

Bivariate extreme value theory

Often interest is in extreme values of more than one variable.

Tornado



Caused by extreme values of humidity and
wind speed

Forest fires



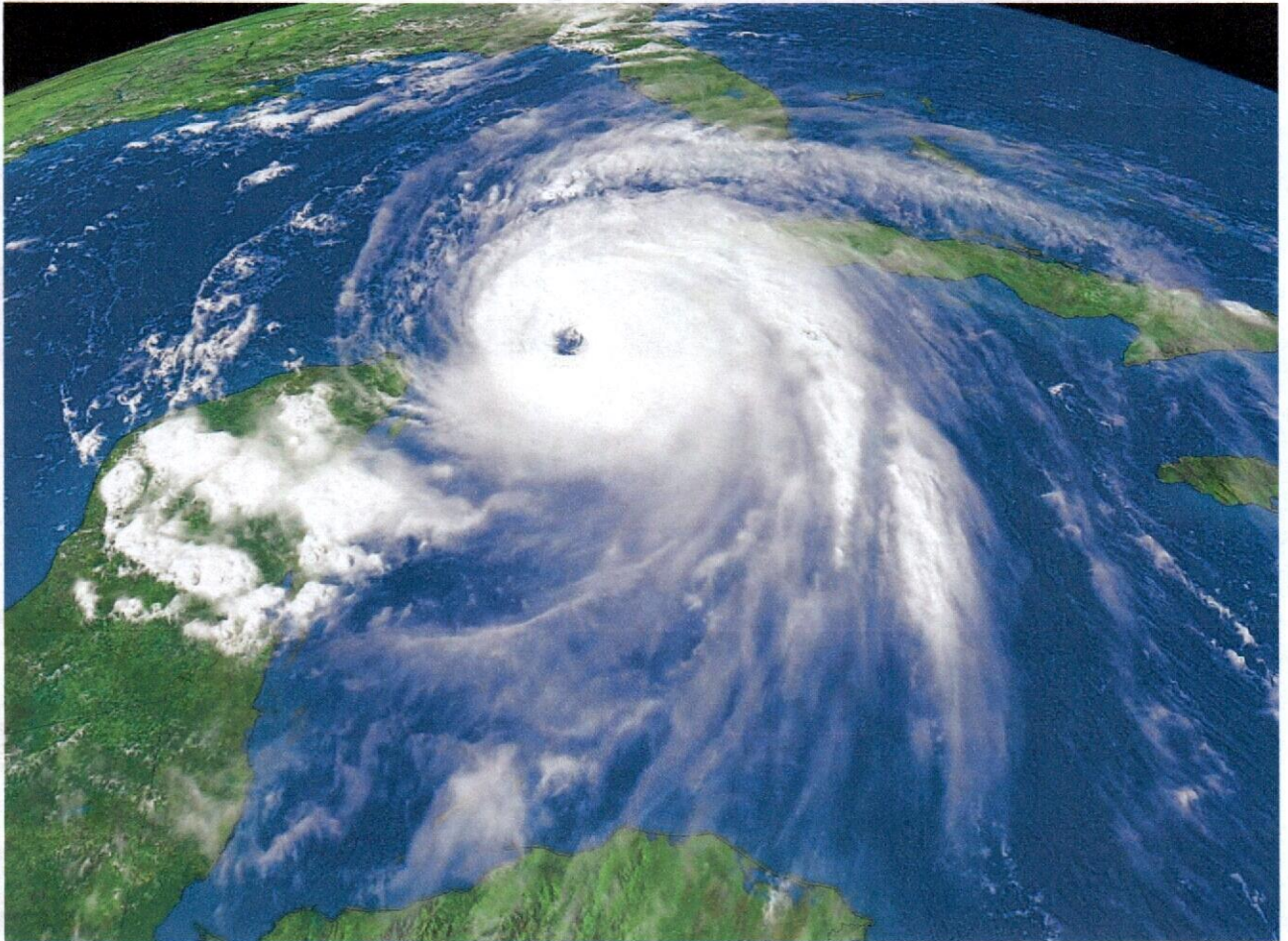
Caused by extreme values of temperature and
wind speed

