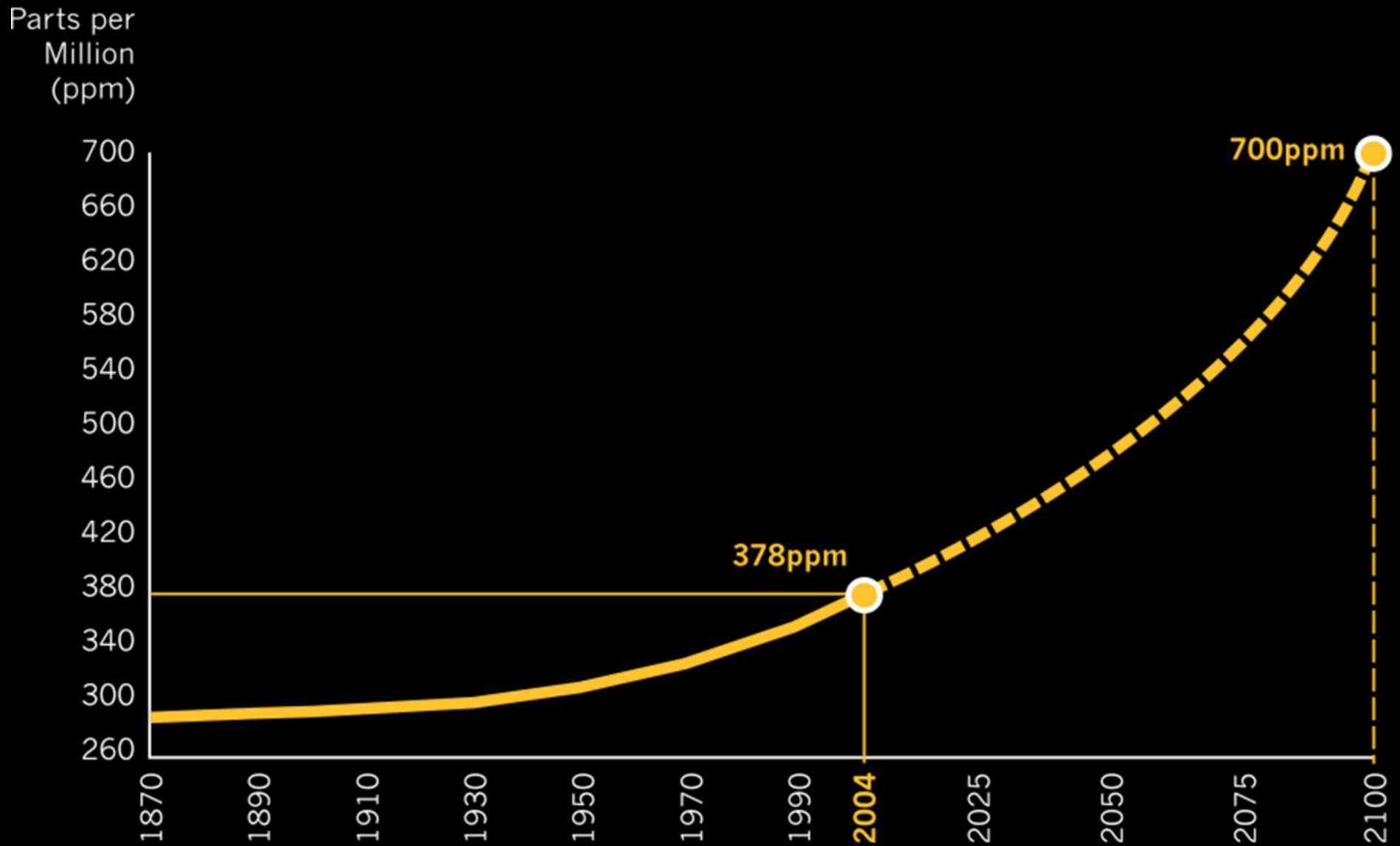




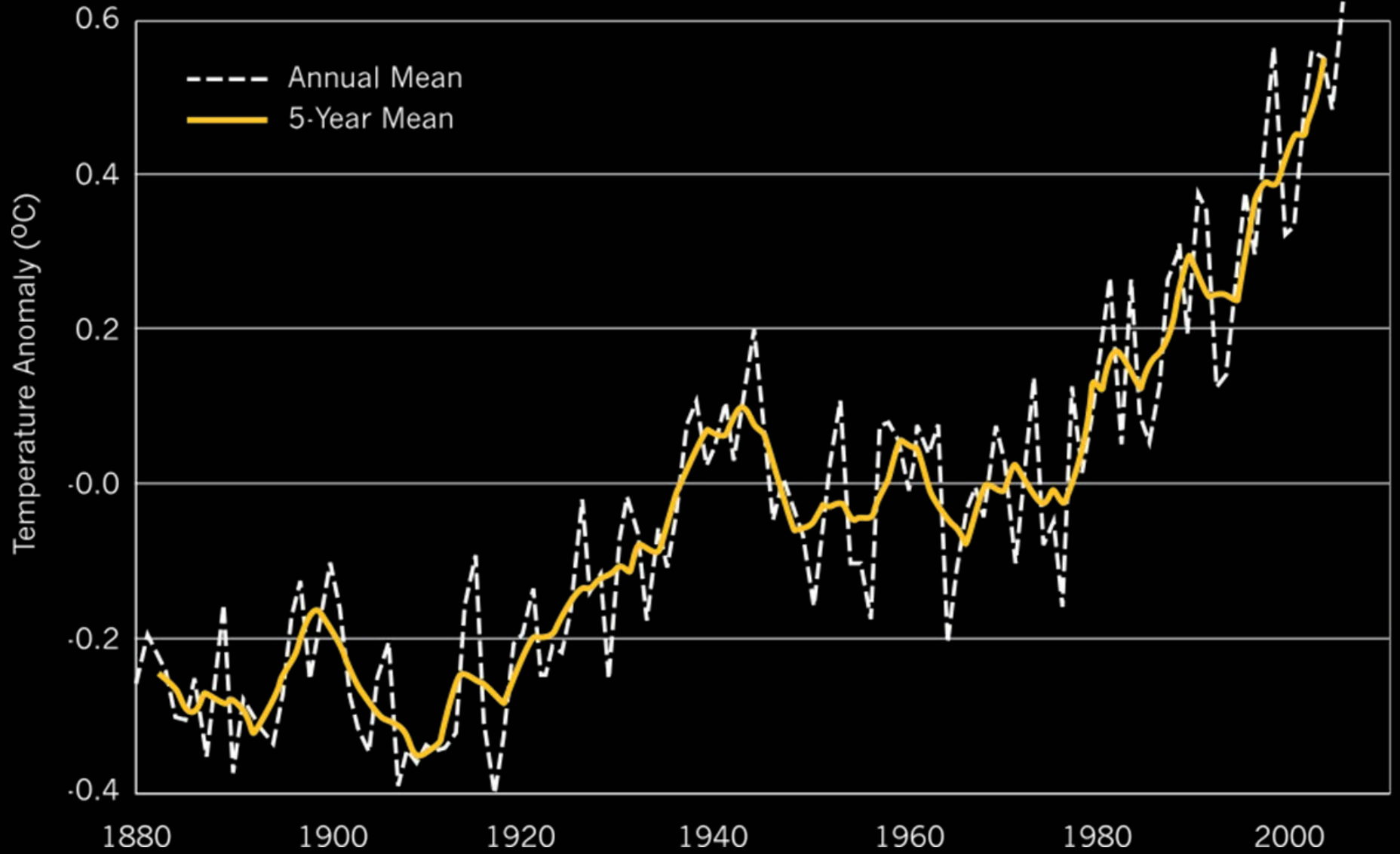
The IMPACTS of CLIMATE CHANGE in the PEARL RIVER DELTA

Civic Exchange

The evidence is clear...



The evidence is clear...



Impacts in this region

Higher Temperatures

Erratic rainfall

Rising Sea Levels

More Intense typhoons

Looking back...



1979

Looking back...

