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The climate and disaster policy landscape

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26 November 2018



Nous trouverons toujours un moyen de vous secourir.
Mais nous préférons éviter que cela n'arrive.

Avec le changement climatique, les catastrophes naturelles seront
de plus en plus nombreuses. Tout comme les personnes à secourir.
Il est encore temps de changer les choses.



A busy policy year ahead

- UNFCCC COP (December 2018)
- **Global Platform DRR** (May 2019)
- HLPF (July 2019)
- **UN Climate Summit** (September 2019)
+ **Global Commission on Adaptation**
- UNFCCC COP (November 2019)
- **Red Cross International Conference** (December 2019)

... but how do they connect?

*....and how do **we** connect?*



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Hurricane Harvey (2017) (US\$ 125 billion)

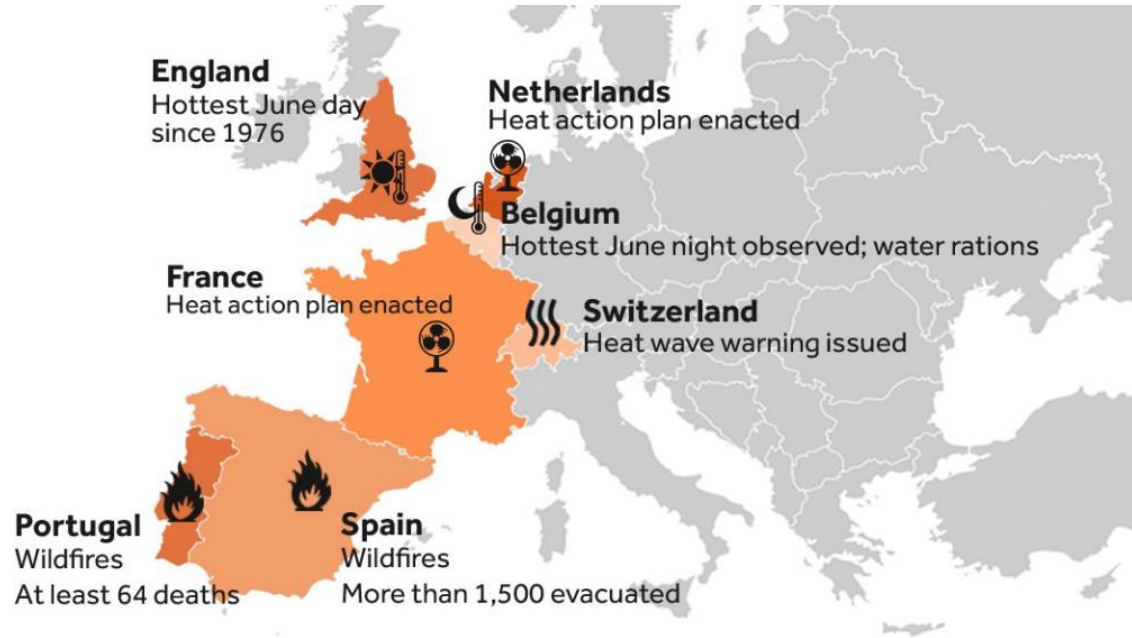


Flooding in Houston, Texas

3 times more likely due to climate change



Heat in Western Europe (2017)



Forest fires related to heat in Portugal

2 to 10 times more likely due to climate change



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Typhoon Haiyan (Philippines, 2013)



6000 casualties, 93% by storm surge
– what to prepare for?



