



Objectives

- Offer an overview of the ways through which climate change threatens health and well-being, and specifically how climate change impacts intragenerational and intergenerational justice and human rights.
- Explore ways youth, practitioners and policy-makers can advocate for political action to advance climate justice and improve health equity.

As Fires Endanger the 'Lungs' of Athens, Greek Anger Rises

Firefighters were battling scores of blazes nationwide, but the threat to a precious woodland north of the capital had some fearing a dystopian future.

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Extreme Heat | U.S. Heat Tracker | Global Heat Tracker | How to Stay Safe

Bring Fans and Skip the Sights: Vacationing in Scorching Hot Europe

Travelers are flocking to Europe this summer, but the excessive and prolonged heat is putting a crimp in their plans. Here's what some are doing.

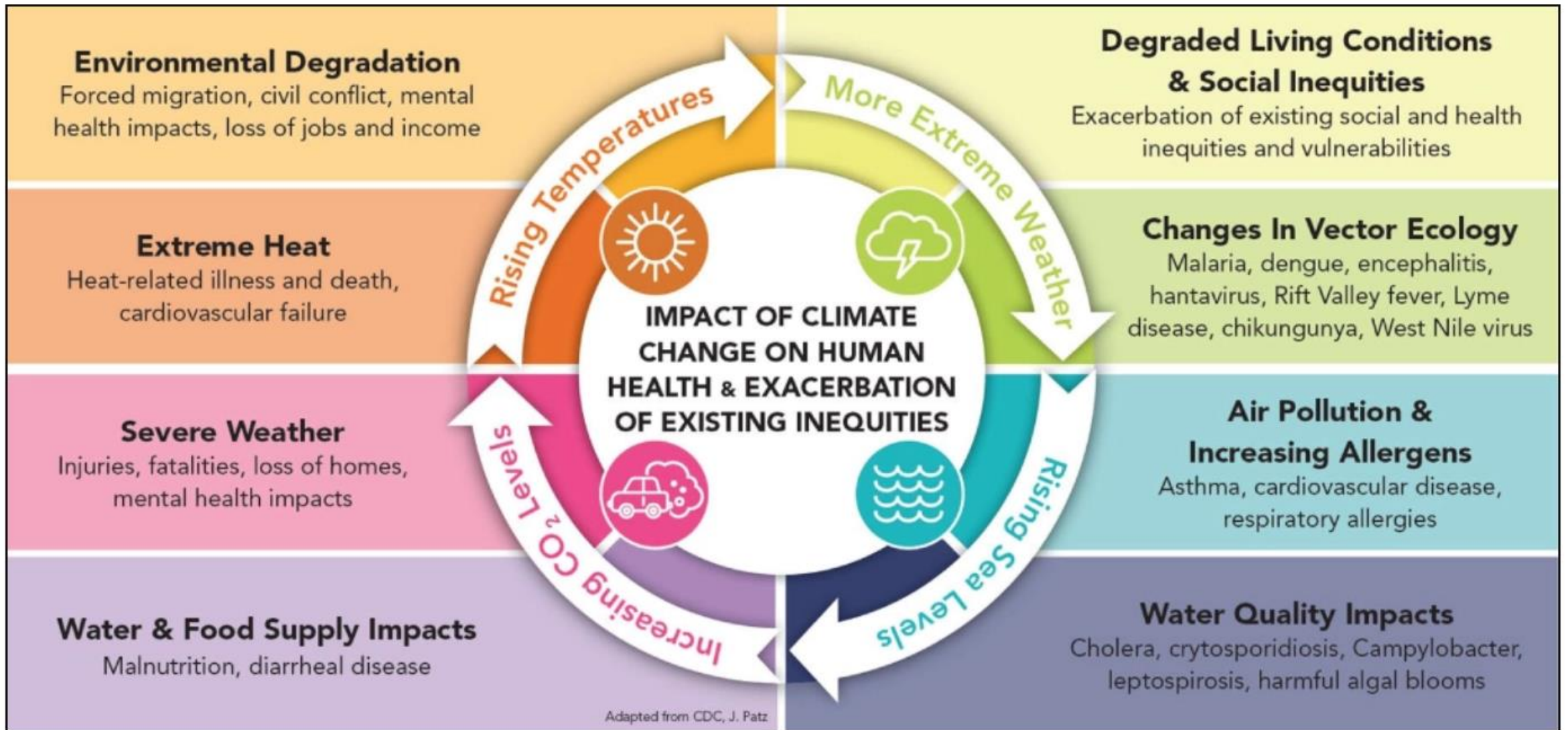
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Two months of fire and flood: Greece's climate disasters, visualized