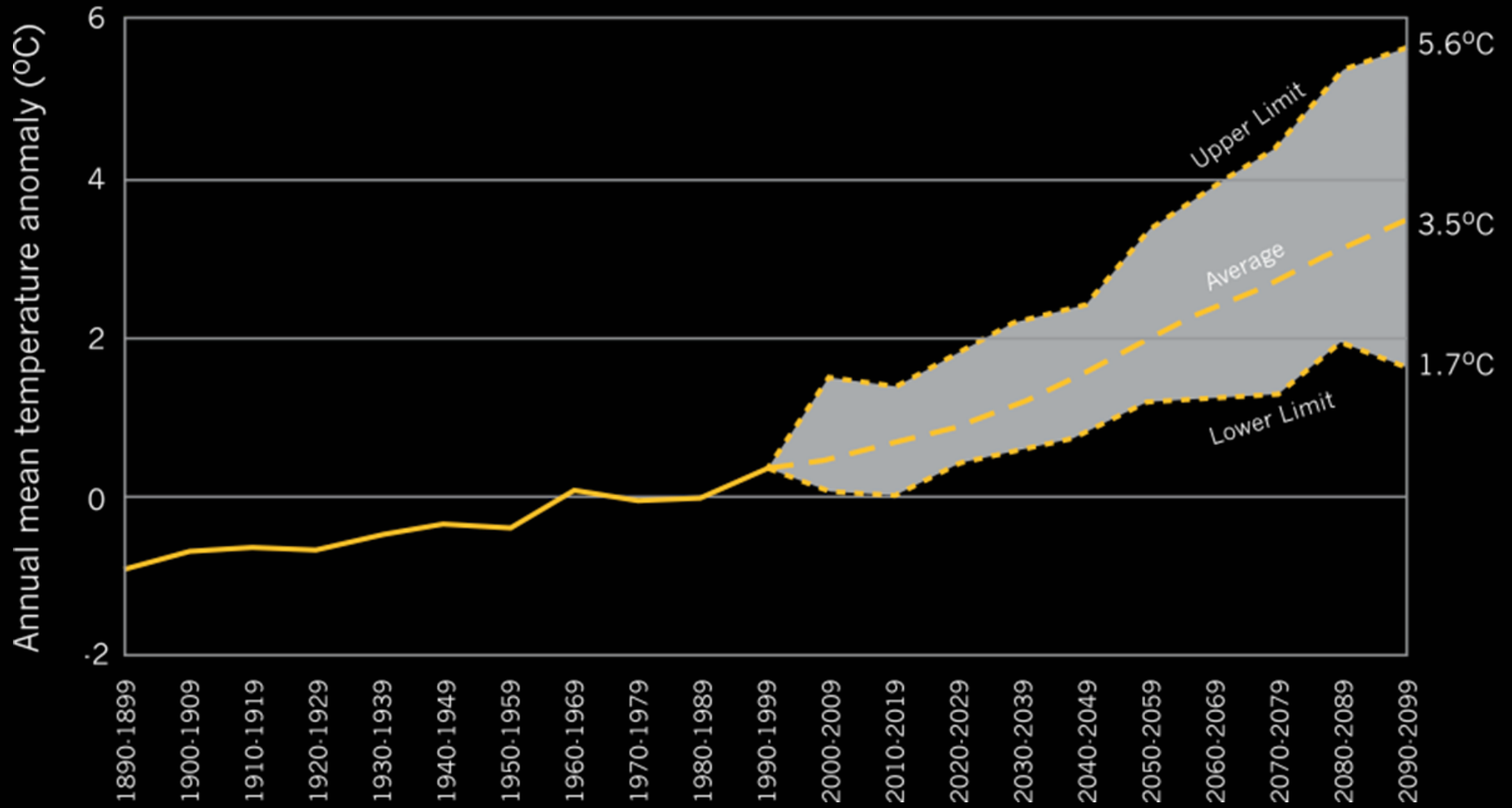


1979



2004

Higher Temperatures



Erratic Rainfall

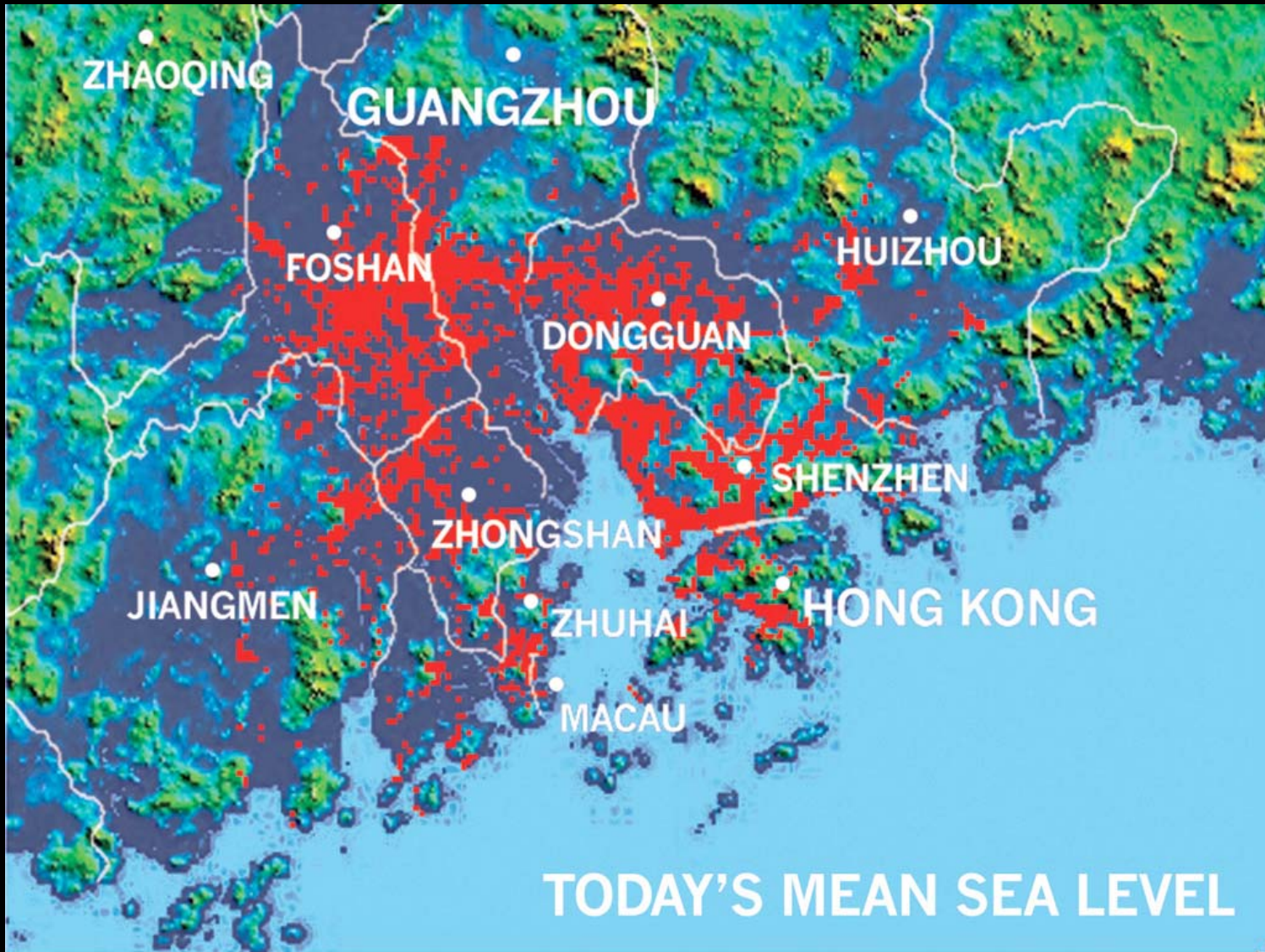


GETTY IMAGES

