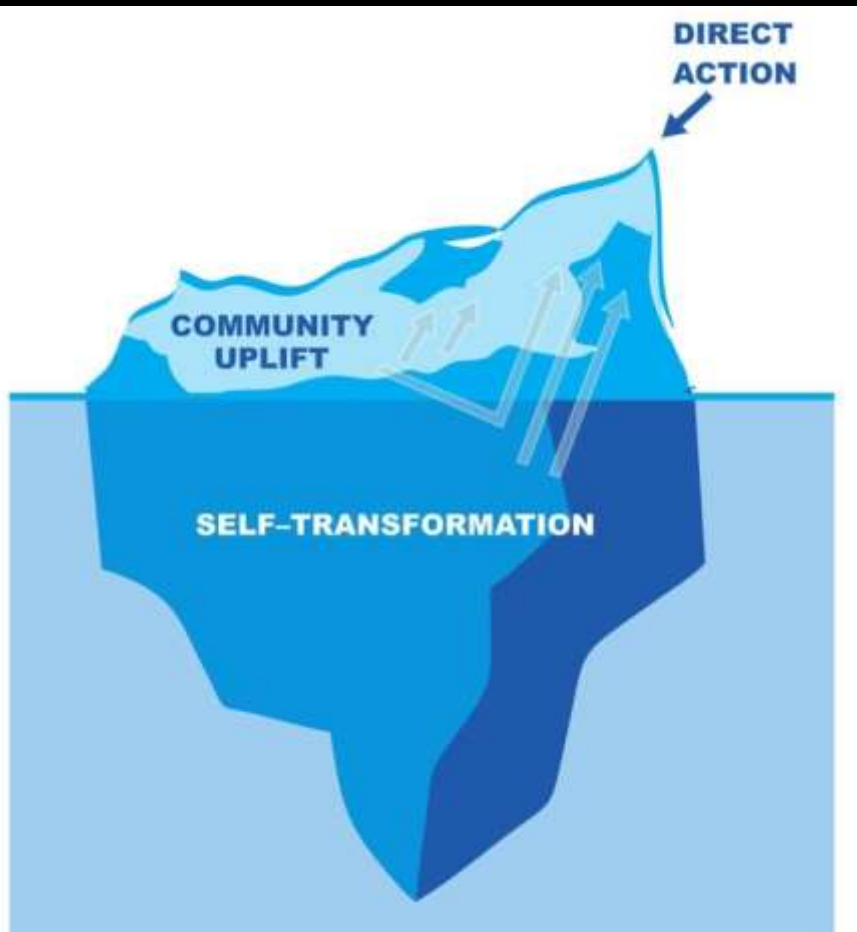


Climate action & Racial healing

Framework of YTBN Direct Action Network



Dr. Kritee (Kanko)