ipcc

INTERGOVERNMENTAL PANEL ON climate change

Global Warming of 1.5°C

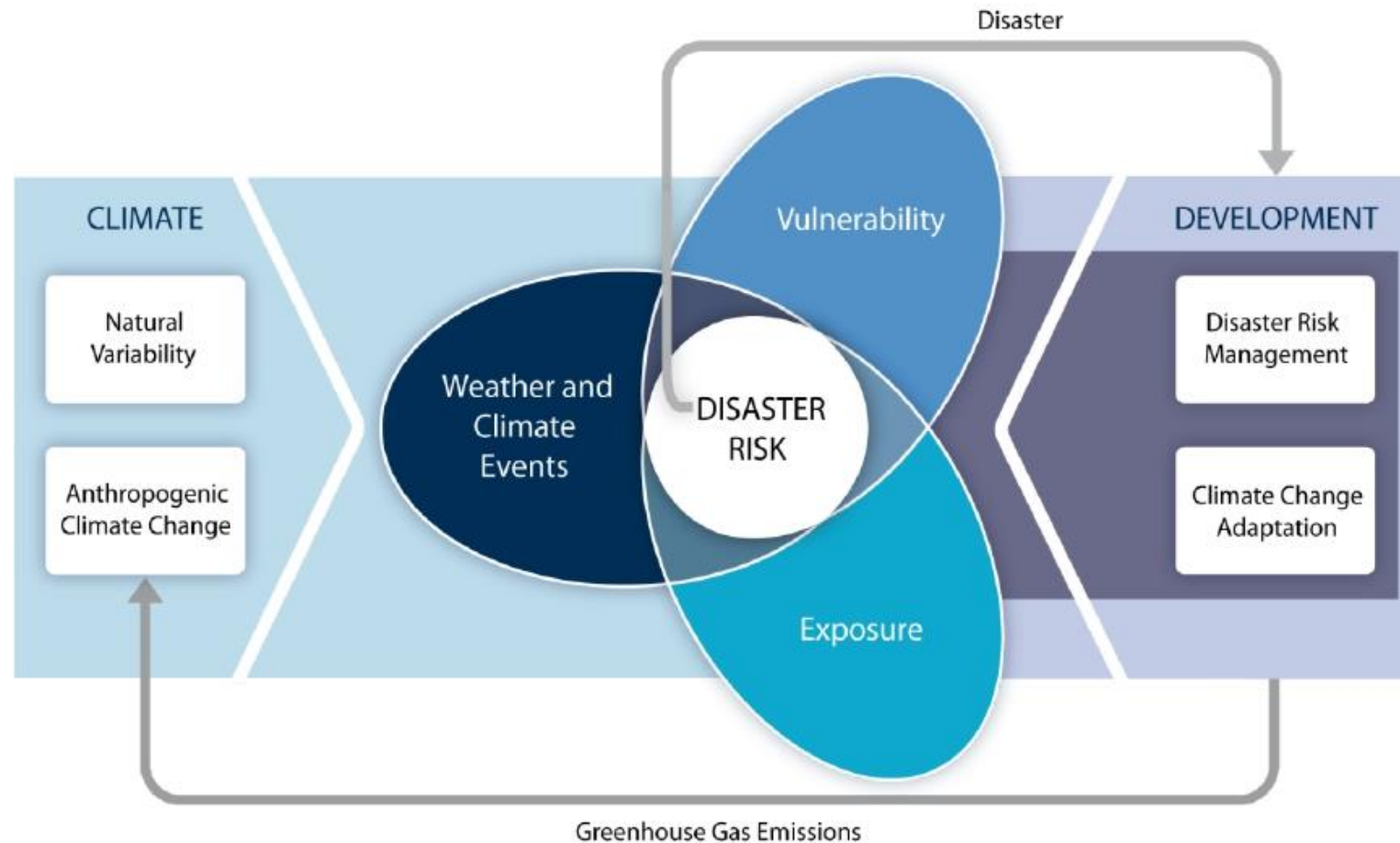
An IPCC special report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty



WG I WG II WG III



Increasing vulnerability, exposure, or severity and frequency of climate events increases **disaster risk**

