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Climate targets are becoming outdated: India needs its own

The target in the Paris Agreement, to keep the planet's surface from warming by 2 degrees Celsius by 2100, has been touted as a monumental goal. However, despite negotiations for more than two decades, global carbon emissions have not slowed. Also, the target was not derived scientifically

he 1.5 degrees Celsius warming target has received considerable press along with the El Niño this year. Reports claim that the planet could soon cross this temperature threshold due to this natural climate phenomenon.

But even if the world's average surface temperature warms by more than 1.5 degrees Celsius for a year, nothing dramatically different may happen - other than the beatwaves, floods, droughts, and similar events that are already happening. The bigger question is: where is all the end-of-the-world messaging coming from? Humankind might do well with less lipyerbole about the climate crisis. It is a serious challenge today, yes, but a constant drumbeat of alarmist messages may only exacerbate climate anxiety and

may only exacerbate climate anxiety and leave people feeling helpless - especially the young ones, who should be dreaming about saving the planet (or space travel) instead.

A questionable target
The target agreed to in the Paris
Agreement, to keep the planet's surface
from warming by 2 degrees Celsius by the
end of this century, has been touted as a
monumental achievement, and it may well be if we actually manage to achieve this goal by 2100. But we must bear two

things in mind.

First, despite negotiations among the representatives of the world's countries for more than two decades, global carbon emissions have shown no signs of slowing

down.
Second, the 2 degrees Celsius target
was not derived scientifically. The
economics Nobel laurente William Nordhaus cautiously noted in the 1970s

Nordhaus cautiously noted in the 1970's that a warming of 2 degrees Celsius above the pre-industrial level could render the planet warmer than it has ever been in several hundred-thousand years. He followed this claim up with a model of the socioeconomic impacts of crossing this threshold. Some European politicians found this round number to be appealing as something to aim for in the 1990's, followed by climate scientists retrofitting their projected climate impacts to this warming level.

Indeed, no sooner was this figure

warming level.
Indeed, no sooner was this figure
enshrined in the Paris Agreement than
the Alliance of Small Island States
demanded that it be lowered to 1.5

definances that is a server of the degrees Celsius.

Once again, the climate community, now together with the socioeconomic-modelling community, retrofitted future scenarios to meet this so-called "aspirational" target.



Bringing science to serve society is a very noble goal, particularly when government officials demand scientific inputs for their decision-making. But many governments' planned reliance on bioenergy and carbon-capture technologies to accomplish these goals do not consider the potential consequences of climate chanse on food and water of climate change on food and water security, for example - let alone the possibility that such promises have a long way to go before becoming viable.

Earth system models
It is also not entirely clear whether the
earth system models (ESMs) that
scientists use to prepare climate
projections can reliably reproduce the
consequences of a world that has warmed
by 2 degrees Celsius but at the scale of the
Indian subcontinent.
As of foods they creating cannot do so

projections will be dominated by ESM deficiencies for the next decade or two. For the decades beyond two, the assumed scenarios for radiative forcing, resulting from greenhouse gas emissions and socioeconomic choices, determine the warming levels and rates.

Uncertainties for India

This brings us to the next point: the impacts of the COVID-19 pandemic a

A constant drumbeat of alarmist messages may only exacerbate climate anxiety and leave people feeling helpless

Russia's invasion of Ularaine have made it abundantly clear that it is very difficult for us to imagine all the possible socioeconomic and geopolitical events that matter to the well-being of our world, including its people. Even population projections may not hold considering China's population is currently peaking and India is or notate. The physicist Niels Bohr once said that prediction is very difficult, essencially if it

The physicist Niels Bohr once said that prediction is very difficult, especially if is about the future.

The best-case scenario, against this quote, is that climate projections cover all eventualities as well as all technological promises pan out, dragging the world's emission rates down considerably by 2030, giving us a reasonable chance of staying below the 2-degree mark by 2100. The inherent uncertainties, however, leave India, and the economically developing world, with some tough choices.

THE GIST

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scientists know carries an unreas risk of droughts and crop losses).

More importantly, India should continue its leadership role by demanding that the community centred on the U.N. Intergovernmental Panel on Gimate Change (IPCC) be prepared to improve projections that quantify impacts at local scales.

on any rankensent s-monster experiments by richer countries, such as spraying dust in the upper atmosphere (a climate geoengineering solution that scientists know carries an unreasonable

climate change and its consequences continuously at the socially relevant timescale of a fine year. The IPCC and India must also track

continuously at the socially relevant timescale of a few years.

There is a real threat here of India 'agreeing' to colonise the future with imperfect models and unrealistic scenarios - especially when the puls to certain outcomes are based on technical and economic feasibilities and dubious concepts like 'megative emission technologies'.

The country must consider non-mark goods such as equity, well-being, and biodiversity more deliberately.

As things stand today, reducing emissions as a paradiem for tackling

leave India, and the economically developing world, with some tough choices.

