

A satellite night view of Earth showing city lights and a network of connections. The lights are concentrated in the Eastern Hemisphere, particularly in Asia and Australia, and form a dense, interconnected web. The background is a deep blue-black space.

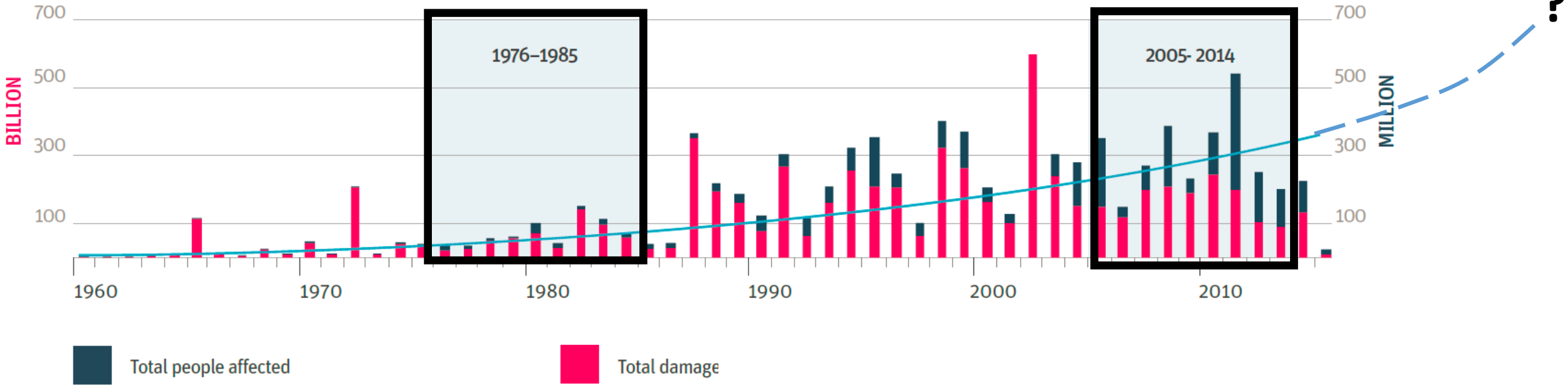
The Making of a Riskier Future

Anna Wellenstein
World Bank Group

Disaster Risks are increasing rapidly

**Average Annual
Total Damage
US\$ 14BIL**

**Average Annual
Total Damage
US\$ 140BIL**



Source: emdat.be, data for natural hazards only

Rapid Urbanization = Rapid Increase in Exposure

Year 2000



0.6 million km²

Year 2050



3 million km²

Source: urbanizationproject.org/blog/urban-expansion-and-cultivated-lands#.Vs4hk5yLTDC

If urbanization trends continue for next 30 years in Indonesia....

166%
INCREASE
river flood risk



455%
INCREASE
coastal flood risk

Climate Change = Changing Hazard

Coastal and river flooding is changing.
Together with urbanization and population growth,
risk will grow rapidly!

922
MILLION
people (2010)



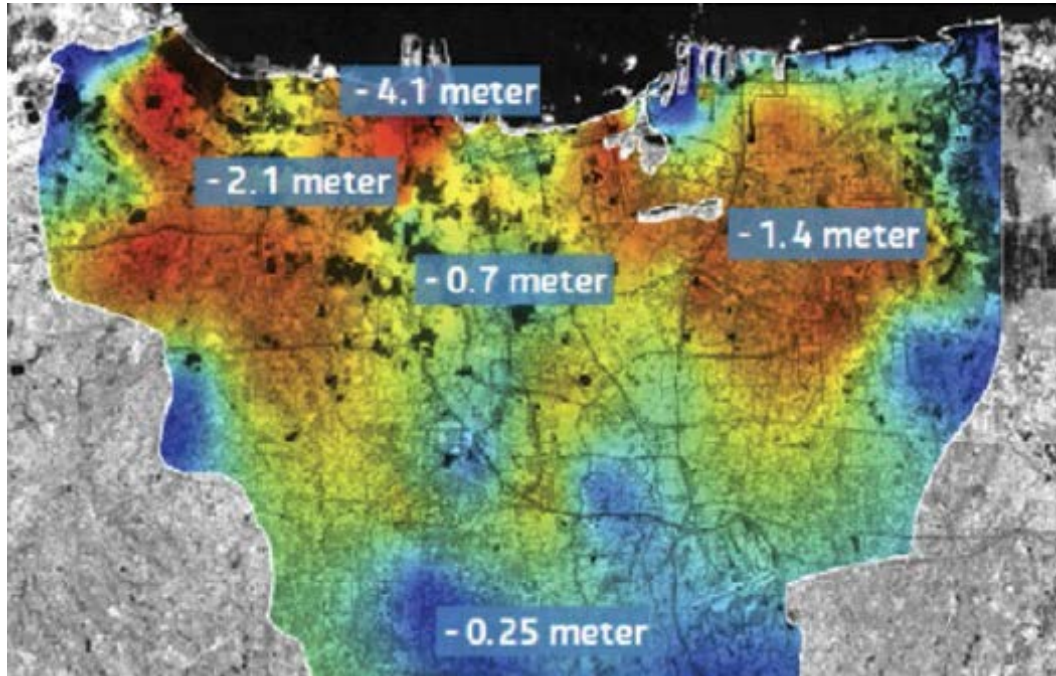
1,300
MILLION
people (2050)

US\$ 46
TRILLION
in assets (2010)



US\$ 158
TRILLION
in assets (2050)

Subsidence (sinking cities) = Changing Environment



Source: modified from JCDS, 2011

Historical subsidence in Jakarta (1974-2010) with rates today of 75-100mm per year.



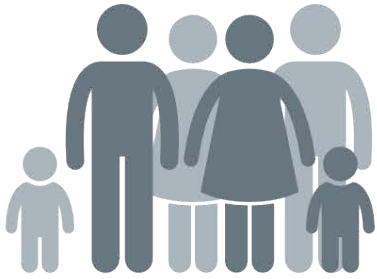
*With no adaptation to increased sea level, and sinking land, annual loss in **136 coastal cities** will increase from*

US\$ 6
BILLION
in 2010

US\$ 1,000
BILLION
in 2070

Our decisions are shaping the future of disaster risk

Lets ensure that our risk assessments consider these changing risks



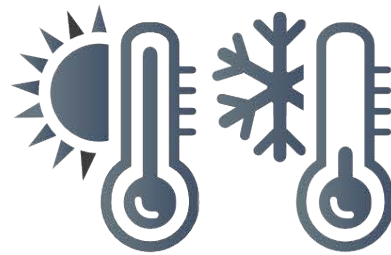
01

Population
increase



02

Rapid
urbanization



03

Climate
change



04

Environmental
conditions