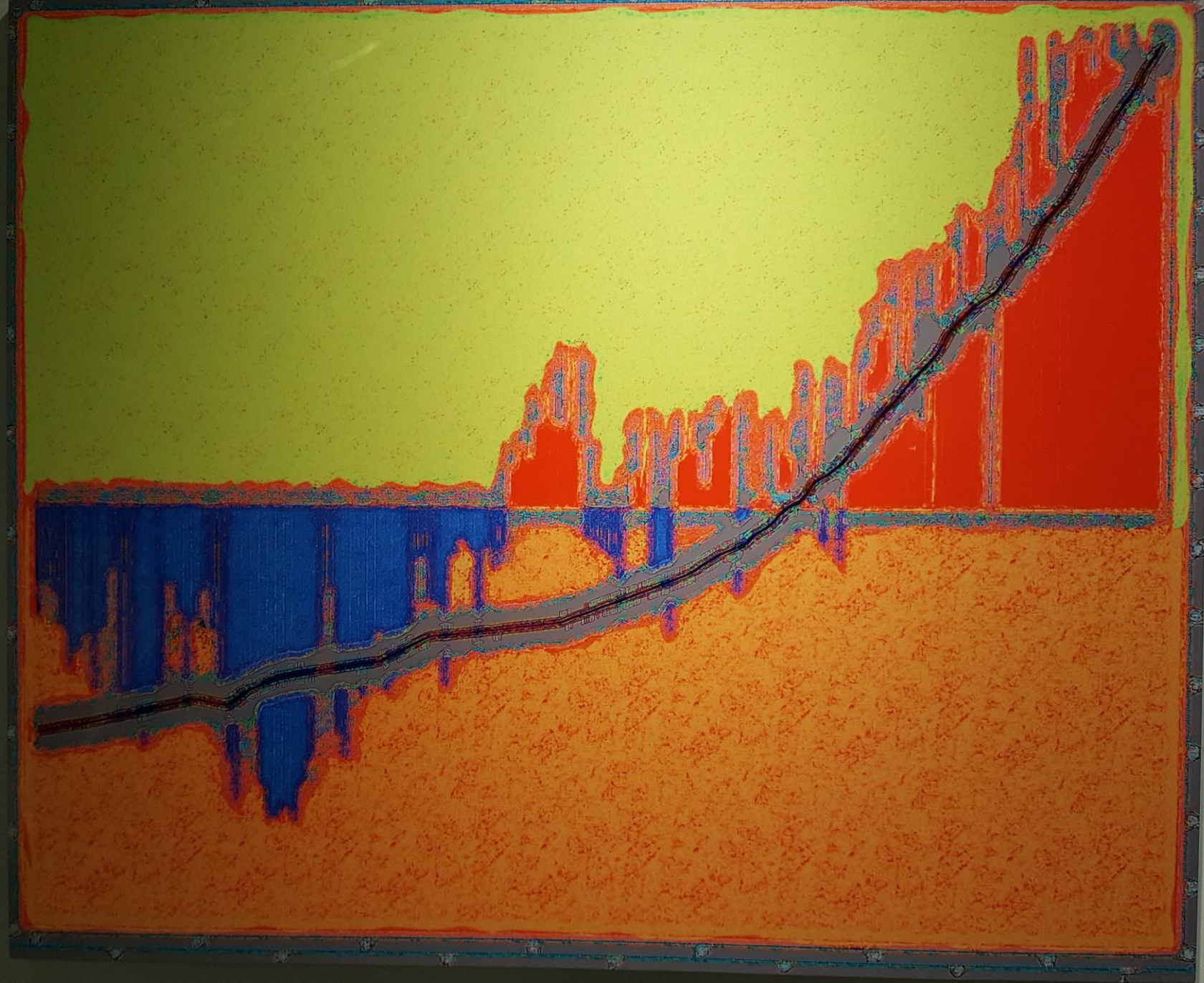
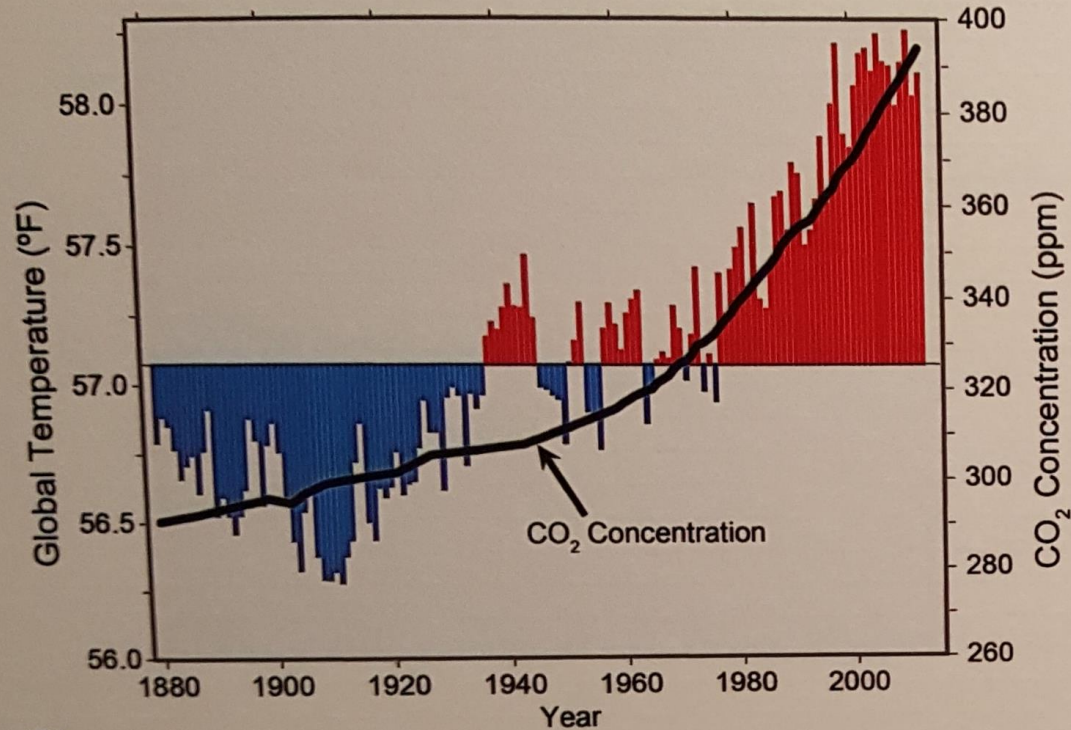


