Advisory Board Research Showcase 29th January 2019

Natural Catastrophes and Climate

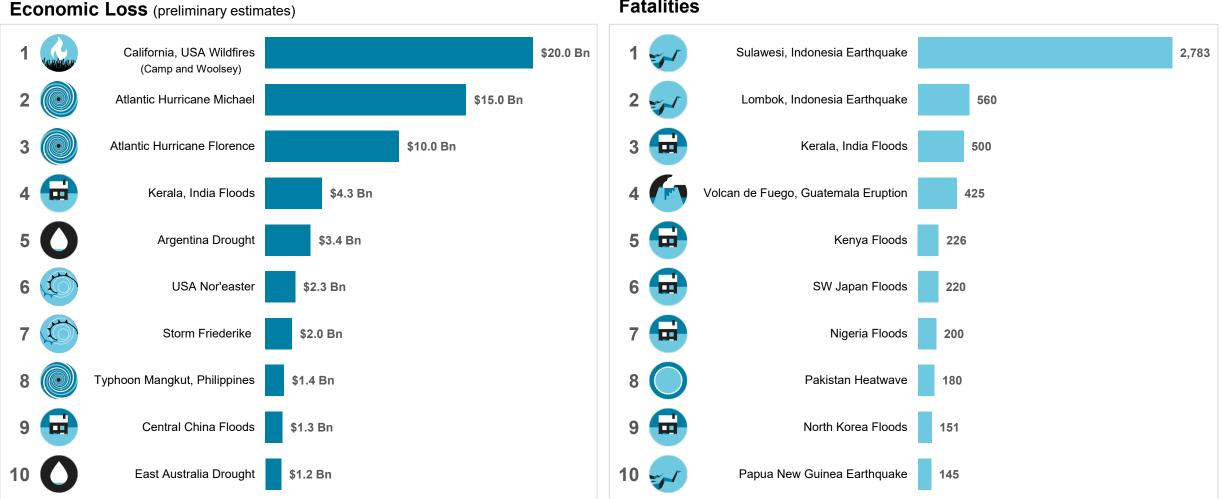




Oliver Carpenter Research Assistant Cambridge Centre for Risk Studies



Top 10 Global Natural Catastrophes 2018



Fatalities



Data from EM-DAT (CRED, 2018)

Geophysical Hazards

Liquefaction during the Sulawesi Earthquake, Indonesia 28th September 22018

Landsides caused by the Hokkaido Earthquake, Japan 6th September 2018



Volcanic eruption

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Before (17/08/2018)

After (01/10/2018)



Hydrometeorological Hazards



Tropical Windstorm



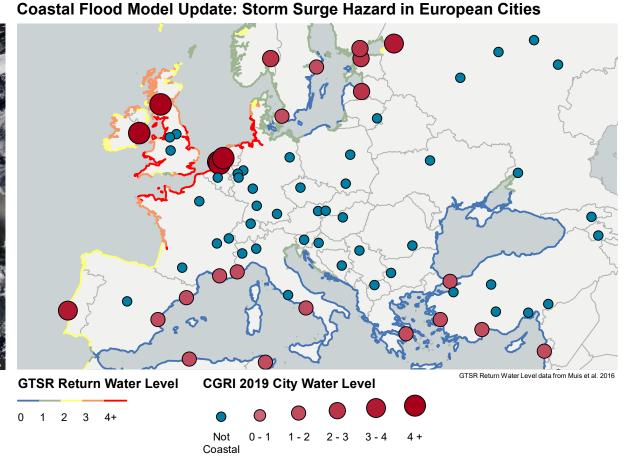
Temperate Windstorm



Flood

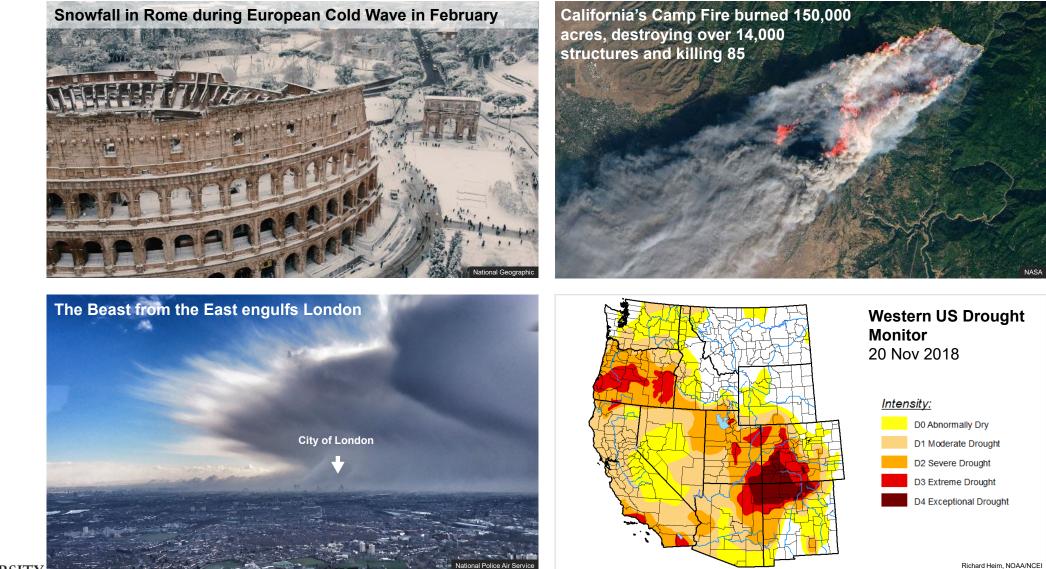
In September, there were 21 named tropical cyclones active at some point during the month – just one short of the record 22