Record rainfall and wildfires have devastated the country since the summer. Here's a look at the disasters that will change the country for years.





CREDIT: CDC. Impact of Climate Change on Human Health.

AFFECTING HEALTH DIRECTLY

EXTREME WEATHER & EXTREME HEAT

Increased frequency and severity of heavy downpours, floods, droughts, and major storms can lead to:

injury, illness, displacement,
and death

More Vulnerable: Outdoor workers, people with disabilities, people without air conditioning (heat), people with chronic diseases, pregnant women, older adults, and young children

CLIMATE CHANGE

Unchecked emissions may double child mortality due to heat in Africa

Study estimates 38,000 child deaths due to climate warming could occur every year by 2049



NEXT NEWS >

By Madhumita Paul
Published: Monday 11 July 2022



Pakistan floods: One third of country is under water - minister

30 August



EPA-EFE/REX/SHUTTERSTOCK

A flooded street on Monday in Nowshera district

By Leo Sands
BBC News

SPREADING DISEASE

INSECTS, TICKS, AND RODENTS

Higher temperatures, changes in rain patterns, and disrupted ecosystems help spread:

diseases carried by insects, ticks, and rodents

More Vulnerable: People who spend more time outdoors in places where these insects and other disease-carriers live



Mapping malaria in Africa: climate change study predicts where mosquitoes will breed in future

Published: May 19, 2024 4:27am EDT

Water bodies such as the Nile River, pictured here running through Juba in South Sudan, are included in the new model. Frontpage

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The relationship between [climate and malaria transmission](#) is complex and has been the subject of [intense study](#) for some three decades.

Mosquito vector populations sufficient to maintain malaria transmission occur within a particular range of temperatures and humidity that are suitable for their survival and breeding. The

Authors



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DISRUPTING WELL-BEING

MENTAL HEALTH PROBLEMS

Increased frequency and severity of extreme weather events can lead to:

stress, depression, anxiety, PTSD,
and suicidal thoughts

More Vulnerable: Children, older adults, pregnant and postpartum women, people with mental illnesses, the poor, homeless people, first responders, and people who rely on the environment for their livelihood

Farmer suicides soar in India as deadly heatwave hits 51 degrees Celsius

Sweltering country seeks the relief of the monsoon, but this year's downpour could be up to 11 days late as officials blame climate change

Jan Johnston Environment Correspondent | @montaukian | Friday 21 April 2017 10:27 | 20 comments



A shepherd drinks water on the dry bed of a reservoir that once supplied water to Latur in Marathwada

Climate Change's Impacts on Health Equity

Inequities **WITHIN** and **BETWEEN** countries

Mother Jones



UN: Disabled People Are Being Erased in Climate Policies

Extreme weather hits people with disabilities harder. Experts say that has to change.



JULIA MÉTRAUX

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Flooding in Mogadishu, Somalia Farah Abdi Warsameh/AP

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Air pollution
People of colour far likelier to live in England's very high air pollution areas

Study finds minority ethnic people make up nearly half of populations in areas with very high NO2 or PM2.5 levels
<https://www.theguardian.com/environment/wildlife>



NEWS March 7, 2025

Advancing gender equality in agriculture and climate action

An interview with Sibyl Nelson, Gender Focal Point of the SCALA programme

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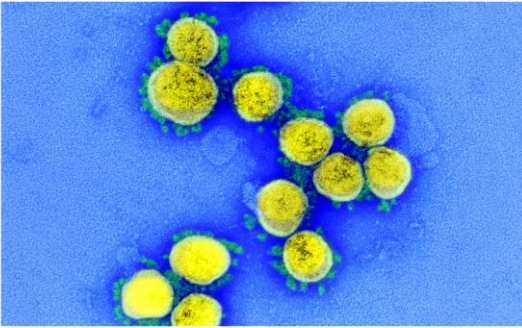
Climate Change's Impacts on *Inter-Generational* Equity