Data + Art + Sustainability

Science Centre, 2022



Global Temperature and Carbon Dioxide



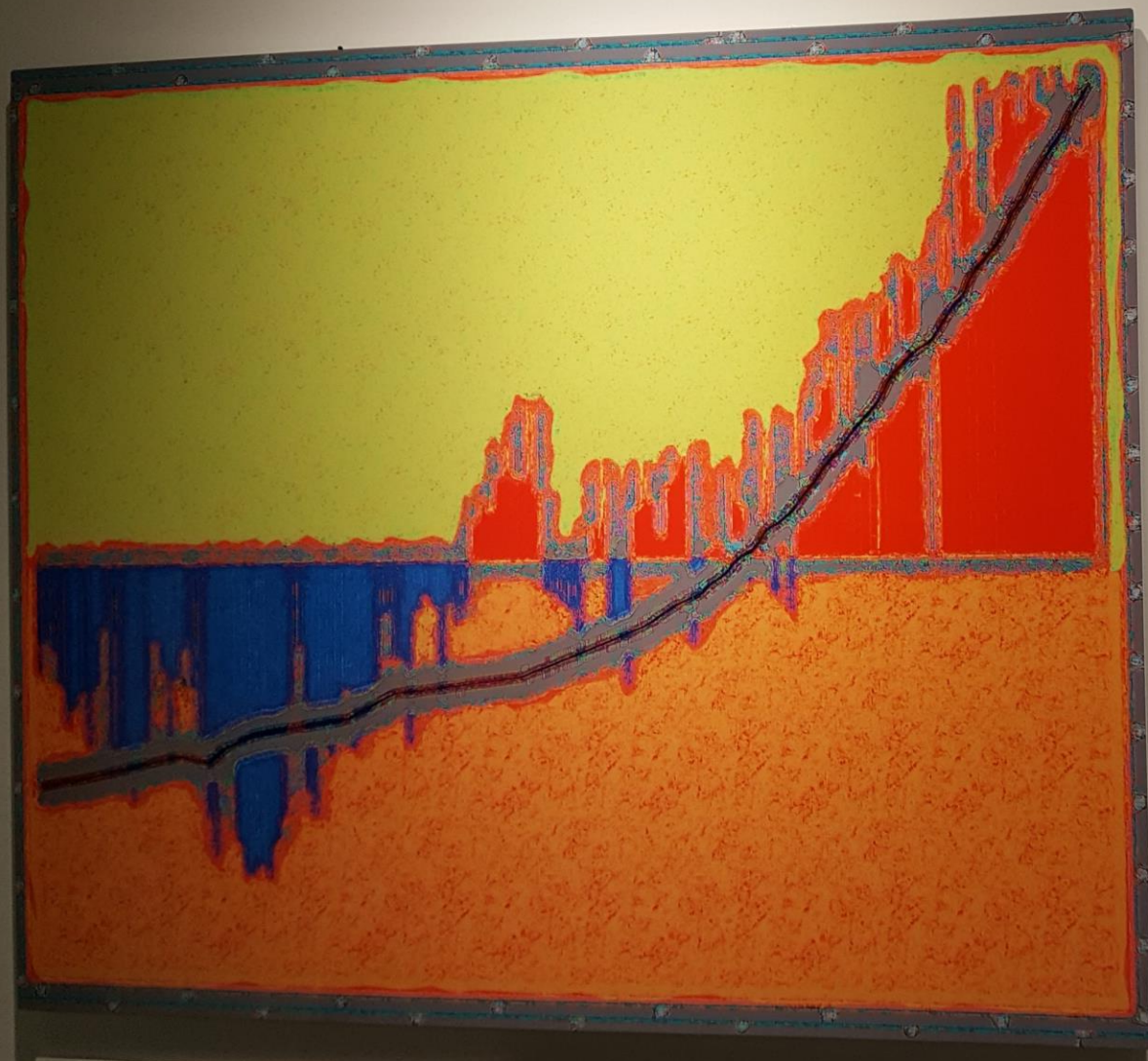
1

Earth's average **temperature** is **higher** now than it was in 1880.

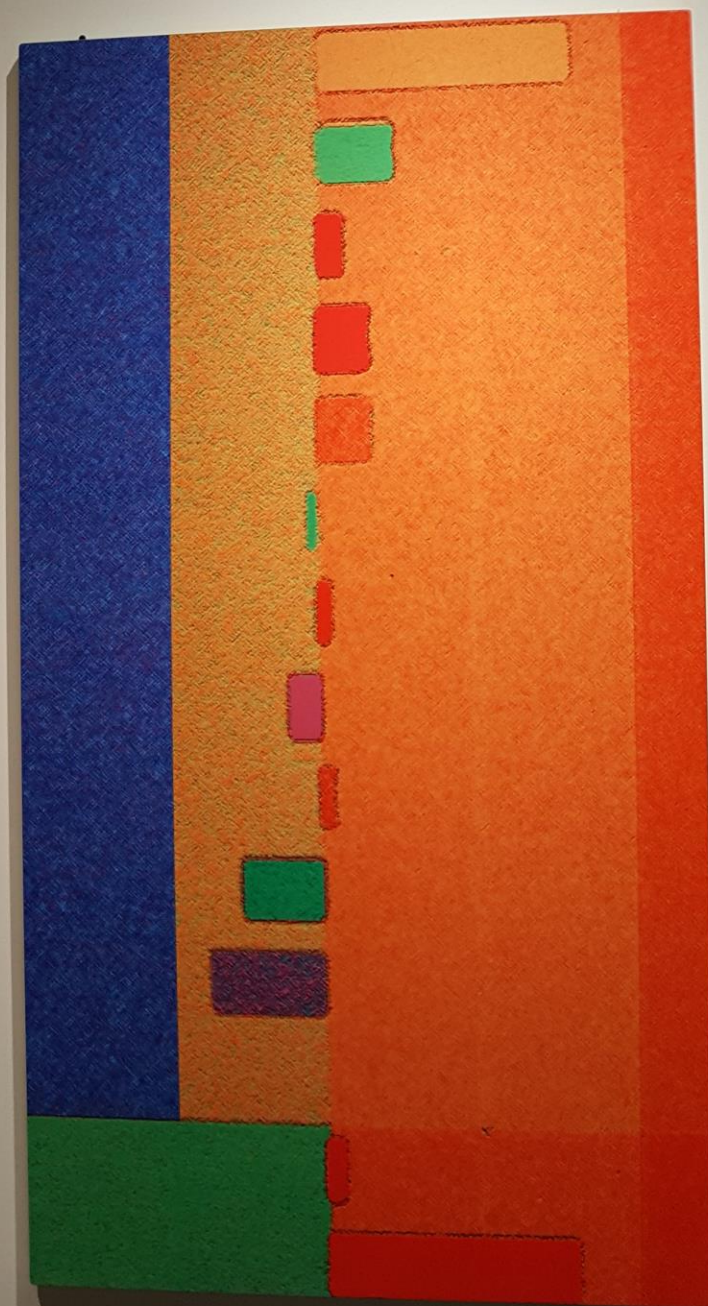
This rise in temperature is **linked** to a rise in atmospheric **CO₂**.

