Health and Climate in Asia

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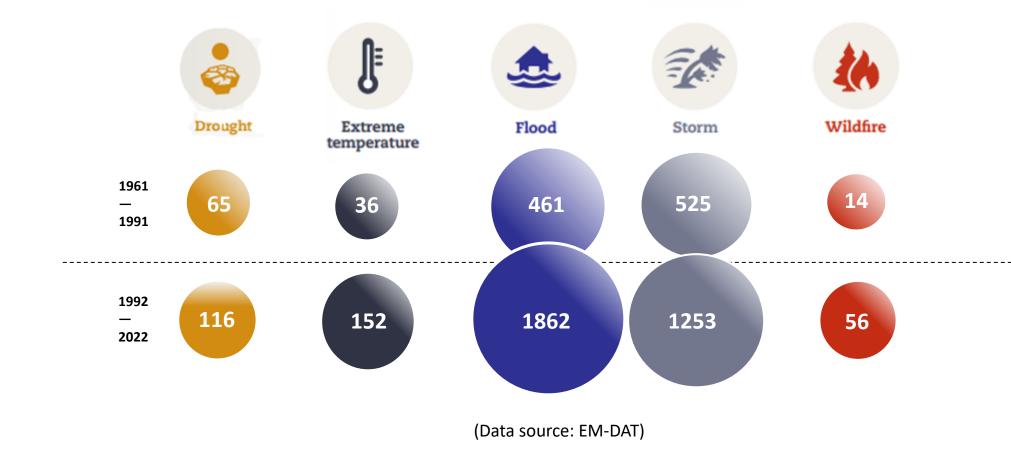
Key messages

Global warming and extreme weather events are threatening human health in Asia. With highly diverse and complex climate conditions and socio-economic backgrounds, Asian countries face different health threats of climate change.

Targeted and coordinated response measures are needed.

Global warming and extreme weather events are threatening human health in Asia.

Total disaster events by type: 1961-1991 VS. 1992-2022







2021 Turkey Wildfire



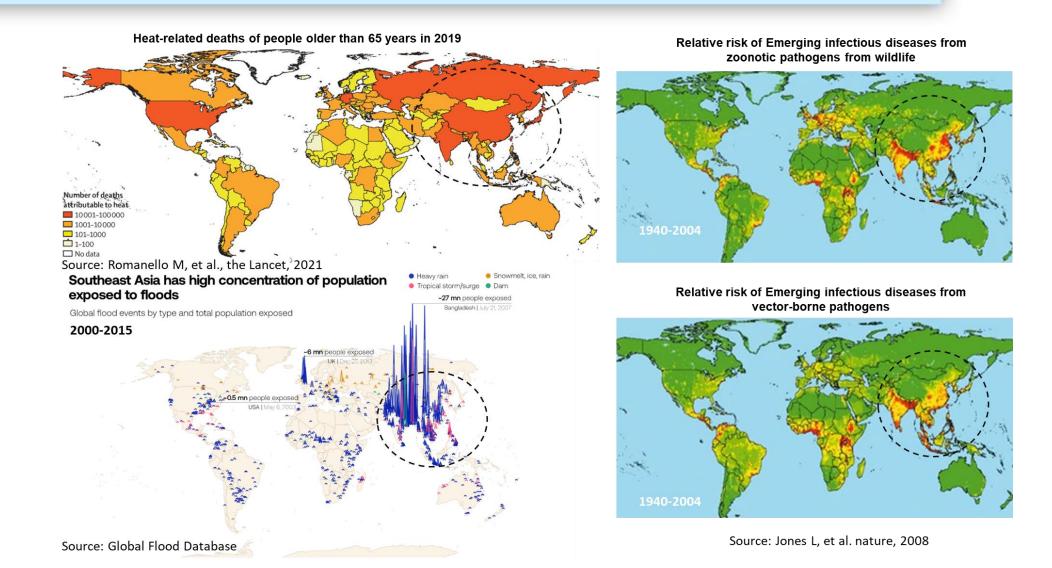
2021 Henan floods in China



2022 heatwaves in Japan

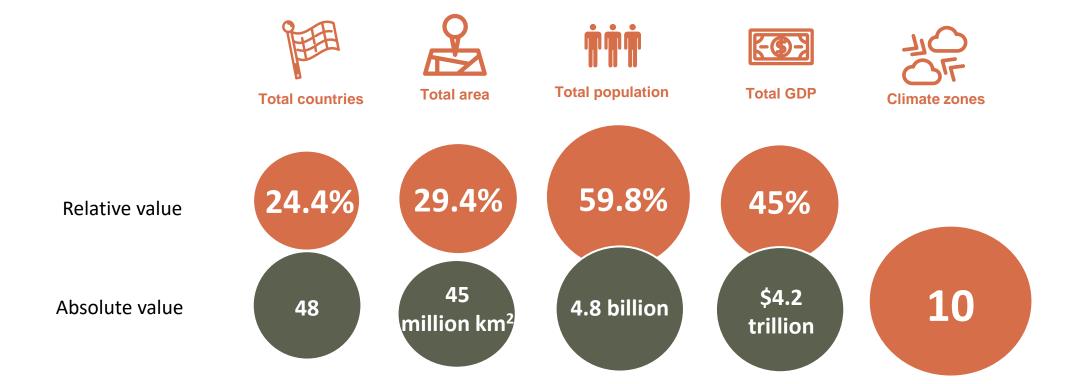
Global warming and extreme weather events are threatening human health in Asia.