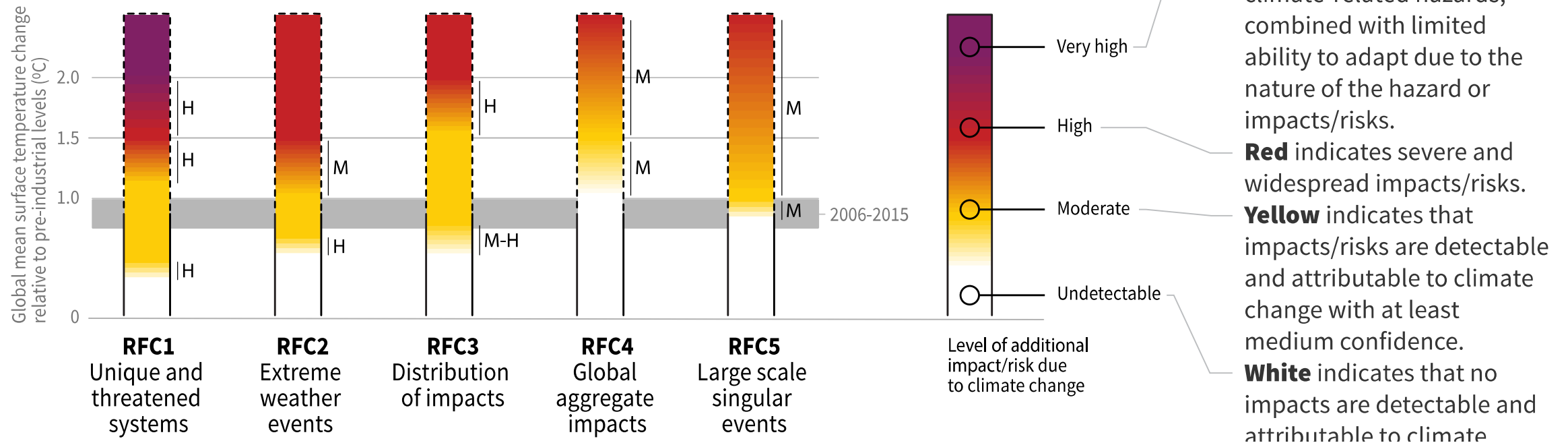


*Disaster risk management and climate change adaptation can influence the degree to which **extreme events translate into impacts** and **disasters***

How the level of global warming affects impacts and/or risks associated with the Reasons for Concern (RFCs) and selected natural, managed and human systems

Five Reasons For Concern (RFCs) illustrate the impacts and risks of different levels of global warming for people, economies and ecosystems across sectors and regions.

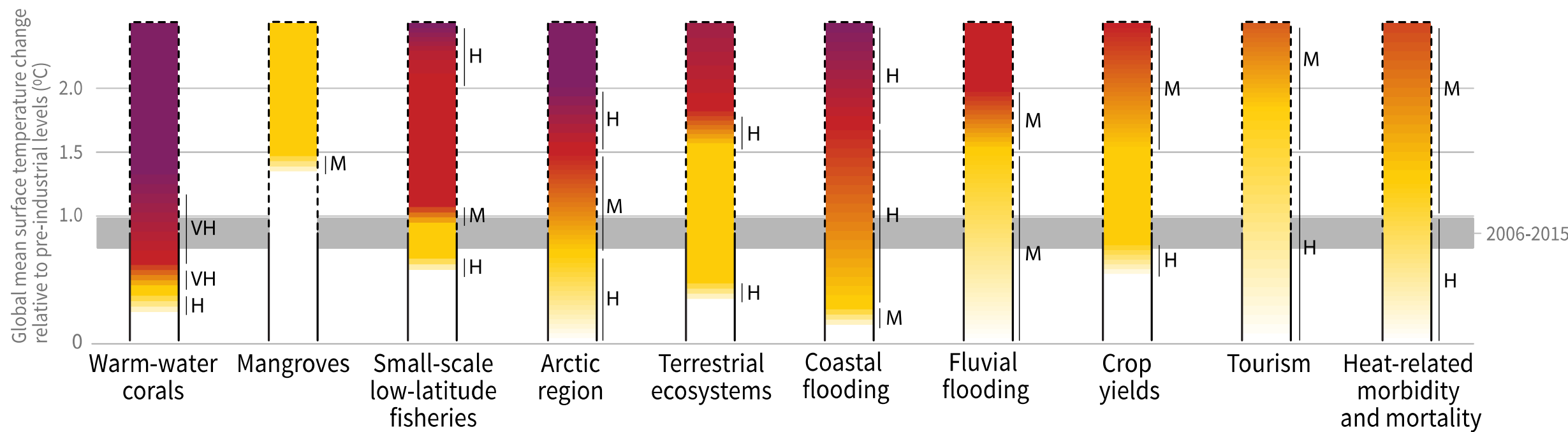
Impacts and risks associated with the Reasons for Concern (RFCs)