La température moyenne de la Terre est **plus élevée** qu'en 1880.

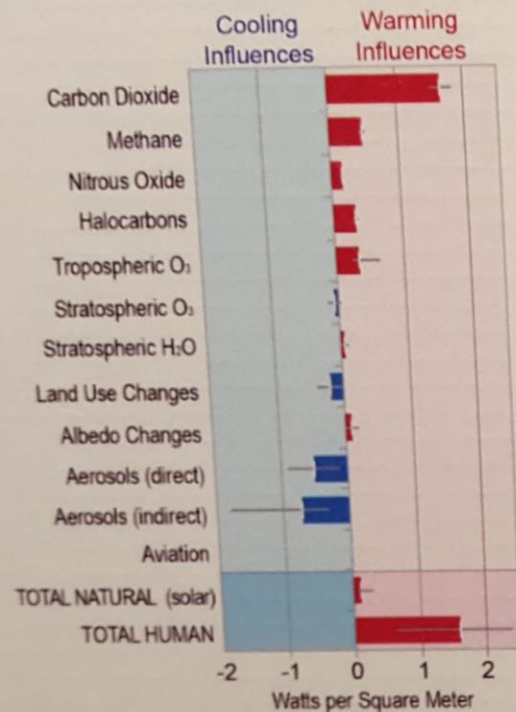
Cette hausse est **reliée** à la hausse du **CO₂** atmosphérique.



Global Temperature and Carbon Dioxide



Relative Strengths of Warming and Cooling Influences



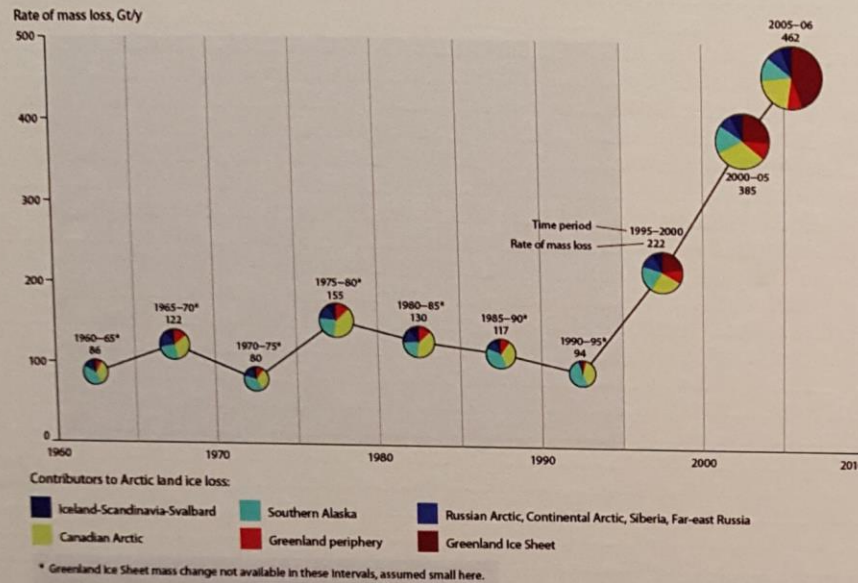
Natural and human factors
cool and **warm** the **Earth**.

