

# CLIMATE CHANGE ON THE ROAD THROUGH PARIS: A FOCUS ON BIODIVERSITY

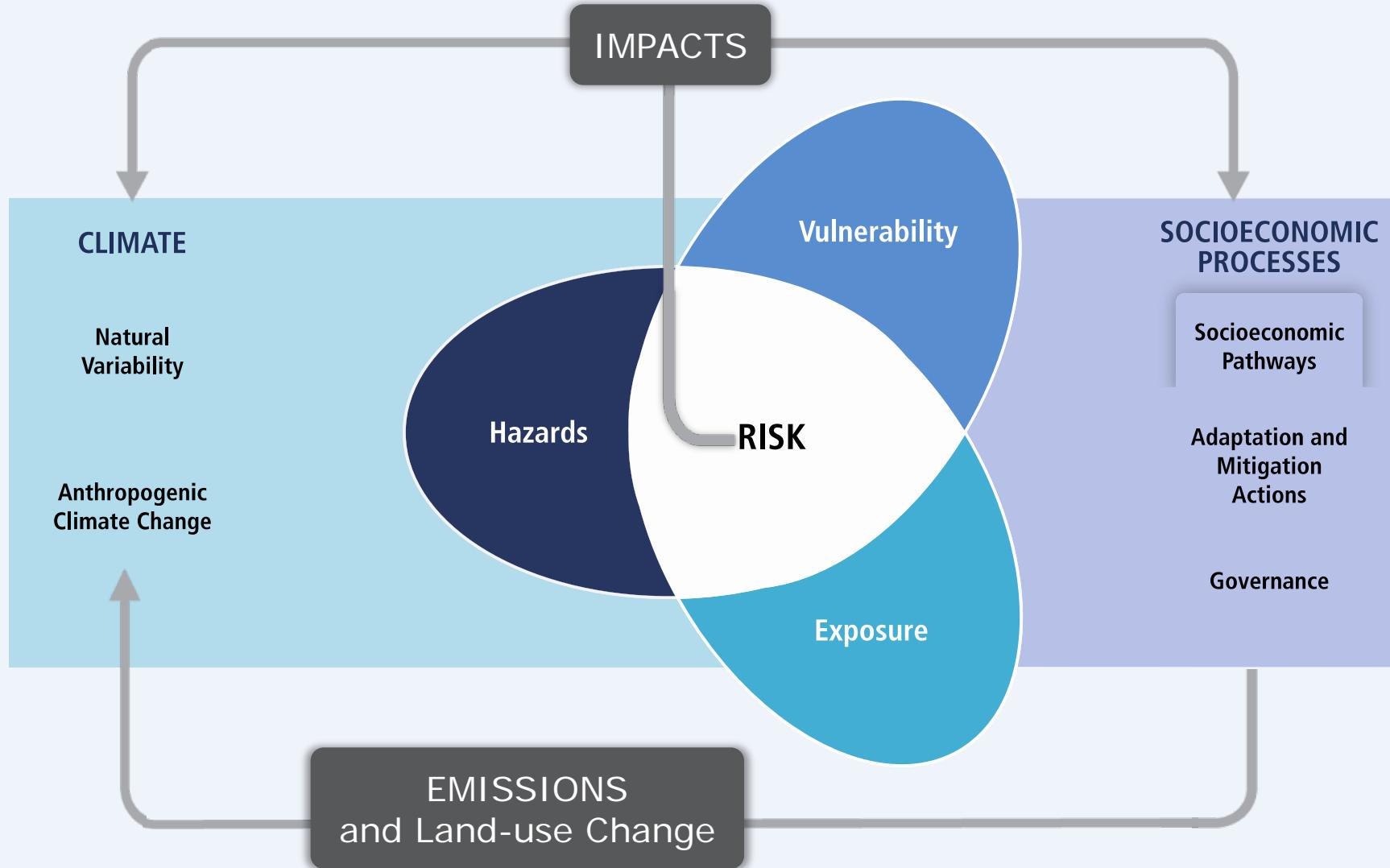


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# CLIMATE CHANGE

UNDERSTANDING,  
MANAGING, &  
REDUCING RISKS





A photograph of an underwater coral reef. Sunlight filters down from the surface in bright rays, illuminating the sandy bottom and the various corals and marine life. The water is slightly hazy.