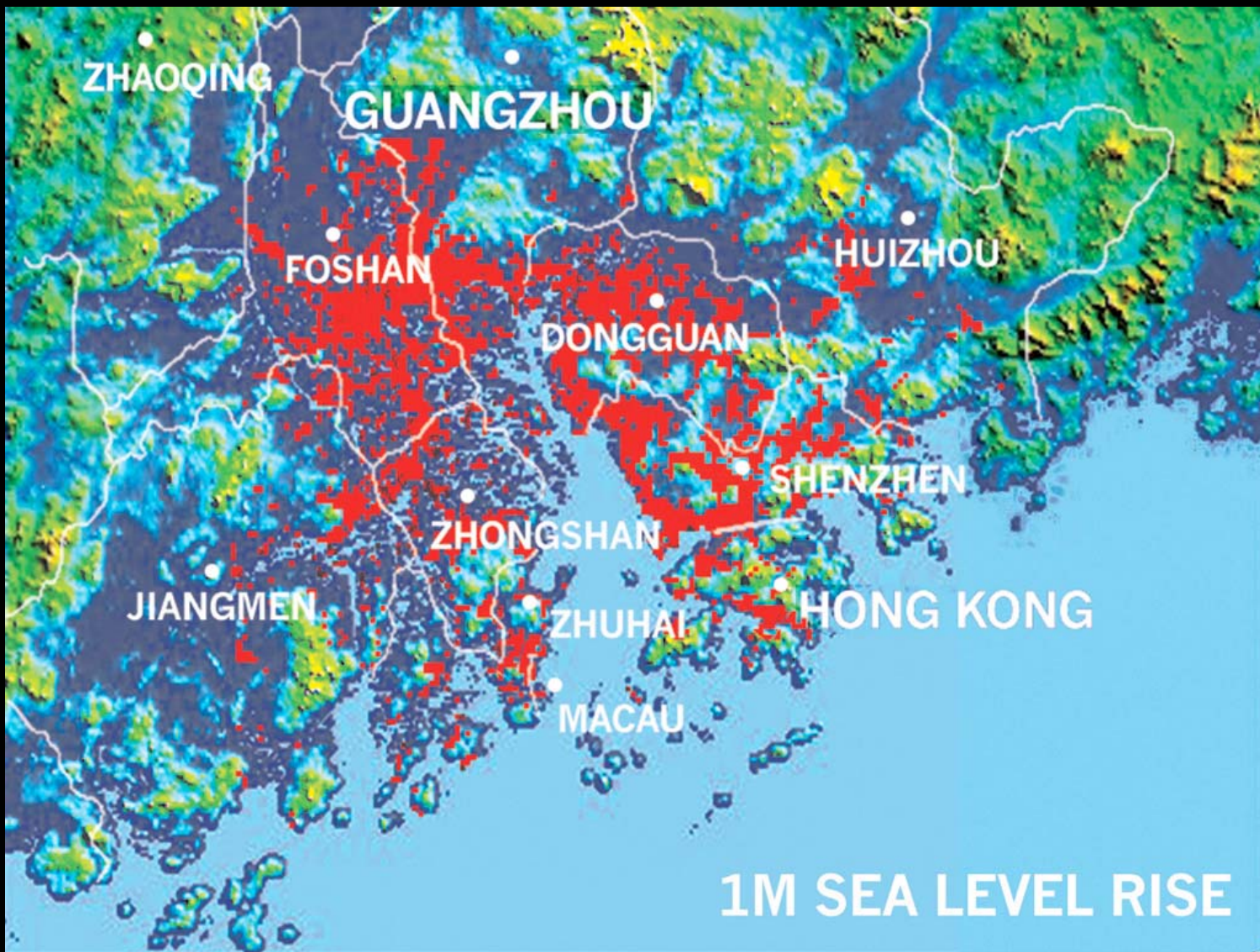
More Intense Typhoons



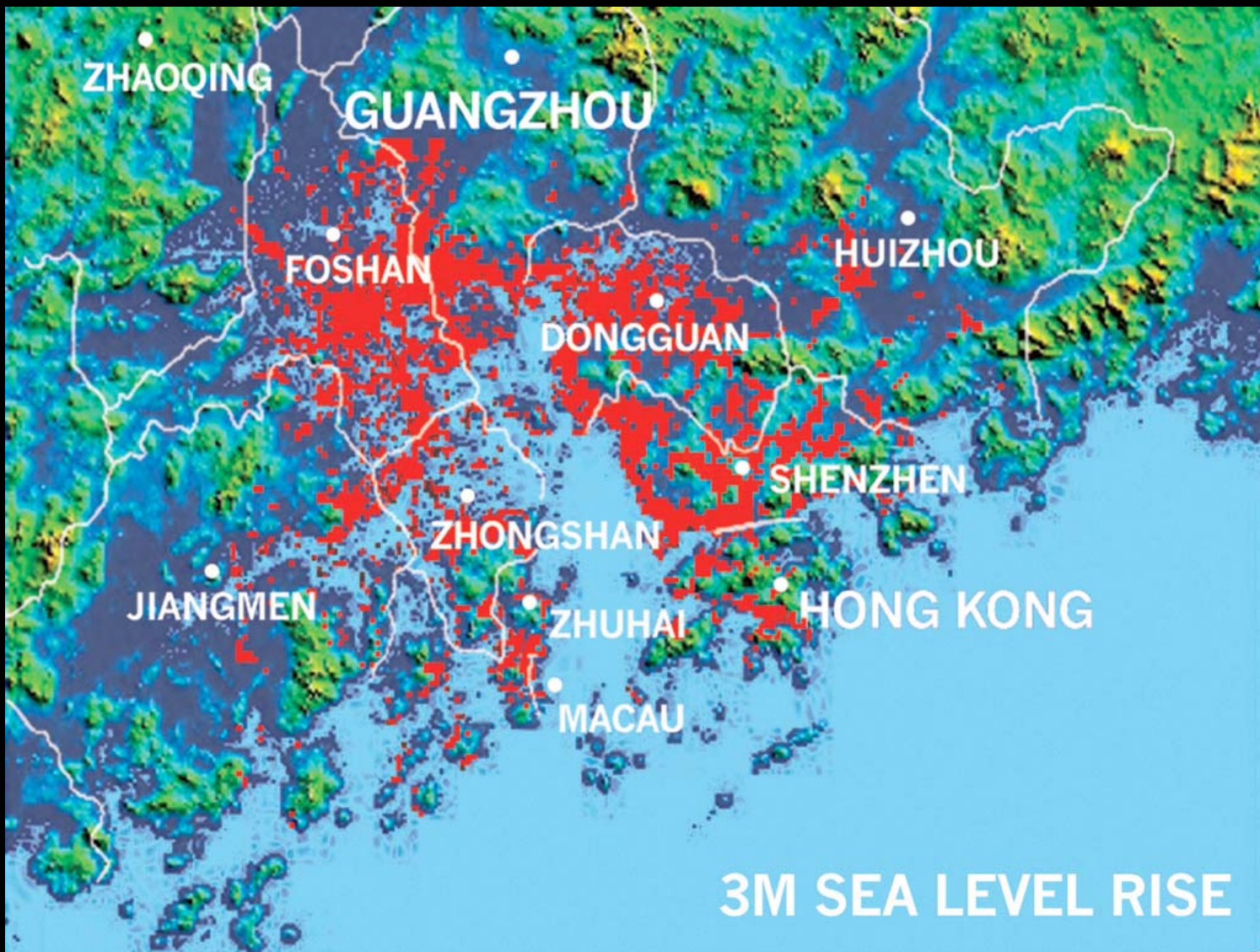
Rising Sea Levels



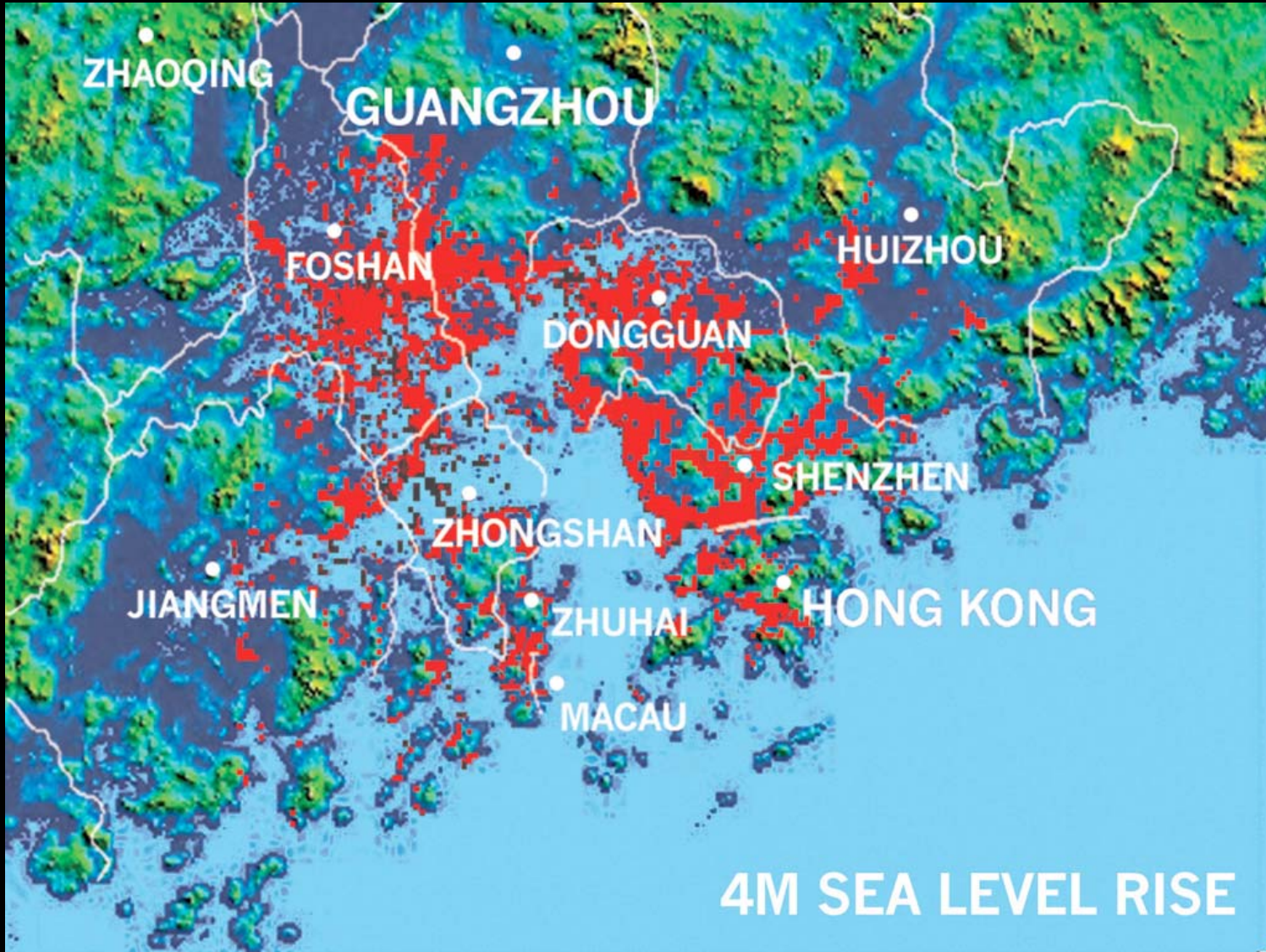
Rising Sea Levels