The end result is a warming Earth,
largely **due** to **human** actions.

Des facteurs naturels et humains
refroidissent ou **réchauffent** la **Terre**.

Au final, la Terre se réchauffe,
surtout à **cause** des actions **humaines**.



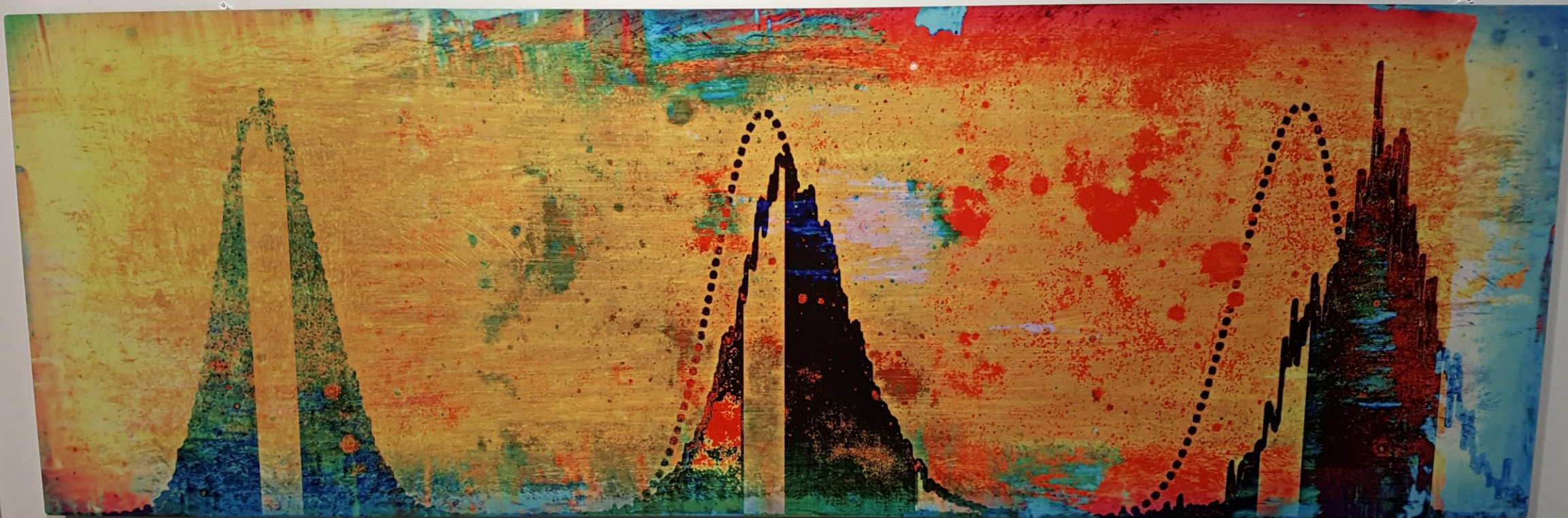


Melting of Arctic glaciers, **ice** caps and the Greenland Ice Sheet has greatly increased.

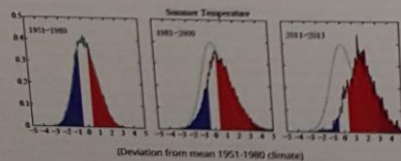
This addition of fresh water into the **oceans** is contributing to **rising** sea levels.

La nappe glaciaire du Groenland, les calottes glaciaires et les **glaciers** de l'Arctique **fondent** beaucoup plus.

Ainsi, de l'eau douce se déverse dans les **océans** et contribue à la **montée** du niveau de la mer.