This group of countries needs to develop its own tools to determine the crisis's local impacts, especially for adaptation plans that deal with unavoidable consequences. India's engagement with the international community on climate mitigation, to try and avoid the unmanageable, should also keep an eye

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Final G-20 disaster risk meeting starts today

The Hindu Bureau

CHENNAI

The G20 Disaster Risk Reduction Working Group, under the Indian presidency, is set to hold its third and final meeting in Chennai from July 24 to 26.

This is the first time a dedicated working group on Disaster Risk Reduction (DRR) has been constituted, signifying India's commitment to addressing global challenges posed by disasters and climate emergencies, according to a press release.

Notable dignitaries include P.K. Mishra, Principal Secretary to Prime Minister, and Mami Mizutori, Special Representative of the United Nations Secretary-General.

Japanese Foreign Minister to visit India this week, discuss vision for Global South

Suhasini Haidar NEW DELHI

Japanese Foreign Minister Yoshimasa Hayashi will visit India later this week as part of a six-nation tour in Asia and Africa, where he plans to focus on Japan's cooperation with the Global South and the Indo-Pacific policy unveiled by Japanese Prime Minister Fumio Kishida during his visit in March.

Mr. Hayashi, who also travelled to Delhi earlier to attend the Quad Foreign Minister's meeting, is expected to hold meetings with Prime Minister Narendra Modi, External Affairs Minister S. Jaishankar, business, and academic delegations. He will discuss bilateral ties, as well as continue efforts to coordinate priorities of Japan's



Yoshimasa Hayashi

Presidency of the G-7 with India's Presidency of the G-20.

At a press conference in Tokyo, Mr. Hayashi said that his focus during the visit to India, Sri Lanka, the Maldives, South Africa, Uganda, and Ethiopia was on enhancing ties with "South West Asia and Africa".

In July, Mr. Hayashi host-

ed Pakistan Foreign Minister Bilawal Bhutto in Tokyo for a bilateral visit.

"Strengthening relationships with international partners, including those in the Global South, is something that Japan attaches great importance to at this year's G-7 Presidency, and this round of visits is one such initiative," Mr. Hayashi told presspersons.

'Strengthen relations'

"In addition, the Government of Japan intends to further strengthen relations with the countries of South West Asia and Africa toward the realisation of a 'free and open Indo-Pacific', and we would like to hold discussions with these countries from this perspective," he added.

In the Indo-Pacific policy address Mr. Kishida made in Delhi, he had emphasised a special focus on South Asia, including assisting Sri Lanka's debt restructuring process in a "fair and transparent" manner, as well touting Japanese cooperation with India and Bangladesh for the Bay of Bengal-Northeast India "industrial value chain concept" to foster growth in the region.

Mr. Hayashi's visit to India, Sri Lanka and the Maldives is expected to focus on development initiatives undertaken by Japan in the region. His visit to Africa will also look at projects under consideration, while his visit to South Africa, which comes a month before the BRICS summit of emerging economies there, is expected to see significant announcements.

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Downhill driving

Shrinking trade volumes pose a risk for this year's growth hopes

fter hitting a record \$775 billion in 2022-23, India's exports are off to a rocky start this year. Outbound shipments of goods, that had crossed \$450 billion last year, have contracted 15.1% through the April to June 2023 quarter. June's provisional export tally, just shy of \$33 billion, was the lowest figure in eight months and reflected a 22% drop year-on-year, a scale of contraction last seen amid the initial months of the COVID-19 lockdowns. There has been a decline in the import bill as well over the first quarter, albeit at a slower pace than exports. This 12.7% dip is largely driven by the prevalence of lower commodity prices this year compared to the same quarter last year, when the import bill had shot up 44.5% after the Russia-Ukraine conflict erupted. Excluding gold and oil imports, the value of shipments coming into the country is down 10.5% in the first quarter. Sequentially, the decline in non-oil, non-gold imports has accelerated from 2% in May to 16.7% in June, indicating that domestic demand triggers are also ebbing. While this implies the goods trade deficit may not widen as it had last year, it does not augur well for domestic growth impulses that form India's key armour against the gathering global slowdown.

Services exports are still growing but at a far more sombre pace. That IT majors, who drive most of these intangible exports, have been tentative and decidedly downcast about their earnings guidance for this year, indicates the tide may get worse. Frail global demand may not just impact trade flows but also hurt foreign direct investments even as tightening monetary policies could exacerbate financial market volatility. As the Finance Ministry noted recently, if these trends deepen, the 6.5% growth hopes for the year could wobble. But retail sales in the U.K. have improved in June, although fractionally. The U.S. Treasury Secretary Janet Yellen has exuded confidence that a recession in the world's largest economy may be averted after all. Inflation numbers have eased in Europe and the U.S., triggering hopes of interest rate pauses instead of further tightening to throttle demand and activity. While driving on the hills, one has to prioritise the movement of vehicles climbing up, even if that means reversing a descending automobile up to a point of safe passage. Within the overall downhill trend of exports, the few bright spots such as rising shipments of electronic goods must flourish while trade curbs or obstacles affecting other products must be reviewed. Indian policymakers should redouble efforts to improve competitiveness vis-à-vis rivals such as Vietnam, and keep a closer watch on divergent trends in different markets to help exporters capture incremental, even if fractional, global demand.

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