Droughts



Caused by extreme values of rainfall and
temperature

Hurricanes



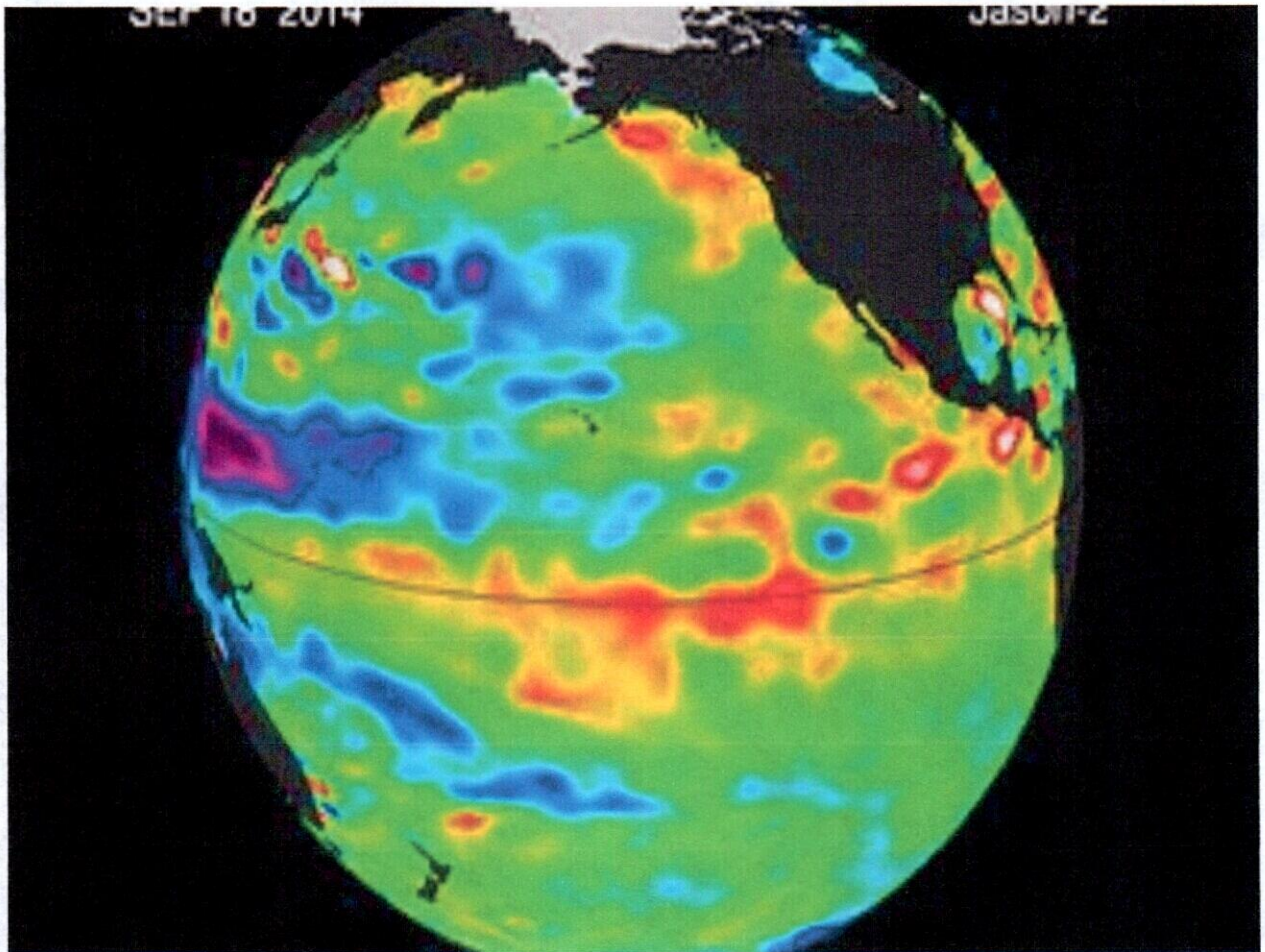
Caused by extreme values of sea temperature,
rainfall and wind speed

Floods



Caused by extreme values of rainfall and wind speed

El-Nino



Caused by extreme values of sea temperature
and air pressure