



# Global Solutions Lab

Designing solutions for global and local problems

Global Solutions Lab Participants and Interested Applicants:

## UPDATE #2

### Climate Change and Pandemic News

The following have an emphasis on possible ways forward— towards a world where solutions to pandemics and climate change are being implemented. They are intended to provide perspective and context, not answers or solutions. Take your time and browse through them. There will be more. *(And let me know if this Update is too long. I will send shorter ones if you tell me this is too much at one time.)*

The next Global Solutions Lab Update (#3) will feature recent publications by UN and other agencies around the world that contain important perspectives and data.

*(If you haven't registered yet, please do so.)*

- [Time to tackle two crises at once](#), activist Thunberg says on Earth Day.
- [What Climate Change and the Coronavirus Have in Common](#) Stay-at-home orders. Lockdowns. Economic plunges. None of this is normal. Yet, it oddly shares commonality with a different kind of drawn-out pandemic— climate change. Hurricanes, wildfires, extreme temperature shifts are not normal either.
- [What Does COVID-19 Mean for the Energy Transition?](#) The pandemic is giving us a preview of the kind of disruptions that climate change will bring. But, as Jules Kortenhorst explains, it also offers a chance to rebuild a cleaner, more sustainable world. *World Economic Forum*
- [Rich nations must make pandemic recovery plans green](#). While some of the world's biggest economies have pledged post-pandemic green recovery, big emitters like China have yet to do so.

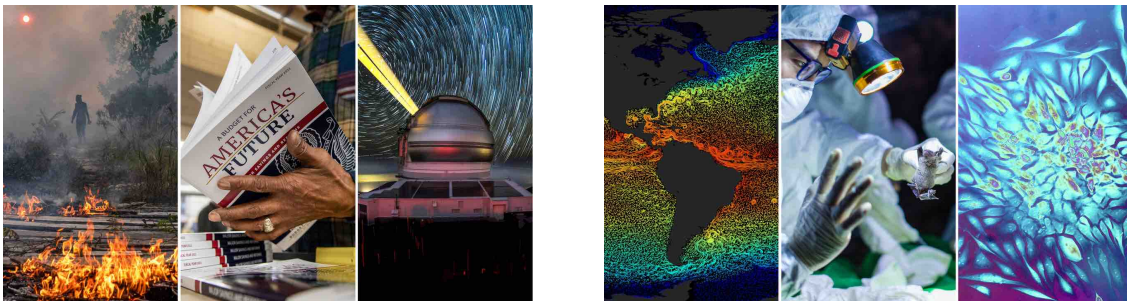
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building resilience against both is imperative and urgent. How to do this in the face of a recession, falling government revenues and huge pressure on public budgets? Investments in COVID-19 response and in climate change resilience must work together and reinforce each other. Leonardo Martinez-Diaz and Lauren Sidner offer three solutions that can fix . . .

- [It's time for a fossil fuel non-proliferation treaty.](#) As governments plan COVID-19 economic stimulus, it can't be spent in ways that make us less secure. Here are the rules we need . . .
- [A better world can emerge after coronavirus.](#) Or a much worse one.



- [CO2 emissions will drop by a record 2.6 billion tons this year, thanks to the coronavirus.](#) But it's still only an 8% drop in our massive global footprint.
- [How a warming climate could affect the spread of diseases similar to COVID-19](#) scientificamerican.com  
Scientists have long known that the rise in average global temperatures is expanding the geographical presence of vector-borne diseases ...
- [How open-source medicine could prepare us for the next pandemic](#) The old drug discovery system was built to benefit shareholders, not patients. But a new, Linux-like platform could transform the way medicine is developed—and energize the race against COVID-19.
- [Pandemic pauses pollution. But what's next for climate?](#) Around the world people are making personal sacrifices benefiting others. Researchers say we need policies that require sacrifice for climate change ...
- [Tropical deforestation releases deadly infections](#) "For at least two decades scientists have repeated the warning: as populations advance on the forests, the risk grows of micro-organisms migrations ...

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- [For Gen Z, two defining events: COVID-19 and climate change](#) An unforeseen pairing of catastrophes will inform how Generation Z navigates the world as adults, and what sort of future they create.
- [Coronavirus: Use COVID-19 pandemic to 'rebuild our world for the better'](#), UN Secretary-General Antonio Guterres has challenged leaders to use the coronavirus pandemic to "rebuild our world for the better"
- [Germany's Merkel calls for 'climate-friendly' coronavirus response](#) Chancellor Angela Merkel has reaffirmed Germany's commitment to climate protection, despite the enormous social and economic challenges posed ...
- [Safer, More Sustainable Transport in a Post-COVID-19 World](#) The COVID-19 crisis has shown that effective public transport is vital to keeping cities running. By serving essential workers in health care, emergency services, food services, and other sectors, public transport has become a service for all urban residents. But pandemic lockdowns are also putting an incredible strain on public transit systems worldwide. Ben Welle and Sergio Avelleda write that public transport can be a powerful job engine and they list five ways that governments, development banks and agencies can include it in stimulus packages.



A key document at the Global Solutions Lab is the *Design Science Primer*.  
(Below is the correct link.)

It encapsulates the methodology that the Lab uses in the development of strategic designs and plans for meeting the needs of the world. [This link](#) will enable you to

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*Given this book's importance to what we will be doing in the Lab, please download the free copy and read it.*

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**Another foundational document at the Lab is the Global Solutions Lab book(s) that document the work of previous Labs.**

*Designs for a World That Works For All* is also available at the [Global Solutions Lab website](#) as PDFs (7 to 8.5 MB each), and at [Amazon](#). The results of the 2020 Global Solutions Lab will be published as a book similar to these documents.

*Given the size of these two documents, please download them (or order them as printed documents) and look them over. Check out the table of contents, and read what you find of interest.*

## Global Solutions Lab Website

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