Website boundlessinmotion.org

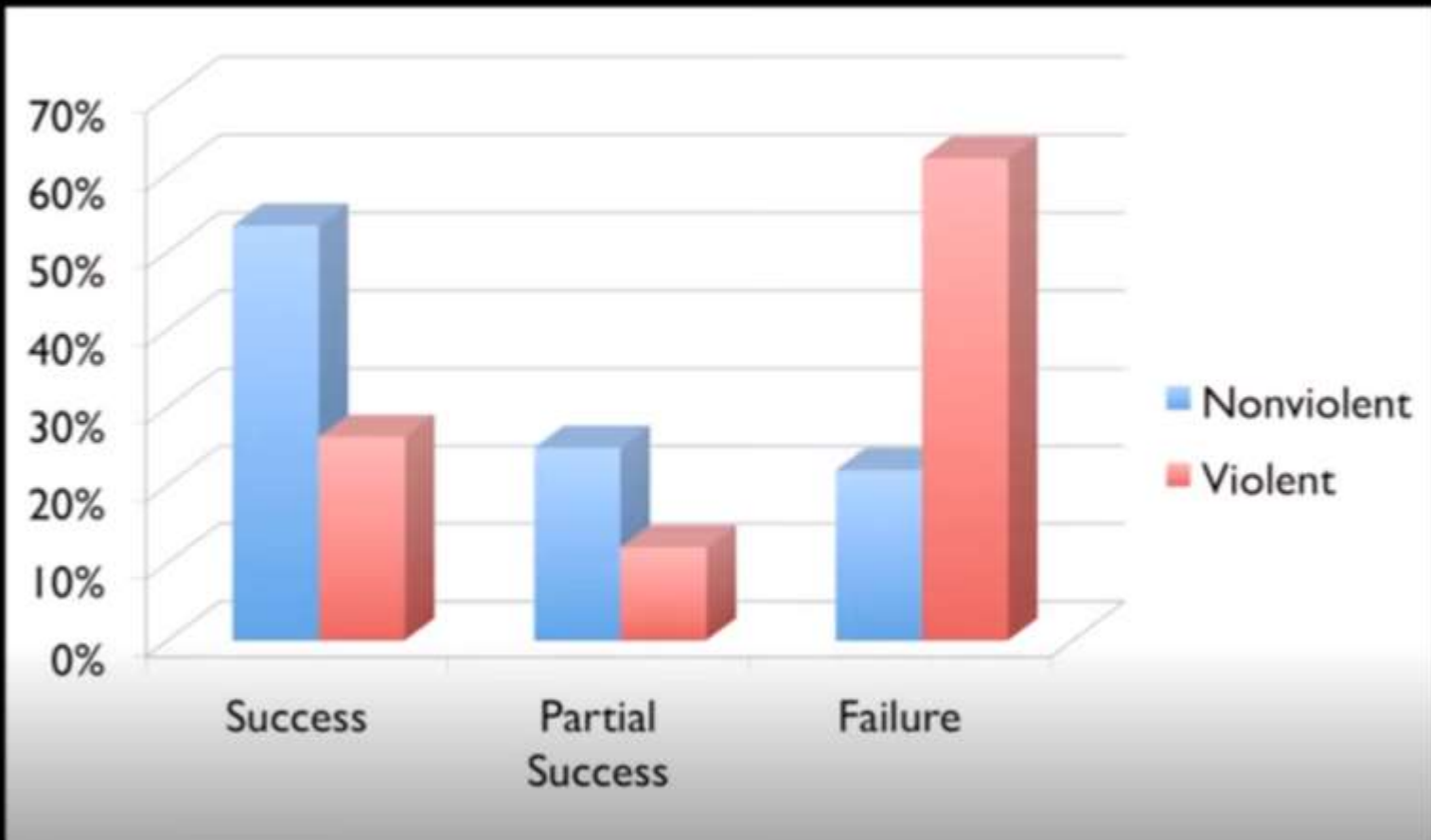
Twitter [@KriteeKanko](https://twitter.com/KriteeKanko)

Gratitude/Grounding practice

Erica Chenoweth's TEDx talk

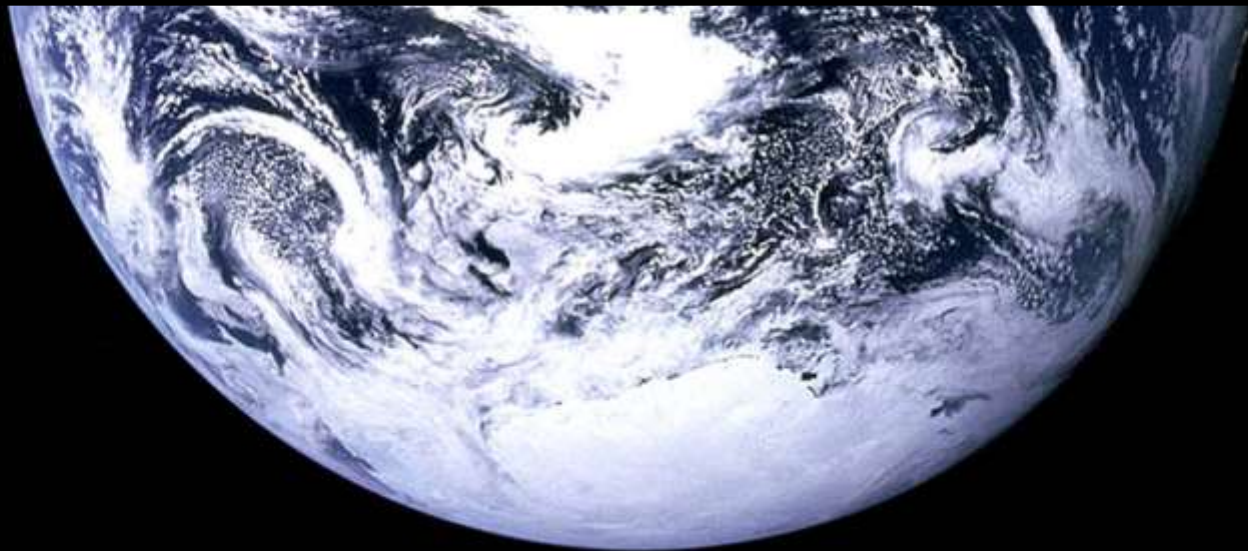
Violence & courage are not same! Violence is not the way out!