Confidence level for transition: L=Low, M=Medium, H=High and VH=Very high

How the level of global warming affects impacts and/or risks associated with the Reasons for Concern (RFCs) and selected natural, managed and human systems

Impacts and risks for selected natural, managed and human systems



Confidence level for transition: L=Low, M=Medium, H=High and VH=Very high

Conclusion: Little time, and many left behind

RAISE AMBITION NOW!

- Balance **adaptation and mitigation**
- Balance **near-term and longer-term** risk management
- Critical to **focus specifically on the most vulnerable groups**
(including in conflict settings)

Indicative linkages between mitigation options and sustainable development using SDGs (The linkages do not show costs and benefits)

Mitigation options deployed in each sector can be associated with potential positive effects (synergies) or negative effects (trade-offs) with the Sustainable Development Goals (SDGs). The degree to which this potential is realized will depend on the selected portfolio of mitigation options, mitigation policy design, and local circumstances and context. Particularly in the energy-demand sector, the potential for synergies is larger than for trade-offs. The bars group individually assessed options by level of confidence and take into account the relative strength of the assessed mitigation-SDG connections.

Length shows strength of connection

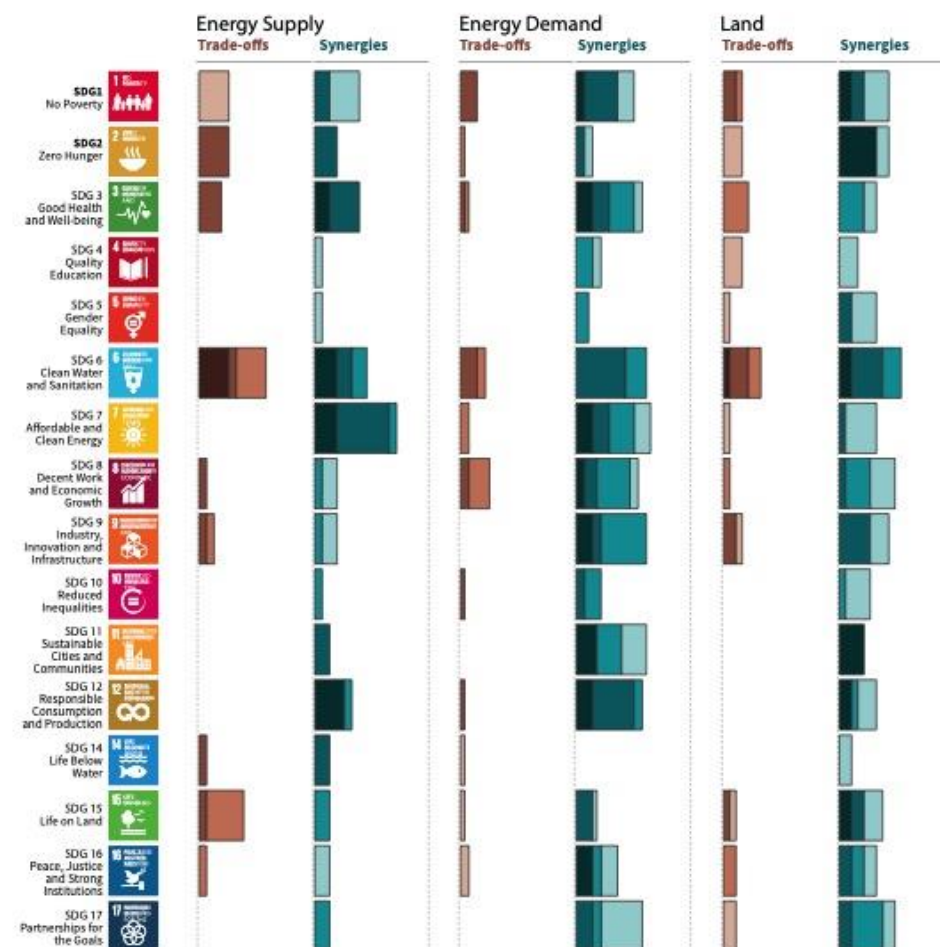


The overall size of the coloured bars depict the relative potential for synergies and trade-offs between the sectoral mitigation options and the SDGs.

