



CURRENT NEWS ON ECOLOGICAL WELLNESS AND GLOBAL HEALTH

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July 2, 2020

Hi,

Today, on the day after our national Canada Day holiday, my message is directed to our Youth. I have been observing that many of You are being used and manipulated by truth naysayers and outright frauds in this time of Covid-19. You're being called to gather together en mass, the more the better, to arenas, beaches, bars, concerts and elsewhere to celebrate, to support politicians, to have fun. But please know that this behaviour puts yourself and many others at high risk of acquiring a serious disease. Look at the spiralling daily numbers of new Covid-19 cases, and hospitals filling up from huge outbreaks recently in the USA in Florida (10,000 new cases in the last day), Texas (8000 new cases), California, Arizona, Georgia, North Carolina, etc. and in Brazil, India, Iran, Israel, Saudi Arabia, etc., etc. And how about Toronto and Montreal, sibling cities, with their large case numbers of minorities and institutionalized elders? This is real, not fiction and don't let anyone convince you otherwise. The disease is right now spreading hard, fast and furious all over the USA and in many other areas of the world.

To our Youth: Please do not follow hallow persons and their dangerous ideas, either in person, on Twitter, Facebook, Instagram, Tiktok, email or any other social media. Many of these persons mock science, mock life and promote the destruction of nature. But rather - please lead us, give us your freshness and innovation, share your high energy for good. You should be the smartest generation ever. Work with all ages. We can do better all together; really, we must do better. The current situation can't be our best. Maintain a focus on human rights. Ask for guidance. Trust only verifiable news. Question sources. Pay attention to all that's going on around you. Be motivated for the betterment of all. But most of all, don't be led to a deadly meeting.

Today, in the ***Planetary Health Weekly*** (#27 for 2020), are stories meant to lead in the right direction, for you and for all. You'll read about:

- Coronavirus Updates, including:
 - Mitigating Covid-19 effects on East African Economies (a *PHW* exclusive),
 - Corruption in Latin American Covid-19 responses,
 - Food insecurity in Canada before and during the pandemic,
 - 100 days of Canada's evidence-driven responses,
 - Supporting school-aged moms in Jamaica as schools reopen,
 - Cuba nears declaring a coronavirus victory,
 - Taiwan's resilience revealed,
 - Prestigious medical journals falter, and
 - The nexus between coronavirus and protests....then:
- Nestlé scraps partnership with Fairtrade,
- Brazil declares crop emergency as locust plague nears coming from Argentina,
- Grey whales at danger near Canada/USA border,

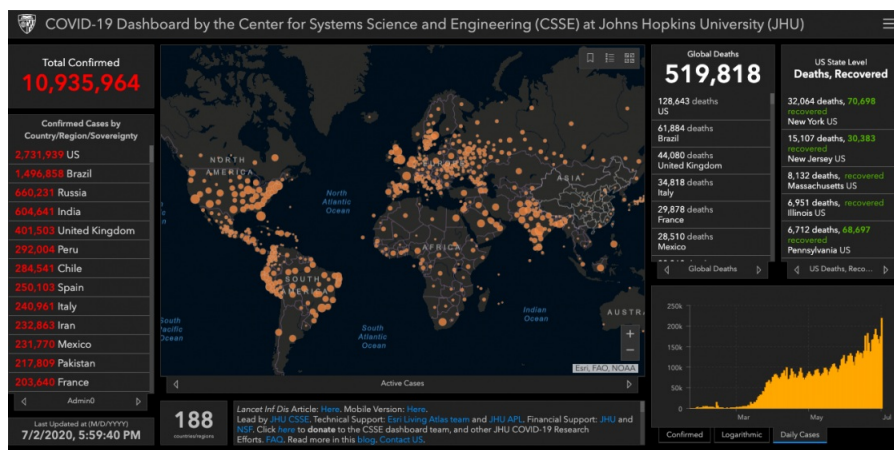
- COPASAH Global Secretariat moves to Nigeria from India,
- Making cement clean up its act,
- Bayer to pay more than \$10b to resolve cancer lawsuits over weedkiller Roundup,
- Canada invests \$100m into vegan meat plant in Winnipeg,
- Coronavirus crisis may collapse \$25tn fossil fuel industry,
- International Energy Agency floats 'green recovery' plan,
- Addressing the toxic mercury legacy in Grassy Narrows, Ontario,
- Adapting to a drier planet (a 12 part podcast series),
- Earth Hour 2020 highlights report,
- Chinese battery giant to make million mile, 16 year batteries,
- African dust storms come to North America,
- New book *Maternal Health: Global Perspectives and Issues* edited by Juan Sims,
- Students seek therapy from their professors online, and
- ENDSHOTS (Rock Hard Messages) and COVID-19 data.

Do take a look below. Best, david

David Zakus, Editor and Publisher

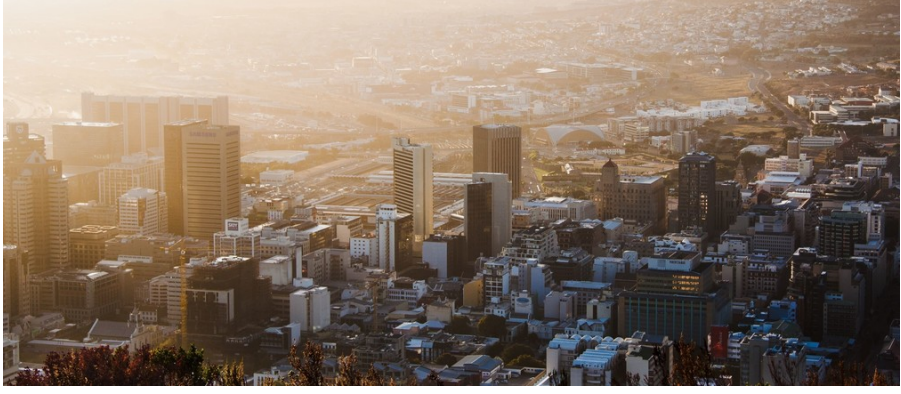


SARS-CoV-2 & COVID-19 UPDATES



Active Cases All Over The Map; 218,600 in the last day globally

MITIGATING COVID-19 EFFECTS ON EAST AFRICAN ECONOMIES (A PHW EXCLUSIVE)



The East African Community is currently facing an unparalleled magnitude and pace of twin health and economic crises that are heightening the risk of compromising development at the country and regional level. The global COVID-19 pandemic, associated with huge loss of human life and morbidity, have brought the East African. "COVID-19 In East Africa" by Atwongyeire Joseph reporting from Uganda for the PHW. Read more at [Planetary Health Weekly](#).