Four simultaneous names storms in the Atlantic





Hydrometeorological Hazards

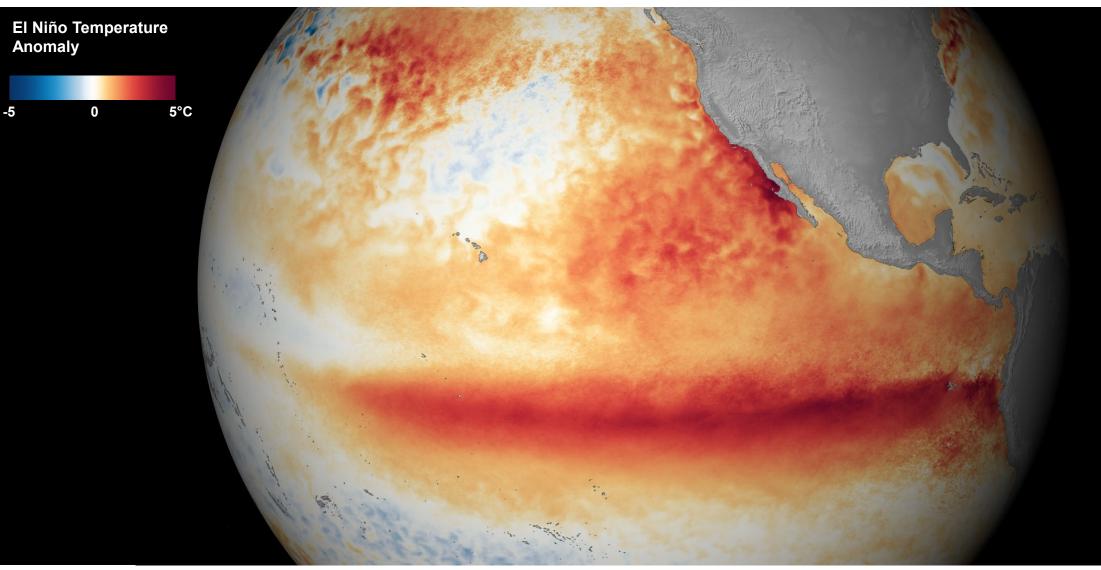




Freeze

Heatwave

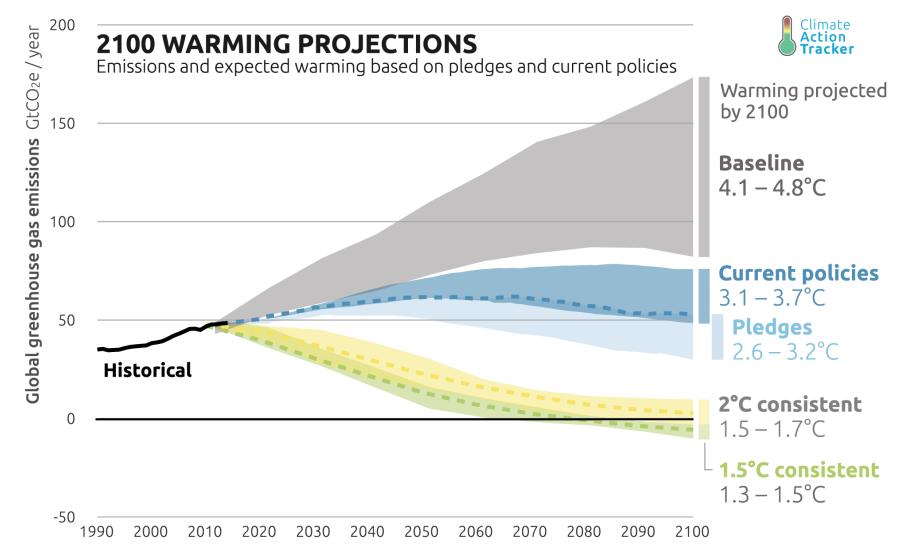
Climate Change and Variability





NOAA

Climate Change and Variability



UNIVERSITY OF CAMBRIDGE Judge Business School Climate Action Tracker

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