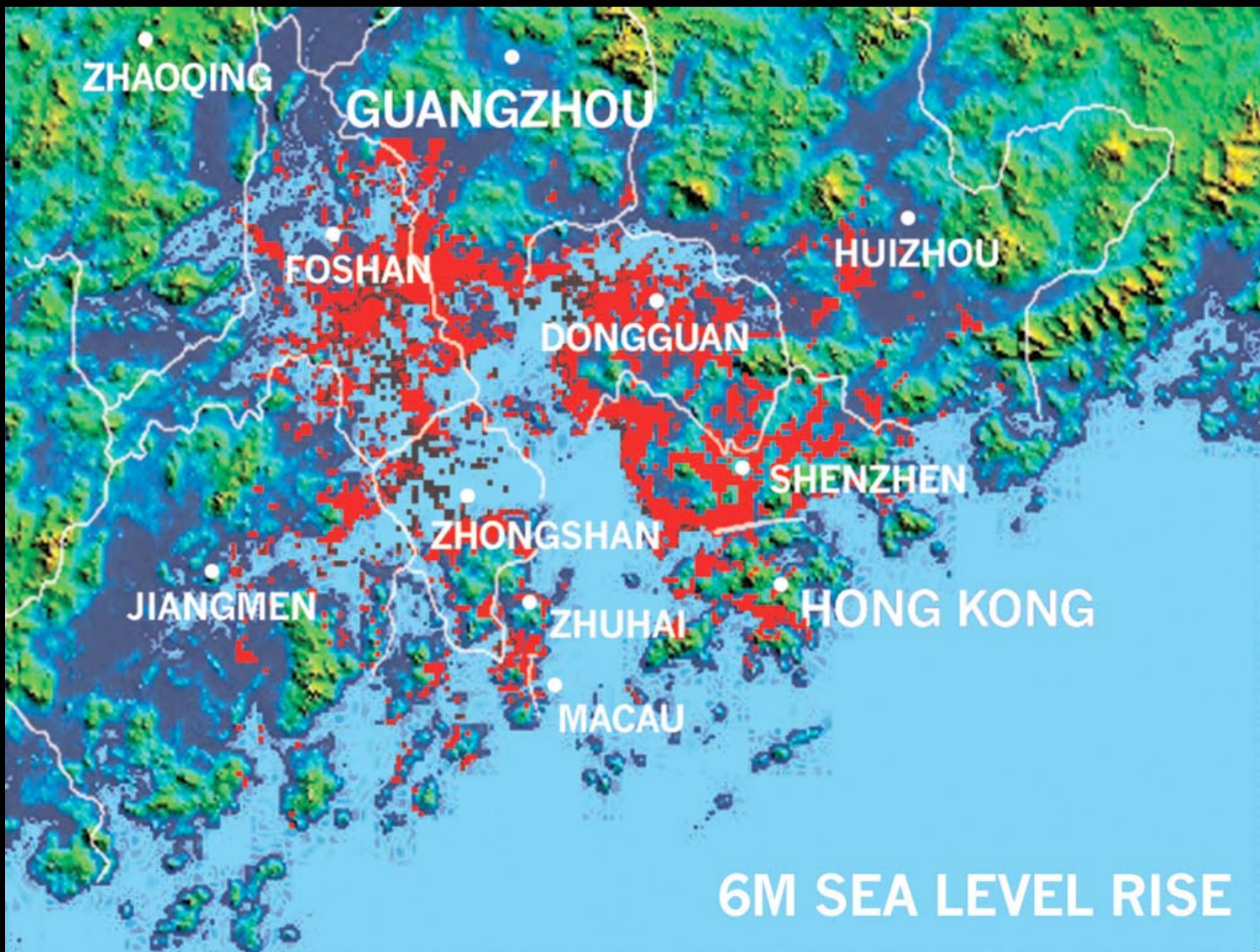
Rising Sea Levels



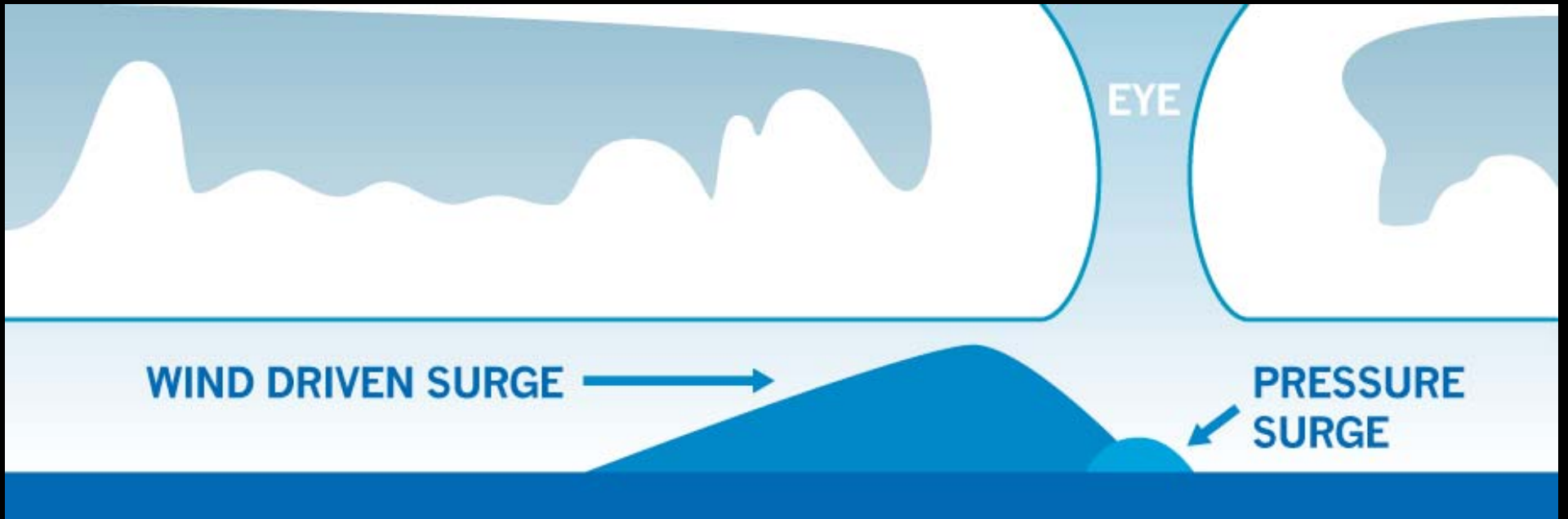
Rising Sea Levels



Rising Sea Levels



Storm Surge



What if the icecaps melt?



- Melted in 2005
- 1st Recorded Melt
- 2,000m Elevation

“Climate change is not by any means just an issue about the environment. It is a business issue.”

Rt Hon. Margaret Beckett MP

POTENTIAL THREATS TO SHAREHOLDER VALUE

- **PHYSICAL RISK**
- Regulatory risk
- Litigation risk
- Competitiveness risk
- Reputational risk