SEE ALSO:

At NY Times: [Latin America's Virus Villains: Corrupt Officials Collude With Price Gougers for Body Bags and Flimsy Masks](#)

At Statistics Canada: [Food Insecurity in Canada Before and During the COVID-19 Pandemic, 2017/2018 and May 2020](#)

At CanWaCH: [100 Days Of A Pandemic: Canada's Evidence-Driven Global Response](#)

At Brookings: [Supporting School-aged Moms in Jamaica As It Plans to Reopen Schools](#)

At Reuters: [Closing In On All Sides: Cuba Nears Declaring Coronavirus Victory](#)

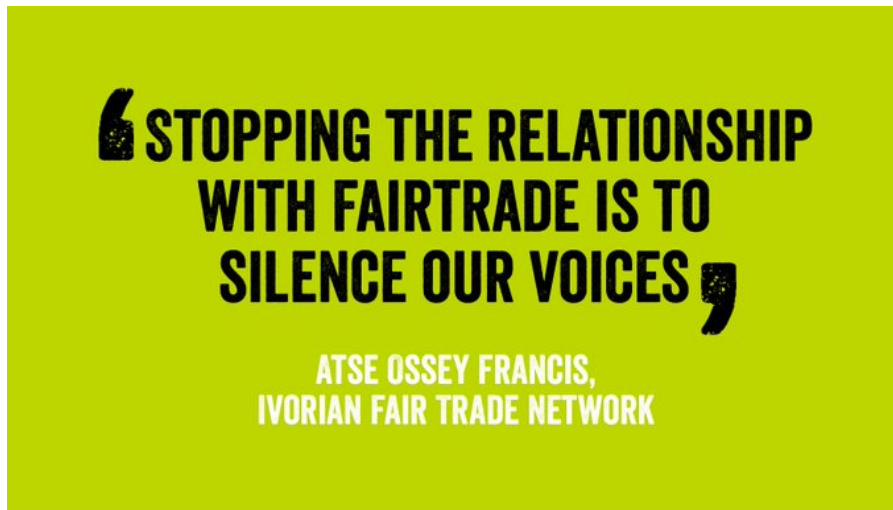
At Brookings: [The COVID-19 Crisis Has Revealed Taiwan's Resilience](#)

At Baltimore Sun: [The Pandemic Claims New Victims: Prestigious Medical Journals](#)

At Healthy Debate: [The Nexus Between Coronavirus and Protests: The Virus 'Was The Kindling, and the Police Brutality Lit the Fire.'](#)

See ENDSHOTS for more current statistical COVID-19 summaries.

KitKat (Nestlé) Scraps Partnership With Fairtrade in 'Profoundly Disappointing' Move



Credit: Fair Trade Network

Fairtrade said 27,000 small-scale producers in Malawi, Fiji and Côte d'Ivoire are set to lose out. Nestlé [announced](#) plans on Tuesday to end the partnership between its KitKat brand and the Fairtrade Foundation, a nonprofit organization that protects the livelihood of producers in developing countries. The UK arm of the multinational Swiss corporation has decided it will end its decade-long affiliation despite warnings from Fairtrade that thousands of farmers would be harmed by the move. From October, Nestlé will source the cocoa for its KitKats from farms working with the Rainforest Alliance instead — a similar charity that focuses more on biodiversity than workers' interests.

It means that [£2 million](#) will be lost in Fairtrade premiums every year, affecting 27,000 small-scale producers in Malawi, Fiji and Côte d'Ivoire. The premiums are not just about income either, but also help fund community projects like schools, public kitchens and women's empowerment programmes. Read more at [Global Citizen](#).

SEE ALSO:

At Fairtrade: [Fairtrade Producers Raise Their Voices To Ask Nestlé To Keep Kitkat Fairtrade](#)

Brazil Declares Crop Emergency As Locust Plague Nears Border



RIO DE JANEIRO (AP) — Brazil's agriculture ministry has declared a crop emergency in two southern states amid the possibility a cloud of locusts could enter the country from Argentina. The "state of phytosanitary emergency" is a bureaucratic step paving the way for Brazil's government to implement plans to suppress the plague and take other emergency measures in case the insects reach the farmland in Rio Grande do Sul and Santa Catarina states. The ministry said in a statement it doesn't currently expect that to occur. The cloud of locusts that originated in Paraguay and caused massive damage to its corn plantations has spread through northeast Argentina and devoured crops there. [Read More at AP News](#) t.

SEE ALSO:

At 9 News: [Argentina MLocust Cloud Approaching Brazil – Could Cause Devastating Crop Damage](#)

At Reuters: [Argentina, Brazil Monitor Massive Locust Swarm; Crop Damage Seen](#)

Grey Whales - Protected On One Side Of The Border, Hunted On The Other



A grey whale called Saddle is a longtime summer resident of Clayoquot Sound. Researcher Jim Darling has photographed the whale 20 times between 1974 and 2019. Individual whales can be identified by the distinct markings on their backs. For almost five decades, biologist Darling has studied the grey whales that regularly return to forage in the waters off the west coast of Canada instead of completing the lengthy migration undertaken by the main herd.