Some basic facts about Asia: diverse and complex climate and socio-economic conditions

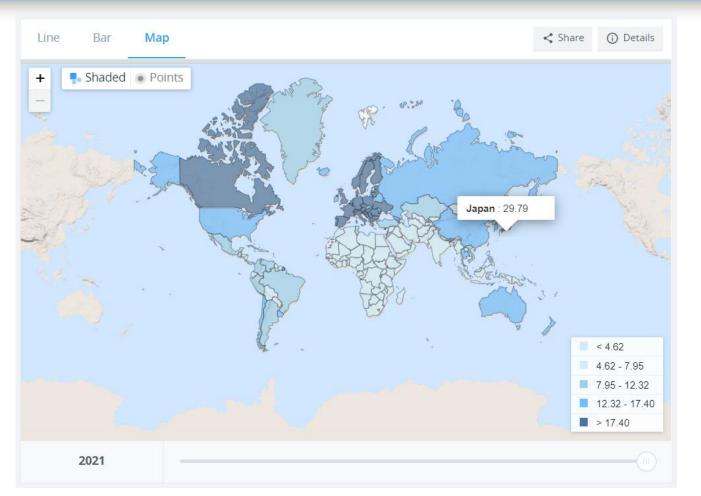




Asia is the largest continent in the world with the largest population. The climate and socio-economic conditions among Asian countries vary a lot.

Some basic facts about Asia:

diverse and complex climate and socio-economic conditions

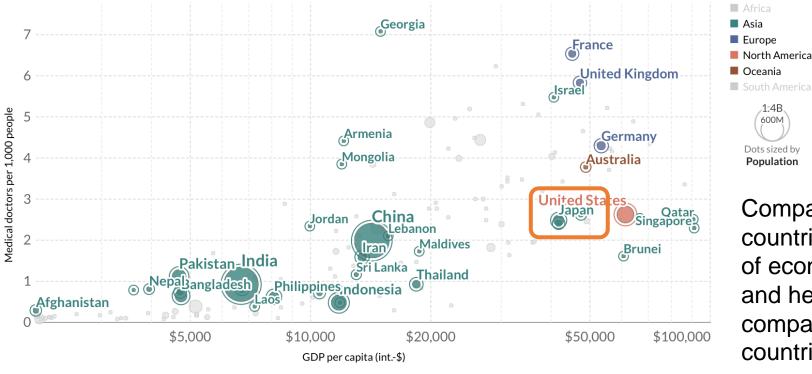


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Japan is one of the countries in the world that have the highest share of older people. Elderly people are more vulnerable to climate change.

Share of older people (65+) in total population in Asia

Some basic facts about Asia: diverse and complex climate and socio-economic conditions



Comparatively, most Asian countries have lower levels of economic development and healthcare resources compared to western countries.

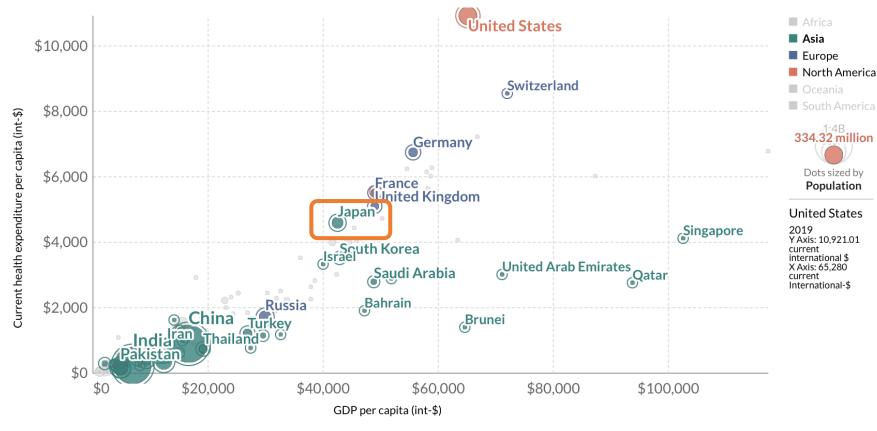
Source: Data compiled from multiple sources by World Bank

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Medical doctors per 1,000 people v.s. GDP per capita, 2019



Some basic facts about Asia: diverse and complex climate and socio-economic conditions



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Source: Data compiled from multiple sources by World Bank

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Current health expenditure per capita v.s. GDP per capita, 2019

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Major health concerns of climate change in Asia:

Similarities and differences co-exist. Targeted response measures needed.

	Climate and flooding	Forest fires	Heat- related	Cold- related	Mental health	Forced migration	Climate change and environmental toxicology	Food& nutrition security and agriculture	Infection disease threats	Fertility	Allergy
China	V	v	V	v		V	V		V		
India	V	v	V			V		V			
Japan			V				V		V		
South Korea			V								
Indonesia											
Malaysia	v	v					V		V	v	
Nepal	V		V	V			V	V	V		
Pakistan	V							V	V		
Turkey	V		V			V					
Armenia	v		v			V		V	V		V
Azerbaijan								V			
Bangladesh			V	v	v				٧		V
Russian Federation	v	v				V		V			

Source: AASSA, 2021

Key messages

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Targeted and coordinated response measures are needed.

Thank you

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