More Extreme Heat Days



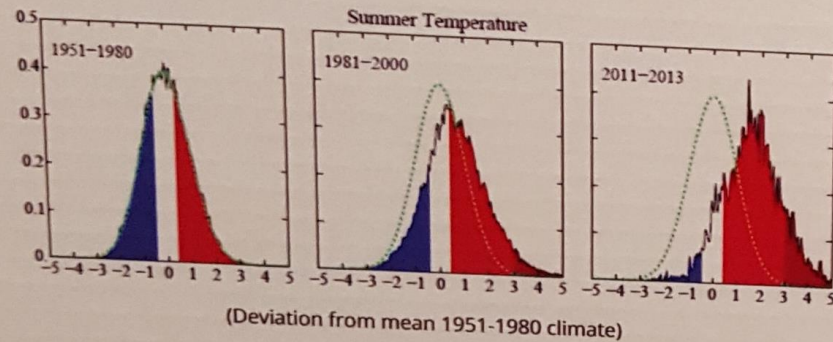
Mean **summer** temperatures have **shifted** to a much warmer range in the last 30 years.

There is also an increasing trend towards **extremely hot** summer days.

L'été, les températures moyennes passent à une **échelle bien plus chaude** depuis 30 ans.

Les jours de **canicule** ont aussi

More Extreme Heat Days

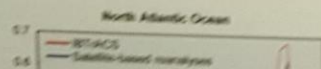


Mean **summer** temperatures have **shifted** to a much warmer range in the last 30 years.

There is also an increasing trend towards **extremely hot** summer days.

L'été, les températures moyennes passent à une **échelle bien plus chaude** depuis 30 ans.

Les jours de **canicule** ont aussi tendance à augmenter.

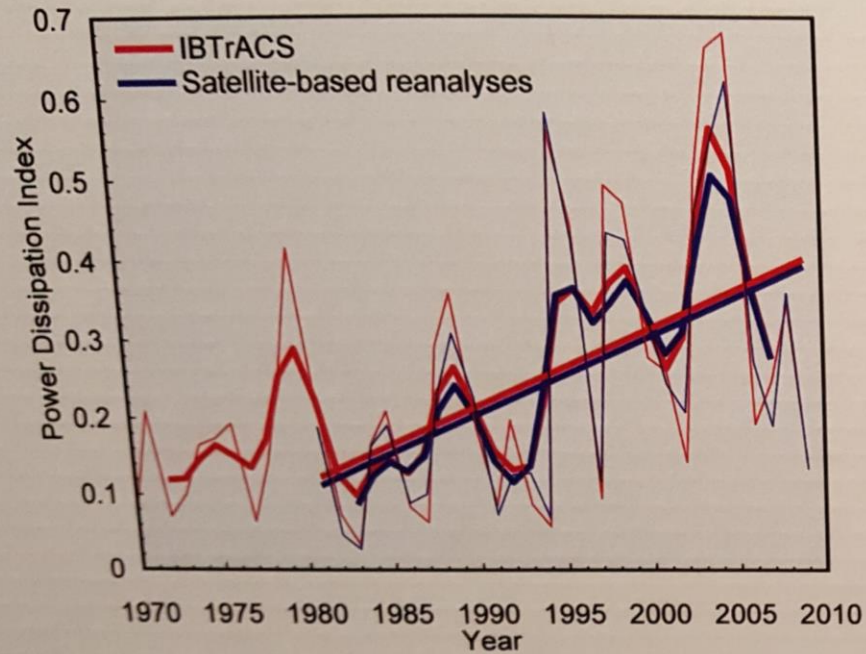


Hurricane power is a combination of
intensity, frequency, and duration

Artist / Artiste
Alisa Singer

ASE OF FI
DISCOVERY OF FI
does immediately
don't
of the nearest fire
start
code
building
to fire services
ELEVATOR OF ESCAL
FARING FIRE ALAR
CAUTION
AIN CALM

North Atlantic Ocean



Hurricane power is a combination of intensity, frequency and duration.

Since the 1980s, there is a strong **upswing** in the power of major hurricanes in the **North Atlantic Ocean**.

L'énergie des ouragans, c'est leur intensité, leur fréquence et leur durée prises ensemble.

Depuis les années 80, l'énergie des grands ouragans suit une forte tendance à **la hausse** dans **l'océan Atlantique Nord**.