Approximately 27,000 eastern North Pacific grey whales make a monumental annual trek from breeding and calving lagoons along Mexico's Baja California peninsula to summer feeding grounds in the far northern Bering, Beaufort and Chukchi Seas. The northward migration lasts from February until May. Then, in October, the whales, led by pregnant females, leave the Arctic feeding grounds and again travel up to 11,000 kilometres to return to the warm lagoons of Baja. However, about 250 animals opt to skip the full migration and spend from spring until fall feeding along the coast from northern California to southeast Alaska where there are different hunting laws. [Read More at The Tyee.](#)

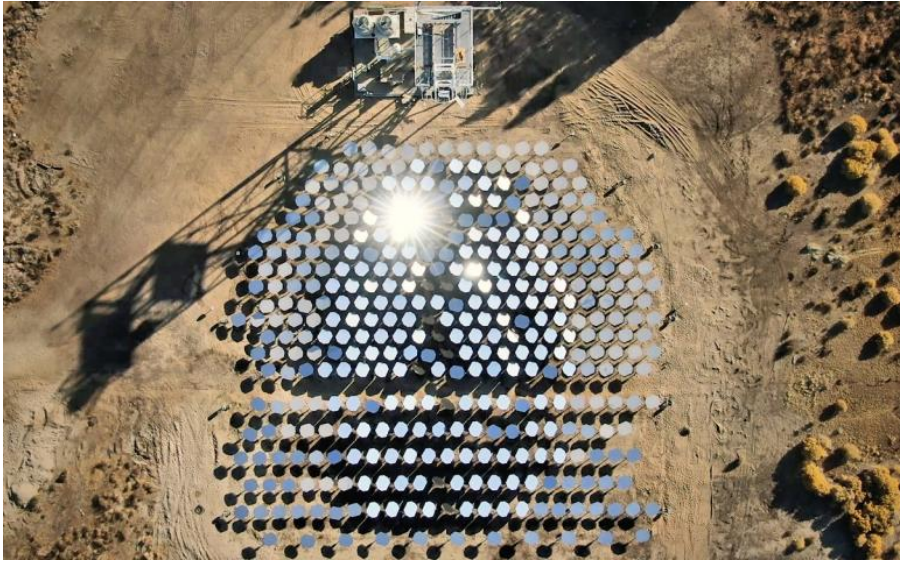
**Africa Health Budget Network, Nigeria
assumes the Global Secretariat of
COPASAH**



Credit: Health Reporters

In line with the decision taken by the COPASAH Steering Committee after the **Global Symposium in October 2019**, the Global Secretariat of COPASAH is shifting from Centre for Health and Social Justice (CHSJ), New Delhi, India to the Africa Health Budget Network (AHBN) in Abuja, Nigeria. This is a testament to the relevance and growth of COPASAH which was established at a meeting on Health Governance and Accountability at the Community Level, in Johannesburg, South Africa nearly ten years ago. The first Global Secretariat of COPASAH was hosted by CEGSS at Guatemala in Latin America after which it moved to CHSJ, New Delhi, India in Asia. The Global Secretariat now moves to Africa where the COPASAH journey had started. [Read More at Health Reporters](#)

Cementing The Future - Making Cement Clean Up Its Act



Cement is the glue that holds sand and gravel together, forming it into concrete. Making it, though, requires temperatures of at least 1400°C (2552°F)—and the chemical reaction that creates cement releases CO2 as well. If the cement industry were a country, [it would be the third-largest producer of greenhouse gases on Earth](#). In order to meet the targets set at the Paris Agreement, nations around the world [must reduce cement emissions by a quarter in the next 30 years](#), literally reimagining the walls around us. Here's how cement is cleaning up its act in the present—and how it gets even better in the future. [Read More at Sierra Club](#)

GOOD NEWS

Bayer To Pay More Than \$10 Billion To Resolve Cancer Lawsuits Over Weedkiller Roundup



Bayer will pay more than \$10 billion to end tens of thousands of lawsuits filed over its Roundup weedkiller. The settlement also resolves many other cases over the herbicide dicamba as well as water contaminated with toxic chemicals called PCBs. Many plaintiffs say Roundup's active ingredient — glyphosate — caused them to develop cancer. Roundup was developed by Monsanto, which Bayer bought in 2018 for \$63 billion.

The decision to resolve the Roundup cases, Bayer CEO Werner Baumann [said](#), will "return the conversation about the safety and utility of glyphosate-based herbicides to the scientific and regulatory arena and to the full body of science." The Roundup settlement does not cover three cases that have already gone to trial and that will continue through the appeals process. In one of those cases, a California jury awarded a couple [more than \\$2 billion](#) in damages before a court sharply lowered that amount. [Read More at NPR](#)

SEE ALSO:

At NY Times: [Roundup Maker To Pay \\$10 Billion to Settle Cancer Suits](#)

MORE GOOD NEWS

**CANADA JUST INVESTED \$100 MILLION
INTO VEGAN MEAT**



Credits: Live Kindly

Canada's vegan meat industry just got a huge boost. The country just announced a nearly \$100 million investment in vegan protein. Prime Minister Justin Trudeau announced that the multi-million dollar funding would go to Merit Functional Foods, a Winnipeg-based company that specializes in producing plant-based proteins. Merit will use the funds to build its new commercial-scale protein production plant. The facility will be capable of utilizing 10,000 metric tonnes of yellow peas, an ingredient used to make plant-based meat like the Beyond Burger available at A&W Canada, in its first year. It will also produce an estimated 17,000 tonnes of canola seed.