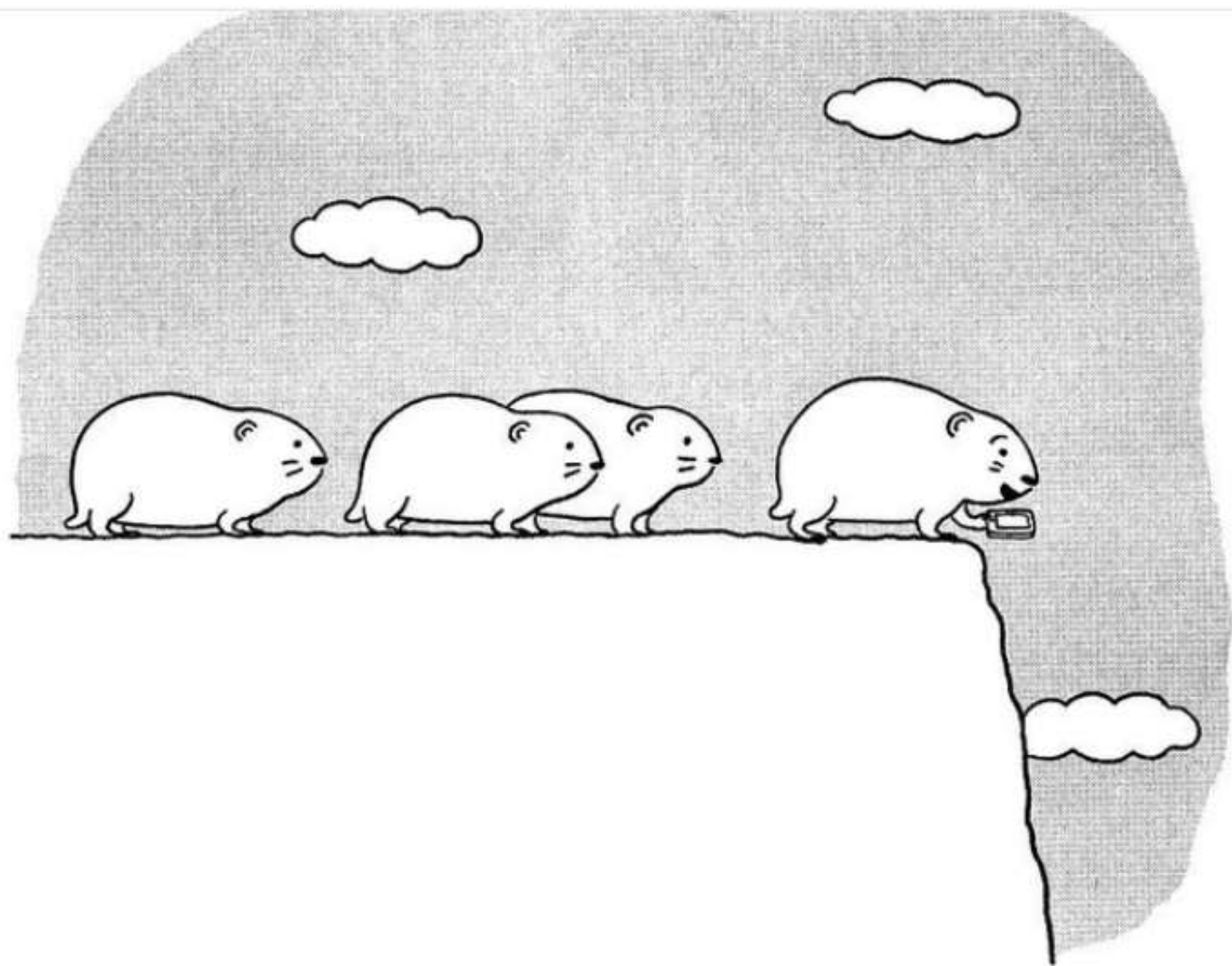
Success Rates of Nonviolent and Violent Campaigns, 1900-2006





Science





m.e. menair

"Hey, I just got my thousandth follower!"