OBSERVED IMPACTS  
OF CLIMATE CHANGE  

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ARE WIDESPREAD  

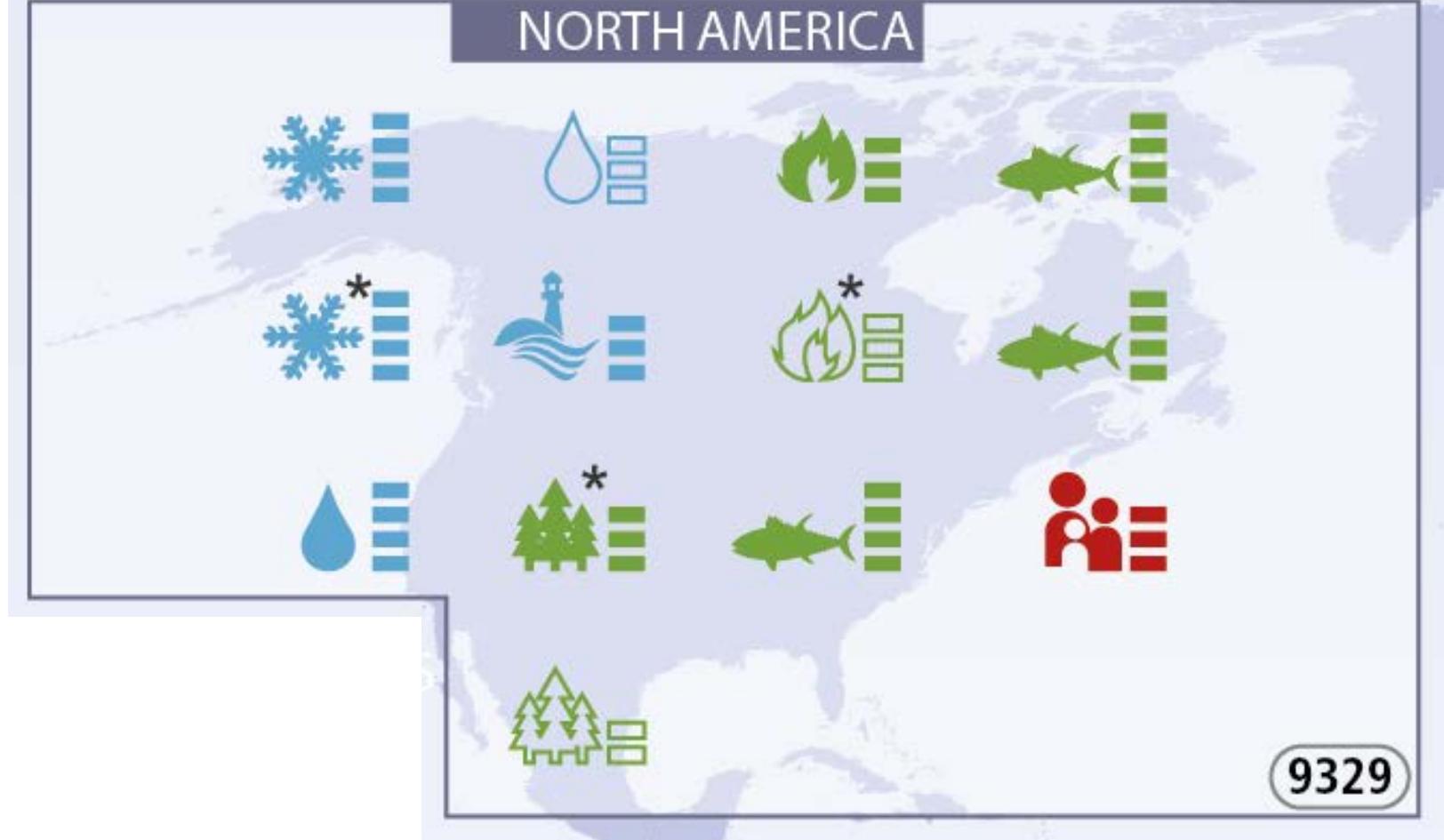
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AND CONSEQUENTIAL