"As people around the world start eating more plant-based products, we have an opportunity to bring together Canadian innovation and Canadian crops, and a chance to create good, well-paying jobs," Trudeau said. "This facility will be a world leader in plant-based proteins and create good jobs in a fast-growing field," he continued. Merit Functional Foods' expects its new plant to be fully operational by the end of the year. It will also create 80 new jobs. [Read More at Live Kindly](#)

Coronavirus Crisis Could Cause \$25tn Fossil Fuel Industry Collapse



Credit: Matthew Brown/AP

The coronavirus outbreak could trigger a \$25tn (£20tn) collapse in the fossil fuel industry by accelerating a terminal decline for the world's most polluting companies. A study has found that the value of the world's fossil fuel reserves could fall by two-thirds, sooner than the industry expects, because the Covid-19 crisis has hastened the peak for oil, gas and coal demand. The looming fossil fuel collapse could pose "a significant threat to global financial stability" by wiping out the market value of fossil fuel companies, according to financial thinktank Carbon Tracker. [Read More at The Guardian.](#)

SPOTLIGHT ON POLICY

International Energy Agency (IEA) Floats 'Green Recovery' Plan To Boost Economies, Cut Emissions



The International Energy Agency (IEA) has unveiled a three-year, post-pandemic master plan to simultaneously salvage the global economy and reduce greenhouse gas emissions. Drawn up jointly with the International Monetary Fund (IMF), the 2021-2023 blueprint aims -- in each of those years -- to boost GDP growth 1.1%, "save or create" nine million jobs, and slash CO2 emissions by 1.5 billion tonnes. Total CO2 emissions last year from fossil fuel and industry was about 37 billion tonnes. [Read More at Solar Daily](#)

SPOTLIGHT ON INDIGENOUS WELLNESS

Canada, Ontario Need to Address Toxic Mercury Legacy In Grassy Narrows



This past June 27 marked three years since [federal](#) and [provincial](#) authorities in Ontario, Canada, promised to clean up decades-old mercury contamination. Affected Indigenous residents are still waiting. In the 1960s and early 1970s, a chemical plant dumped around 10 tons of toxic mercury into a river upstream from Asubpeeschoseewagong Netum Anishinabek (also known as “Grassy Narrows First Nation”), contaminating culturally important fish the community depends on for food. In [repeatedly](#) failing to take action to clean up the river, subsequent governments have subjected community members to half a century of devastating health [impacts](#), including [early death](#). In waterbodies, mercury converts into [methylmercury](#), a potent neurotoxin, which accumulates in fish and then people, reaching increasing levels of contamination and risk to human health.

In 2017, community member Darwin Fobister, then 20, [told Human Rights Watch](#), “[Mercury poisoning] is going on and on and it’s passing to younger and younger people.” Fobister described having difficulty balancing, trembling in his hands, and spells of tunnel vision – all symptoms of mercury poisoning. A 2016 [review](#) of mercury levels in Ontario fish confirmed that fish consumed in Grassy Narrows are the most mercury-contaminated in the province. The federal government, meanwhile, [maintains](#): “Canada has well-established ... programs to identify, assess, remediate and risk manage contaminated sites,” in line with its obligations under the [United Nations Minamata Convention on Mercury](#), which seeks to protect human health from mercury. [Read More at The HRW](#)





Credit:

Quote Of The Week

“When there’s a burden, we gather together to share that burden. We’re having to come up with creative ways to practice our culture in a time when you can’t reach out and take someone by the hand, and you can’t share a meal together.”

Ron Rice, Executive Director, Victoria Native Friendship Centre, Victoria, British Columbia, Canada

[Read More at The Tyee](#)

Upcoming Events

- September 22nd - 23rd: U.N. [Summit on Biodiversity](#) (New York City, USA)
- November 9th-19th: [2020 UN Climate Change Conference](#) (UNFCCC COP26) (Glasgow, Scotland) - **Postponed until later 2021**
- June 7th-9th 2021: [Executive Course: Global Health Diplomacy](#) (University of Toronto, Canada)

AND SEE BY PHW PRODUCTION MANAGER:

REFLECTIONS on the 2020 Unite For Sight Virtual Global Health & Innovation Conference (April 11-13, 2020)

FYI#1 SPOTLIGHT ON MEDIA:

Adapting To A Drier Planet: 12 Part Podcast Series



Credit: Heat of the Moment

The climate change crisis can feel so formidable, so daunting, that instead of mobilizing people to action, it engenders paralysis. What could we mortals possibly do to prevent the calamity? A fair bit, it turns out. On *Heat of the Moment*, a 12-part podcast by FP Studios, in partnership with the Climate Investment Funds, we focus on ordinary people across the globe who have found ways to fight back.

Hosted by CNN contributor John D. Sutter, each episode begins with an interview about a particular aspect of climate change that threatens our planet. The segment is followed by a sound-rich report highlighting one green project somewhere around the world—from Ghana to Brazil to Morocco. Listeners will hear from people who use innovation, technology and investment to roll back the devastation. *Heat of the Moment* tells the stories of the people on the front lines of the fight against climate change.

[Read More at Foreign Policy](#)

FYI #2

Raise Your Voice For Nature: Earth Hour 2020 Highlights Report



Taking place in late March amid the heartbreaking opening stages of the COVID-19 outbreak, Earth Hour was a moment of strength and inspiration, reminding people to come together digitally and look after one another and also our planet – our one shared home. Against all odds, it was a remarkable record-breaker – reaching 190 countries and territories, more than ever before, as well as having the largest ever online reach. This magnificent success story came about thanks to the incredible passion and commitment of people around the world, all determined to share their concerns about the future of our one planet.