Intergenerational Justice is about obligations of *current* generations “not to pursue policies that create benefits for themselves but impose costs on those who will live in the future” – Meyer 2021

ENVIRONMENT, HEALTH

The Climate Crisis and Pandemics of the Future

24/07/2022



Transmission electron micrograph of SARS-CoV-2 virus particles. Image: NIAID/Flickr, CC BY 2.0

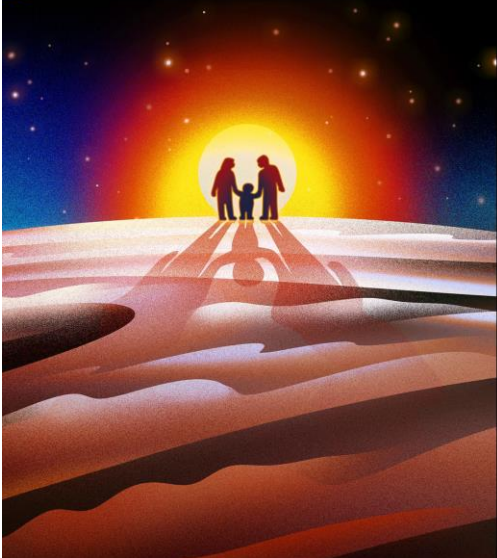
ABDULLAH FAROOQ

- According to a recent study, the disruptions due to climate change will result in unusual interspecies contact, which will in turn cause new mutations of viruses.
- The study's findings suggest that we are on the precipice of mass-scale viral transmission events, with most of them predicted to happen between 2011 and 2040.
- While keeping temperature increases to below 2° C is a necessary goal, the authors predict that accomplishing this goal itself will not result in reduced viral sharing.
- Currently, our governments are beholden to corporate interests, which means that real estate and agribusiness have outsized influence over where and how land is developed.

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ENVIRONMENT | PLANET POSSIBLE


Climate anxiety is widespread among youth—can they overcome it?

Millennials and Gen Z have grown up on a different planet with tougher choices than their parents. Accepting that is the first step in avoiding despair.

teenVOGUE

STYLE POLITICS CULTURE IDENTITY VIDEO SUMMIT SHOPPING

NEWSLETTER



RIKHI HELD

Politics

Youth-Led Climate Change Lawsuits Are a Tactic to Hold Governments Responsible

A youth-led climate case is going to trial for the first time ever.

BY RAY LEVY UYEDA
JULY 25, 2022

SOLUTIONS EXAMPLE : EXTREME HEAT



Develop a Heat Response Plan


- Develop or expand the extreme heat alert system
- Ensure vulnerable populations can be mapped and reached
- Plan cooling centers ahead of time



Cool Your Community

- Increase the **tree canopy** to help keep buildings and the surrounding air cooler
- **Use cool paving** and reflective and clporous materials to help lower the surrounding temperature

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New York City has painted about 7 million square feet of tar rooftops white to lower temperatures. [NASA](#)

Urban Heat: Can White Roofs Help Cool World's Warming Cities?

It has long been known that installing white roofs helps reduce heat buildup in cities. But new research indicates that making surfaces more light-reflecting can have a significant impact on lowering extreme temperatures - not just in cities, but in rural areas as well.

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Environment

Cities turn to grey water recycling to fight drought

Grey water can also be used for landscaping and gardening in places with proper regulations. California and Arizona are just two states allowing it.



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Transforming Cities

THE NEW AGE OF URBAN LIVING

Cities around the world are seizing their moment. In the face of worsening inequality, the Covid pandemic, and the crippling consequences of climate change, their leaders are taking action to secure a better quality of life for the many of us - more than half of the world's population - that call cities home.



Questions & Discussion