Shades show level of confidence

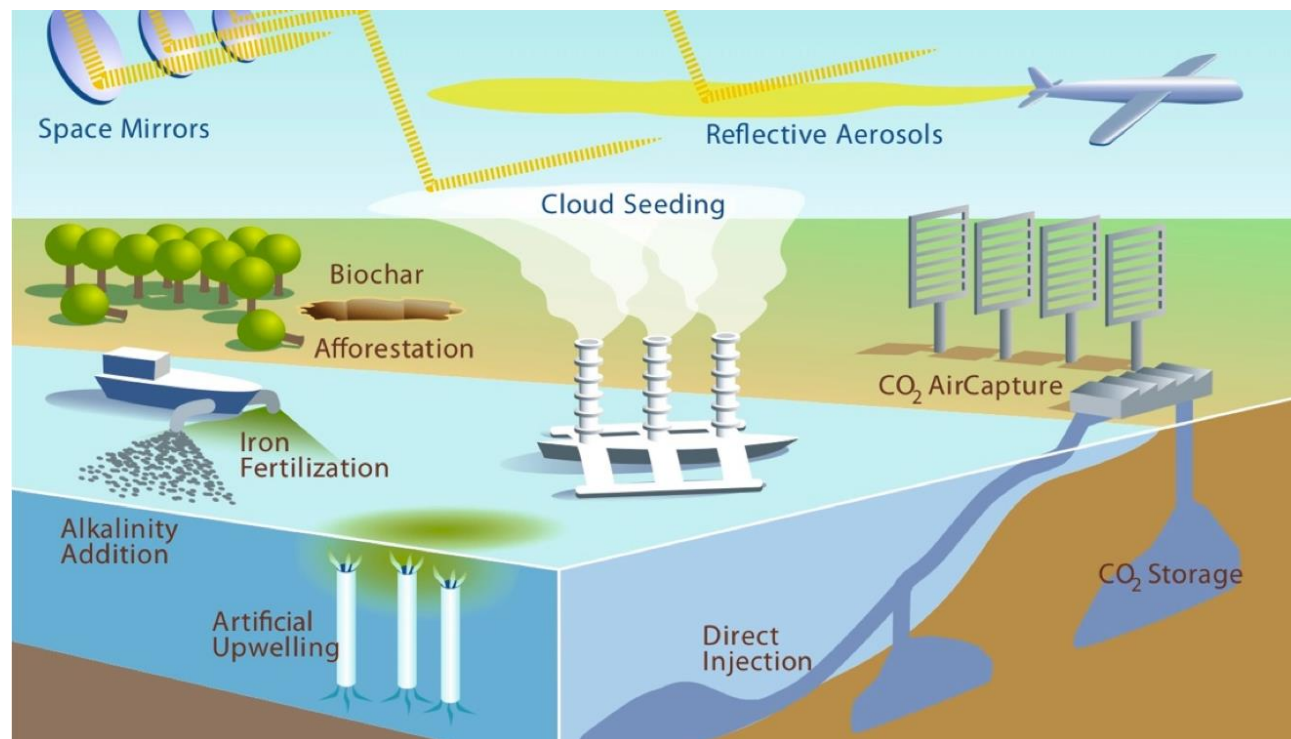


The shades depict the level of confidence of the assessed potential for Trade-offs/Synergies.





Geo-engineering?



CNN Health » Food | Fitness | Wellness | Parenting | Live Longer International Edition +

Dimming the sun: The answer to global warming?