[Read More at Hub Spot](#)

FYI #3

Battery Giant CATL Ready To Make Million Mile, 16 Year Batteries For More Than Tesla



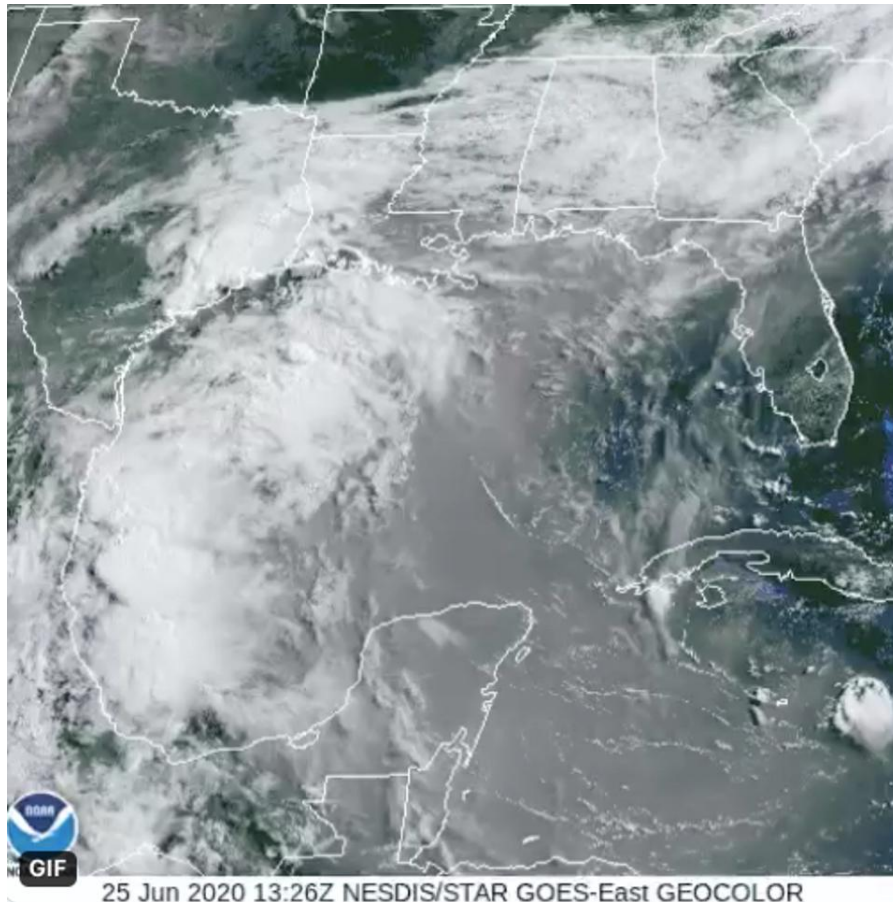
Credit: Green Car Reports

The battery field is moving so quickly that the idea of the million-mile battery seemed far out [just a year ago](#). Now it's within sight—likely in the next few years—for [Tesla](#) and [General Motors](#), among others, and supplier CATL has revealed that it's not exclusive to a particular automaker's R&D department. CATL has developed a battery pack that will last 16 years or 2 million kilometers (1.24 million miles), and will offer it to any interested automaker, company chairman Zeng Yuqun said in an interview with [Bloomberg](#). The million-mile battery will cost only about 10% more than batteries in current electric cars, Zeng said. That premium isn't as daunting as it sounds, because lithium-ion battery prices have been falling rapidly; according to Bloomberg New Energy finance they fell 13% on a pack basis just from 2018 to 2019.

Read more at Green Car Reports

FYI #4

African Dust Storms Are The Latest 'New' Old Weather Phenomena



Credit:

NOAA

As I type this on a Friday morning, there is a high likelihood that you have already seen social media posts of “African dust” sunrises or sunsets. You have also likely seen references to Godzilla or friends saying “wow, this has never happened before, right?” To be clear, this dust outbreak is certainly an anomaly event and poses potential health risks for people all along its pathway so it is important that the media and other stakeholders have picked up on it. Herein, I officially induct “African dust storms” into the “new” old weather phenomena Hall of Fame. Let me explain.

To illustrate just how extreme this current dust storm is, [FEMA scientist Michael Lowry tweeted](#) the following: “The ongoing Saharan #dust outbreak across the tropical Atlantic is *by far* the most extreme of the MODIS satellite record — our most detailed, continuous record of global dust back to 2002.” The graphic above shows a quantity called [aerosol optical depth \(AOD\)](#). AOD provides an indication of how much particulate matter or aerosols are in a column of the atmosphere. This event clearly exceeds other dust events of the past two decades.

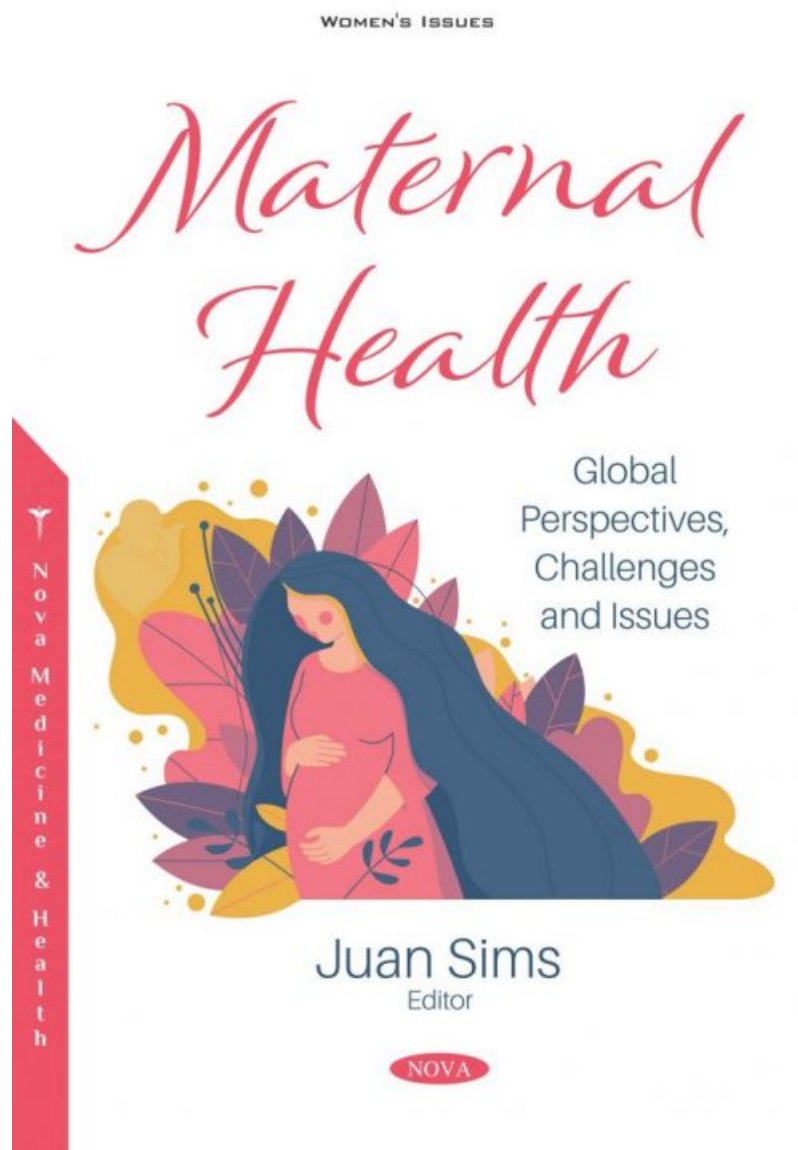
See More:

At NASA: [NASA-NOAA's Suomi NPP Satellite Analyzes Saharan Dust Aerosol Blanket](#)

At CNN: [Saharan Dust From Africa Will Stretch Towards the U.S., Putting the Hurricane Season on Pause](#)

FYI #5: EARLY SUMMER READING (nearly free book)

Maternal Health: Global Perspectives, Challenges and Issues (Edited by Juan Sims)



In this compilation, a framework for exploring coupled physical-social systems impacts on health are presented. Specifically, this system is used to articulate three climate change impact pathways for maternal health: vector borne diseases; water, sanitation, and hygiene; and nutrition.

Following this, *Maternal Health: Global Perspectives, Challenges and Issues* moves beyond discussing the implications of maternal obesity on maternal and child health and focuses on why it is imperative to consolidate current evidence into practice and policy around prevention. The authors explore what is needed to translate findings from epidemiological, clinical trial, secondary research and evidence synthesis into evidence-based programs.

The concluding study analyzes data on disparities in maternal mortality by race, age and causes of death in the interest of identifying whether pregnancy-related deaths may be avoided in preventable conditions if treated earlier, thereby closing the racial disparities of maternal mortality rates in the United States.

And see chapter: MATERNAL, NEWBORN, AND CHILD HEALTH IN A CHANGING CLIMATE: A SOCIO-ECOLOGICAL FRAMING by USask colleague Corinne Schuster-Wallace, et al.

[Read More at Nova Publishers](#)

FYI#6: SPOTLIGHT ON EDUCATION

Students Seek Therapy-like Help From Professors Online



Credit: Jecapix | Getty Images

Faced with high levels of anxiety and stress, some students have sought therapy-like consultations from their professors. "I am not a psychologist, but I do like to listen to people," says Irina Popescu in a reflection on how the desire to acknowledge the difficulties her students were facing and the move to online learning took an unanticipated physical, emotional and mental toll on staff and students alike. Popescu further notes that students tend to gravitate towards people they are familiar with, and so awareness of counselling is not the core issue. "If we are to persevere during the upcoming academic year," she concludes, "we need to understand how to embody those new roles -- not only as educators but also as mentors and oftentimes as individuals put in a position of being crisis counsellors without any credentials."

[Read more at UNDP](#)

ENDSHOTS

COVID-19 DATA AND INFO AMID ROCK SOLID MESSAGES

Krause Family, Oakville

JUNE 29, 2020



COUNTRIES RANKED BY NUMBER OF NEW COVID-19 CASES, JUNE 25 JULY 2, 2020

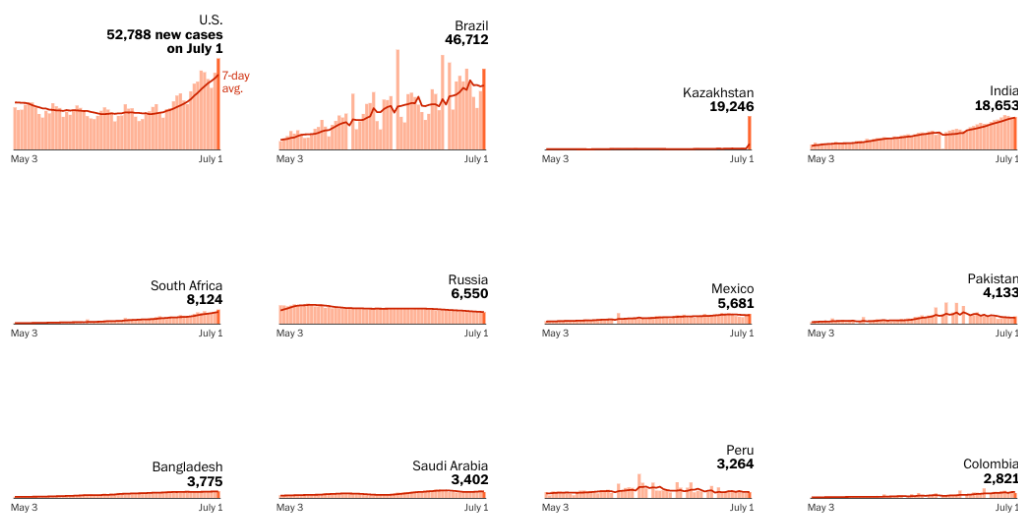
Source: <https://www.washingtonpost.com/graphics/2020/world/mapping-spread-new-coronavirus/>