Qingyuan

Heyuan

 **Huadu Airport**

Huadu

Zengcheng

 **Huizhou Airport**

Zhaoqing River Port

Shati Airport

Guangzhou

Huangpu

Nanhai

Dongguan

Huizhou

Panyu

Humen Port

Huiyang

Gaoming River Port

Rongqi River Port

Huangtian Port

Aotou Port

Jiangmen River Port

Nansha

Huangtian Airport

Yantian Port

Xinhui River Port

Zhongshan Port

Ma Wan & Chi Wan Ports

Shenzhen

Hong Kong

Kaiping

Shekou Port

Kwai Chung Container Port

Doumen River Port

Zhuhai

Hong Kong International Airport

Taishan

Ka Ho Port

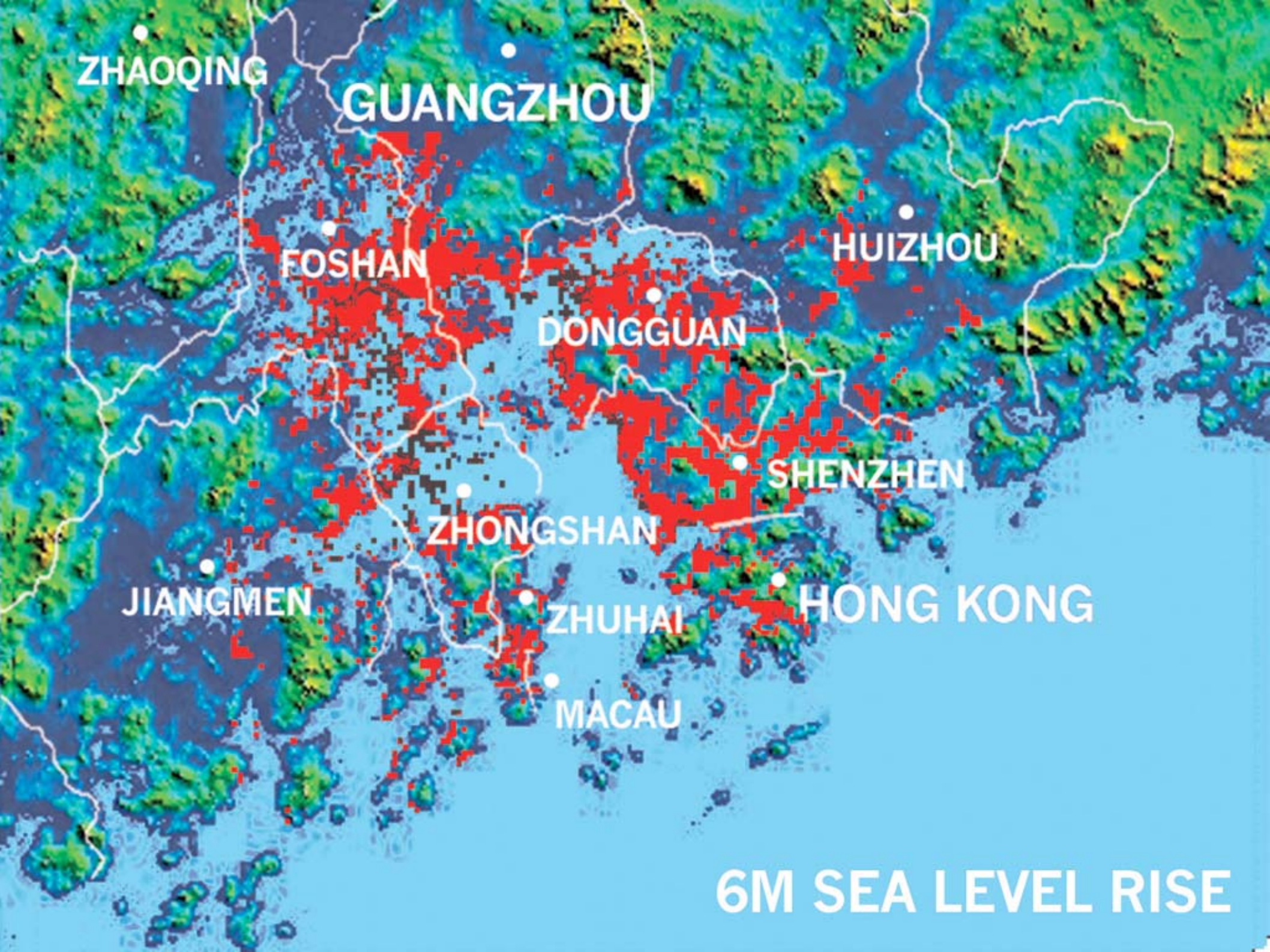
Macau

Macau Airport

Jiuzhou Port

Zhuhai (Gaolan) Port

Zhuhai Sanzao Airport



ZHAOQING

GUANGZHOU

FOSHAN

DONGGUAN

HUIZHOU

SHENZHEN

ZHONGSHAN

JIANGMEN

ZHUHAI

HONG KONG

MACAU

6M SEA LEVEL RISE

DISRUPTION IS BAD FOR BUSINESS

A large cargo ship is docked at a port, surrounded by stacks of shipping containers and cranes. The ship's name 'HANJIN LONDON' is visible on its side. The containers are stacked high, with 'HANJIN' and 'COSCO' logos clearly visible. The scene is set against a dark, overcast sky, suggesting a somber or industrial atmosphere.

- Facility operation disrupted
- Power supply interrupted
- Delivery of components halted
- Export of finished goods delayed

POTENTIAL IMPACTS ON BUSINESS

- Lower revenues
- Higher operating costs
- Higher taxation
- Decreased FDI
- Negative for shareholder value