ipcc

INTERGOVERNMENTAL PANEL ON climate change

# NORTH AMERICA



Confidence in attribution  
to climate change

very low   low   med   high   very high

██████ indicates  
confidence range

## Physical systems

Glaciers, snow, ice and/or permafrost
Rivers, lakes, floods and/or drought
Coastal erosion and/or sea level effects

## Observed impacts attributed to climate change for

### Biological systems

Terrestrial ecosystems
Wildfire
Marine ecosystems

### Human and managed systems

Food production
Livelihoods, health and/or economics

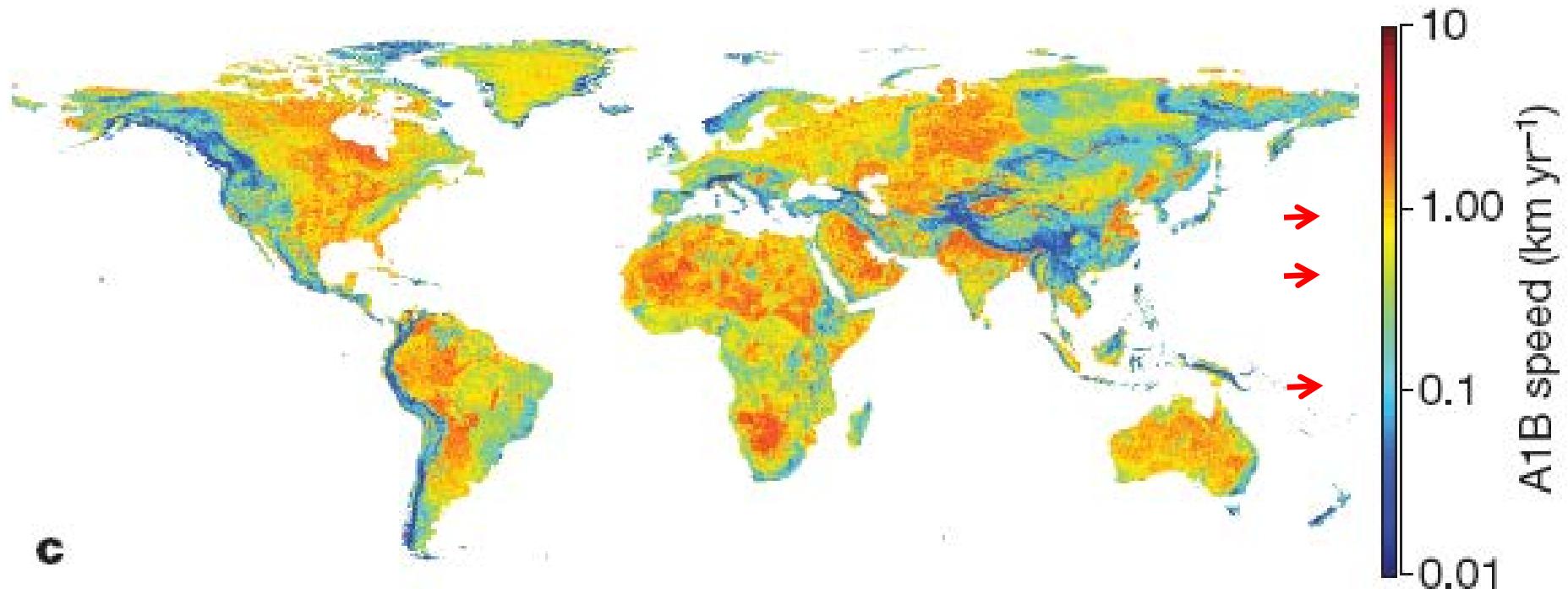
A photograph of a massive forest fire. A small, multi-colored plane is visible in the upper left, dropping water onto the flames. The sky is filled with thick, billowing smoke. In the foreground, there are some buildings and trees. The text is overlaid on the left side of the image.