Country	Reported cases	Change from June 25		Deaths
		Total ▼	Pct.	
U.S.	2,725,858	▲ 317,813	+13%	126,282
Brazil	1,448,753	▲ 220,639	+18%	60,632
India	604,641	▲ 131,536	+28%	17,834
Russia	660,231	▲ 47,083	+8%	9,668
South Africa	159,333	▲ 40,958	+35%	2,749
Mexico	231,770	▲ 28,819	+14%	28,510
Saudi Arabia	197,608	▲ 26,969	+16%	1,752
Bangladesh	153,277	▲ 26,671	+21%	1,926
Chile	284,541	▲ 25,477	+10%	5,920
Colombia	102,261	▲ 24,948	+32%	3,650
Pakistan	217,809	▲ 24,839	+13%	4,473
Peru	288,477	▲ 19,875	+7%	9,860
Iran	232,863	▲ 17,767	+8%	11,106
Turkey	202,284	▲ 9,169	+5%	5,167
France	203,640	▲ 5,755	+3%	29,878
Britain	314,992	▲ 5,537	+2%	43,991
Germany	196,370	▲ 2,999	+2%	9,006
Spain	250,103	▲ 2,617	+1%	28,368
Canada	106,426	▲ 1,963	+2%	8,692
Italy	240,961	▲ 1,255	+1%	34,818



TOP 12 COUNTRIES: NUMBER OF NEW COVID-19 CASES ON JULY 1, 2020

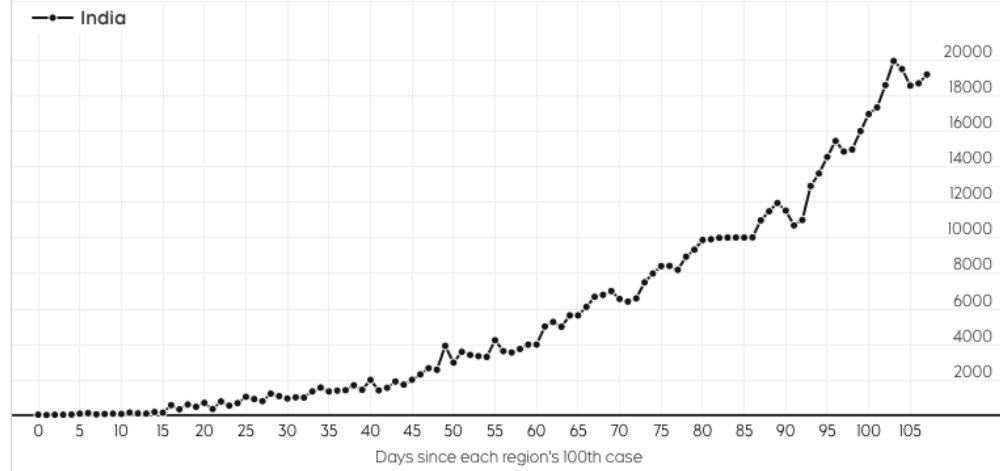
Source: <https://www.washingtonpost.com/graphics/2020/world/mapping-spread-new-coronavirus/>



India (Population 1.339 billion, 2017)

COVID-19 Cases (Daily)

Cases Deaths Total Daily 7-Day Raw /100K

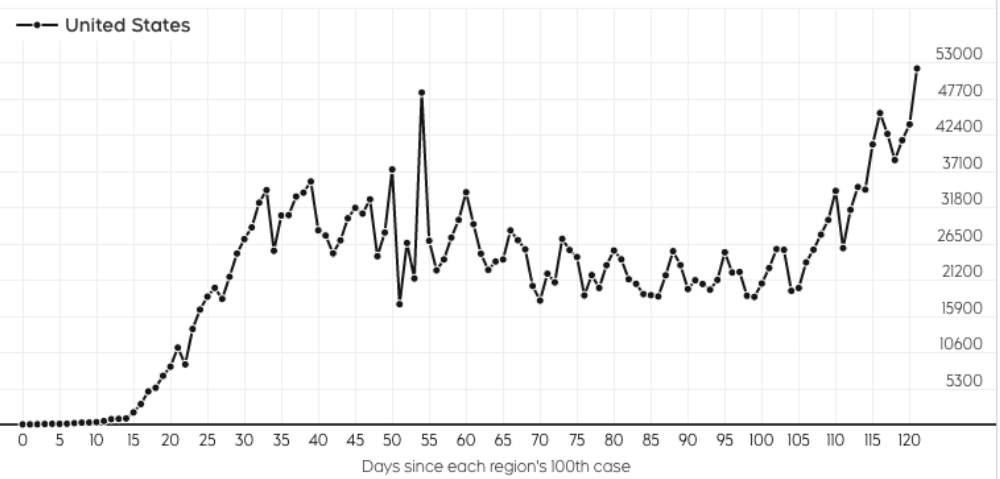


Source: [European Center for Disease Control and Prevention \(ECDC\)](#) via [Our World in Data](#)



COVID-19 Cases (Daily)

