

Keeping it real: UN climate talks struggle to stay relevant

November 18 2017, by Marlowe Hood



In addition to being out of sync with the urgency of the crisis, the UN climate negotiations are also falling behind the response of cities, sub-national regions and especially businesses

There was a telling moment at the 23rd edition of UN climate talks that underscored both the life-and-death stakes in the fight against global warming, and how hard it is for this belaboured forum to rise to the challenge.

Twelve-year-old Timoci Naulusala from Fiji, a nation disappearing under rising seas, was delivering a testimonial to ministers and heads of state with crisp English and irresistible charm.

Suddenly, describing the devastation wrought by Cyclone Winston last year, his words became measured, his voice hushed.

"My home, my school -- my source of food, water, money -- was totally destroyed," he said.

"My life was in chaos. I asked myself: Why is this happening? What am I going to do?"

The answer to Timoci's first question has become frightening clear: [climate](#) change.

With only a single degree Celsius of global warming so far, the planet has already seen a crescendo of deadly droughts, heatwaves, and superstorms engorged by rising seas.

"Climate change is here. It is dangerous. And it is about to get much worse," said Johan Rockstroem, executive director of the Stockholm Resilience Centre, a climate change research centre.

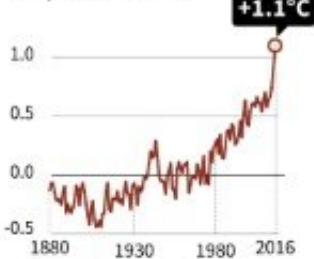
The 196-nation Paris Agreement, adopted in 2015, enjoins the world to cap the rise in temperature at "well below" 2 degrees Celsius (3.6 degrees Fahrenheit), a goal barely within reach that still may not save Fiji and dozens of small island states.

Signs of climate change



Temperature

Aim: limit the rise in global temperature to 2°C



Difference in annual temperature and the 20th-century average

Melting ice caps

Arctic: **13.2% decline** in ice cover per decade

Antarctic: Ice cover in 2016 was among the lowest ever recorded

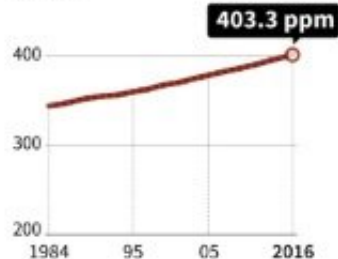


© AFP



CO₂

Record concentration in 2016



Average concentration of CO₂ in the atmosphere

Extreme weather events

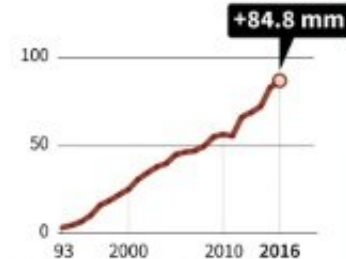
Have doubled since 1990

Linked to climate change, according to the WMO



Sea level rise

Rising at 3.3 mm per year



Variation compared to 1993, in mm

Threatened species

1,688 of the 8,688 listed as threatened are already affected by climate change



Sources: NOAA, WMO, IUCN

'Climate change is here. It is dangerous. And it is about to get much worse,' said Johan Rockstrom, executive director of the Stockholm Resilience Centre, a climate change research centre

Bangladesh and other countries with highly-populated delta regions are also at high risk.

But Timoci's second question remains open: What is he, and by extension the world, going to do?

'Should' or 'Shall'

At first, the answer—laid out in the 1992 UN Convention on Climate Change—seemed straight-forward: humans must stop loading the atmosphere with the greenhouse gases that drive global warming.

The successful repair of the ozone hole suggested a way forward: an international treaty.

But it took a quarter of a century to get one, in 2015, and even then it is woefully inadequate: voluntary national pledges to curb carbon pollution would still allow the global thermometer to go up 3 C, a recipe for human misery on a vast scale.

Since Paris, the UN climate talks—known to participants as "COPs", or Conferences of the Parties—have focused on working out an operational handbook for the treaty, which goes into effect in 2020.



Twelve-year-old Timoci Naulusala from Fiji, a nation disappearing under rising seas, delivered a testimonial to ministers and heads of state

But as the years tick by, the byzantine bureaucracy—where hundreds of diplomats can argue for days over whether a text will say "should" or "shall"—has struggled to keep pace with both the problem, and what some negotiators call "the real world".

"What is at stake here is the relevance of the COP process," said Nicaragua's chief negotiator Paul Oquist, lamenting a point of blockage and the generally slow pace.

"We cannot risk becoming more and more irrelevant with each meeting."

The UN climate process risks falling out of step in two key ways, experts suggest.

One is in relation to the unforgiving conclusions of science, which show that the window of opportunity for avoiding climate cataclysm is rapidly narrowing to a slit.

This year's climate talks kicked off with negotiators learning that CO₂ emissions—after remaining stable for three years, raising hopes that they had peaked—will rise by two percent in 2017, a development one scientist called "a giant step backwards for humankind".

Negotiations were also reeling from US President Donald Trump's decision to pull out from the Paris Agreement. America sent envoys to the meetings but White House officials and energy company executives hosted a pro-fossil fuel event on the conference margins.



Cyclone Winston wreaked devastation in Fiji when it battered the low-lying Pacific island nation in 2016

Meanwhile, scientists warned of invisible temperature thresholds—"tipping points"—beyond which ice sheets would irretrievably shed enough water to raise global oceans by metres.

"The only question is how fast," James Hansen, head of NASA's Goddard Institute for Space Studies until 2013, told AFP.

'Little adrenaline'

The UN's 12-day negotiations came to an end Saturday with an agreement to hold a stocktake in 2018 of national efforts to cut fossil fuel emissions.

But the talks are falling behind the response of cities, sub-national regions and especially businesses, which have leaped headlong into the transition from a dirty to a clean global economy.

"For the first time in the history of the COPs, the heart of the action was not in the negotiating arena but in the 'green' zone" showcasing innovations in sustainable development, said David Levai, head of the climate program at the Institute for Sustainable Development and International Relations in Paris.

Some 7,500 cities and local governments have set carbon cutting targets, and hundreds of global companies are retooling for a low-carbon world.



White House officials and energy company executives hosted a pro-fossil fuel event on the conference margins

A veteran EU climate diplomat, meanwhile, bemoaned the lack of dynamism in the negotiating arena. "I've never seen a COP with so little adrenaline," he told AFP.

Mads Randboll Wolff, a Danish expert in bioeconomics—a field that didn't even exist a decade ago—recalled the bitter disappointment of the failed Copenhagen climate summit in 2009.

"The entire world was looking up to the podium, waiting for world leaders to strike the deal that would save us," he said.

"One of the lessons from Copenhagen is that the negotiations are not enough," he added. "We need them. But we also need civil society—people, citizens—to take action."

© 2017 AFP

Citation: Keeping it real: UN climate talks struggle to stay relevant (2017, November 18)
retrieved 26 April 2024 from <https://phys.org/news/2017-11-real-climate-struggle-relevant.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--