By Matthew Robinson, CNN
Updated 2100 GMT (0500 HKT) November 23, 2018

News & buzz

- WH communications chief got \$15M payout from Fox
- The Saudi entrepreneur bringing camel milk to America

Undeniable climate change facts 01:43

This concrete can trap CO2 emissions 06:00

Growing old together on a sinking island 04:49

The race to save the Great Barrier Reef 03:42

If coral reefs disappear, they 06:08

Screenshot



THE
FUT
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IS
NOW

Climate change is exacerbating world conflicts, says Red Cross president

'It's obvious some of the violence we are observing ... is directly linked to climate change,' says Peter Maurer





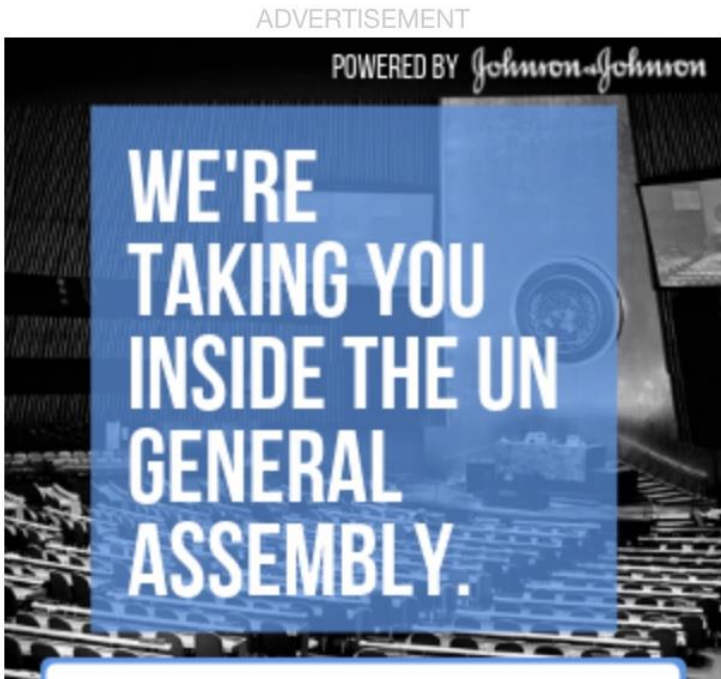
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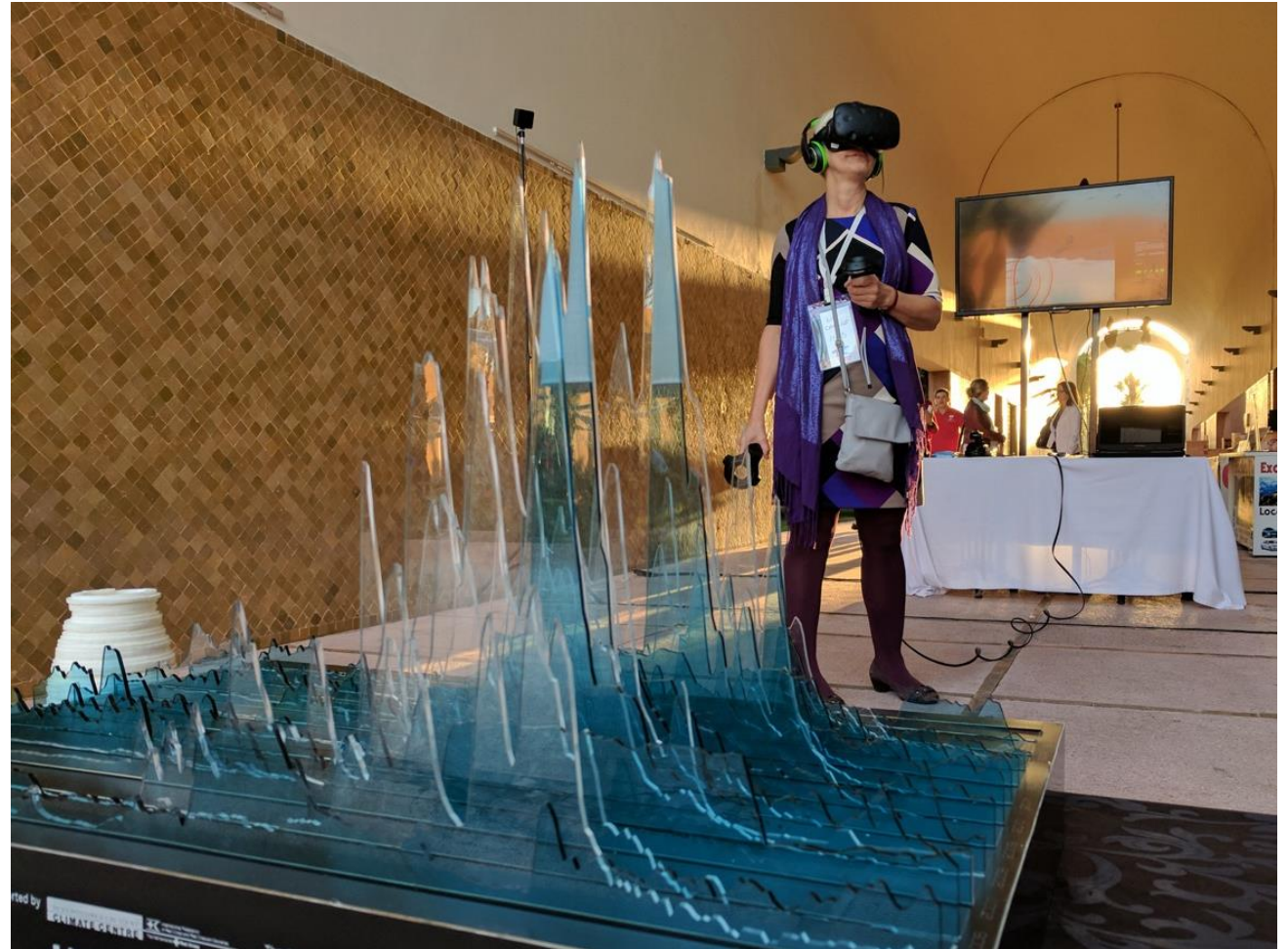
INSIDE DEVELOPMENT | INNOVATIVE FINANCING