Cases Deaths Total Daily 7-Day Raw /100K

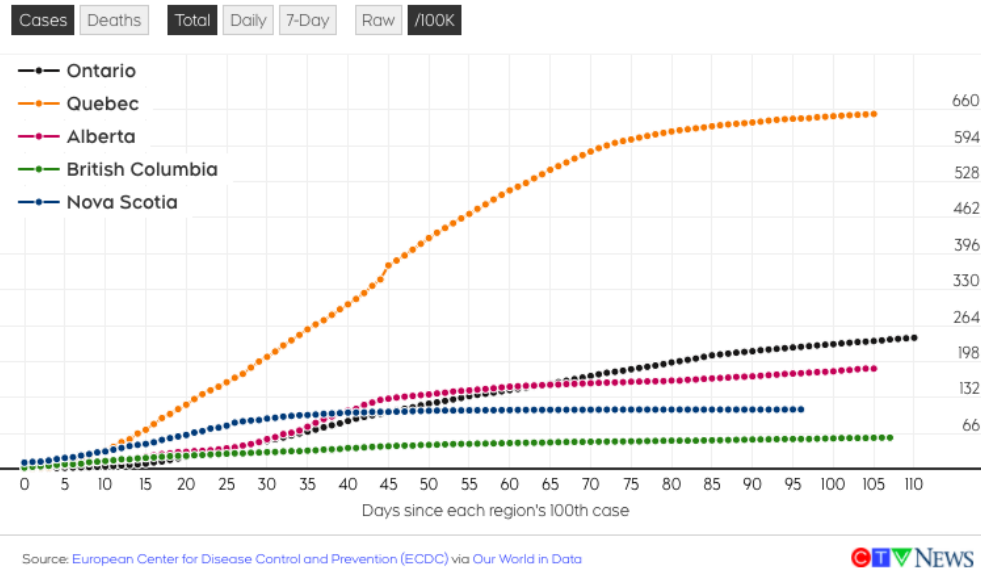


Source: [European Center for Disease Control and Prevention \(ECDC\)](#) via [Our World in Data](#)



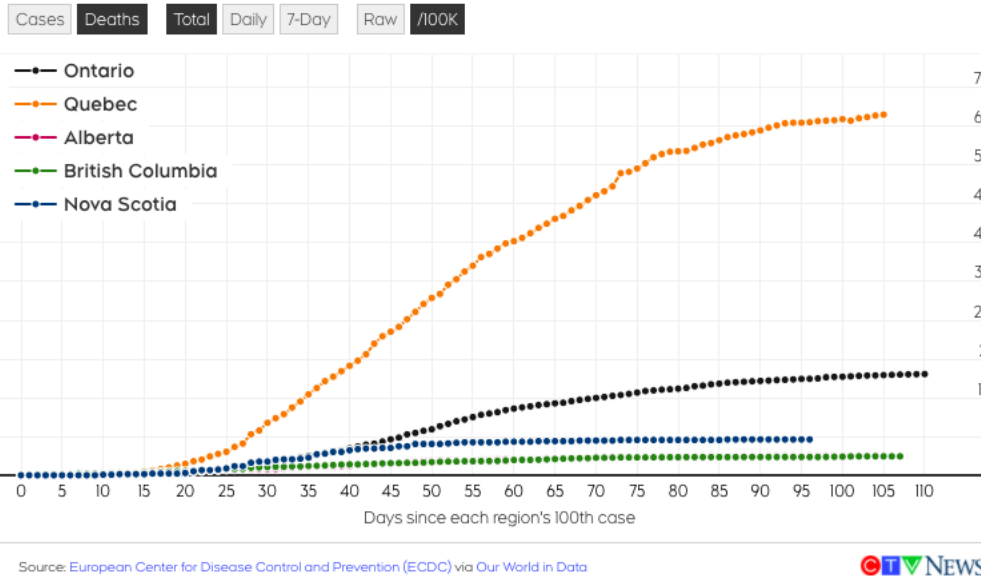


COVID-19 Cases (Total, per 100K)



Note: each region's timeline is adjusted to begin when the region announced its 100th case.

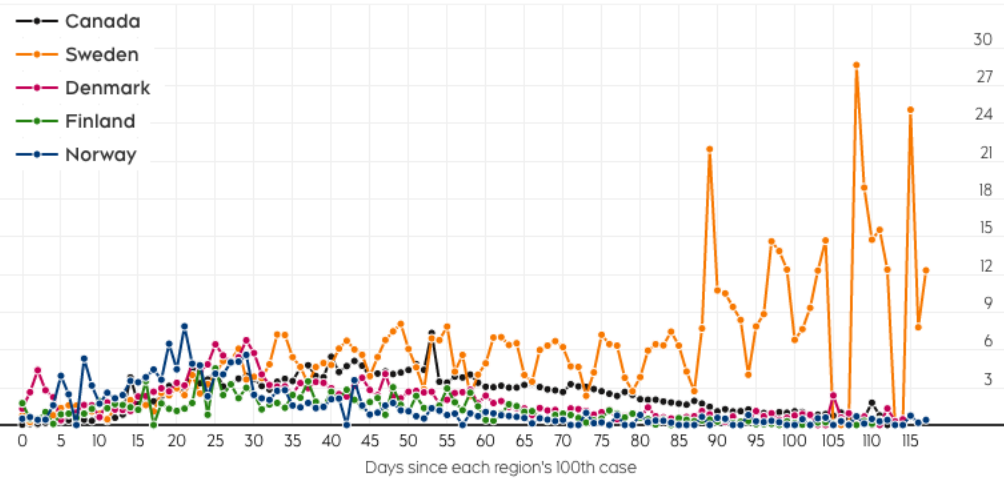
COVID-19 Deaths (Total, per 100K)



Note: each region's timeline is adjusted to begin when the region announced its 100th case.

COVID-19 Cases (Daily, per 100K)

Cases Deaths Total Daily 7-Day Raw /100K



Choose regions

Canada

Sweden

Denmark

Finland

Norway

Source: [European Center for Disease Control and Prevention \(ECDC\)](#) via [Our World in Data](#)





Photo Credits: David Zakus



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D&D Education Services, Inc.

49 Beresford Avenue, Toronto,
Ontario, Canada M6S 3A9

Publisher and Editor: Dr. David Zakus

david.zakus@utoronto.ca

Production: Eunice Anteh & Aisha Saleem

Social Media: Evans Oppong

Website, Index and Advisory: Gaël Chetaille, Jonathan
Zakus, Dr. Aimée-Angélique Bouka, Elisabeth Huang &
Laura Yang

CONTACT US TO COMMENT OR SUBSCRIBE AT:

planetaryhealthweekly@gmail.com

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