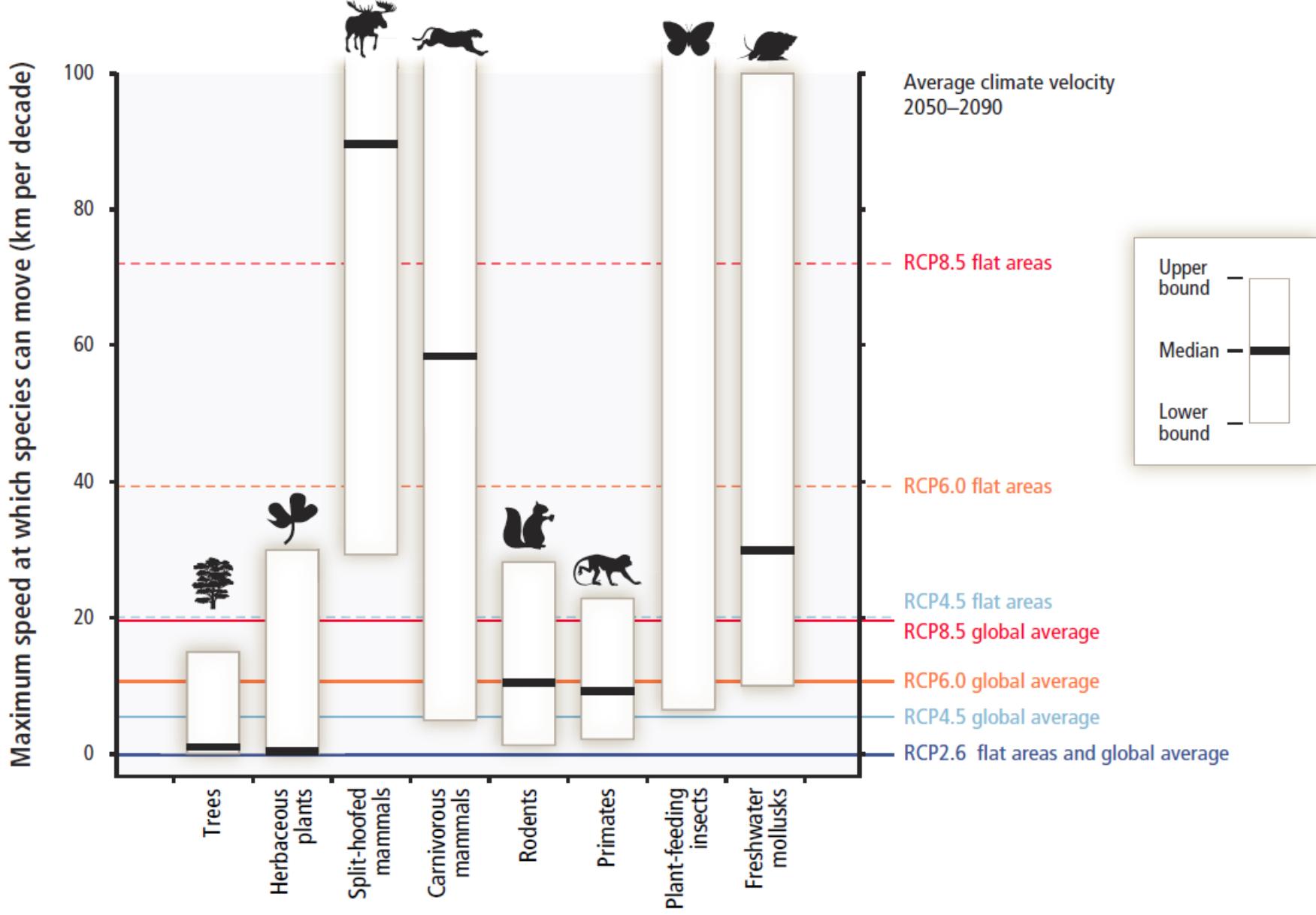
**INCREASING MAGNITUDES  
OF WARMING INCREASE  
THE LIKELIHOOD OF**

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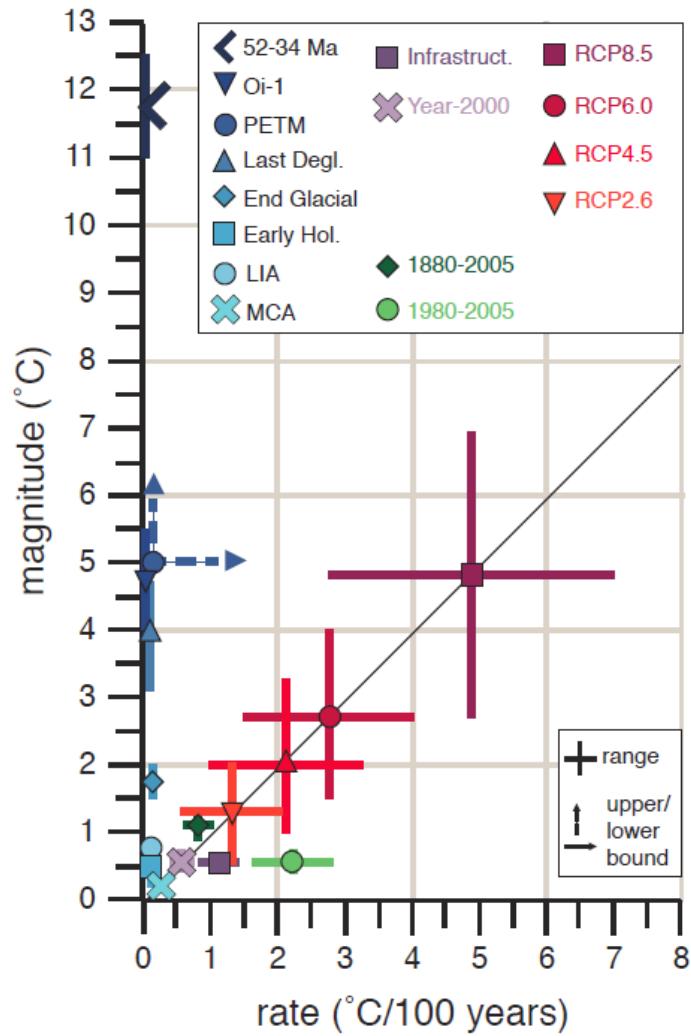