Could we deliver aid before a disaster strikes?

By *Burton Bollag* // 01 August 2018



Critical success factors: ownership and communication



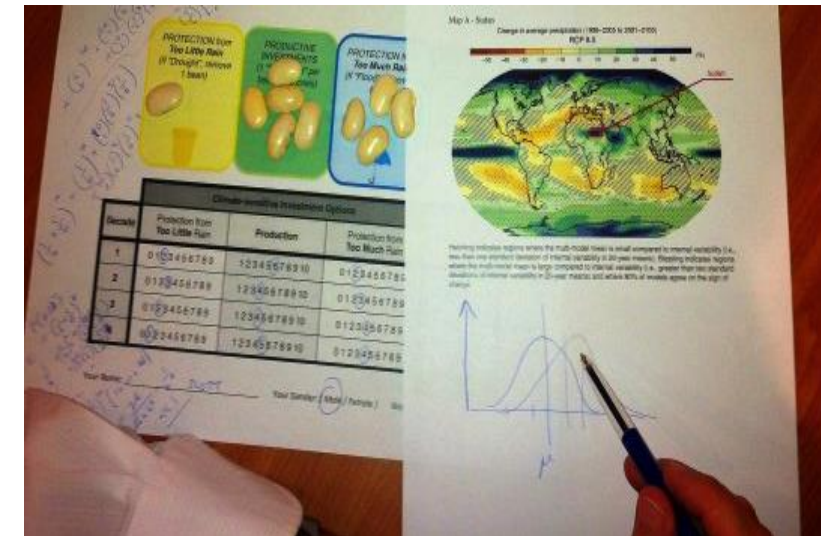
Serious Games about rising risks



from local villages ...



... to the White House



... and with Lead Authors of the Intergovernmental Panel on Climate Change (IPCC)



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