**SEVERE AND  
PERVASIVE IMPACTS**

$$(\text{}/\text{yr})/(\text{}/\text{km}) = (\text{km}/\text{yr})$$





# The velocity of climate change.



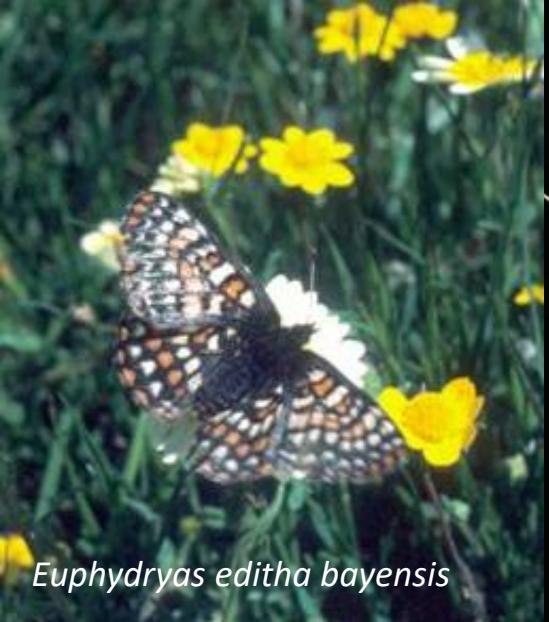




Photo: Wikimedia commons