What ultimately makes all life possible?

Thin inter-connected layers

Freshwater

50-100 miles sphere



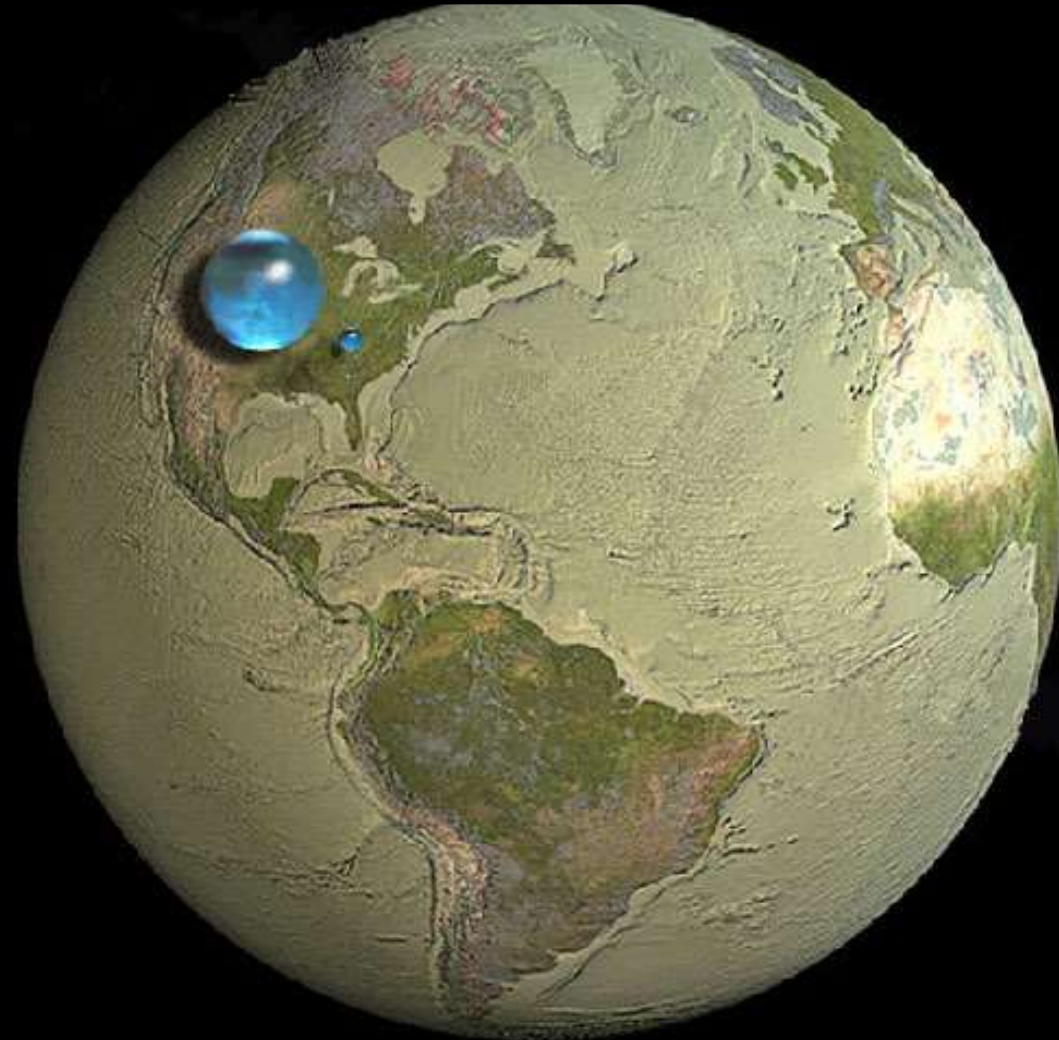
Topsoil:

2-8 inches



Atmosphere:

20 miles



Water in, on, and above the Earth

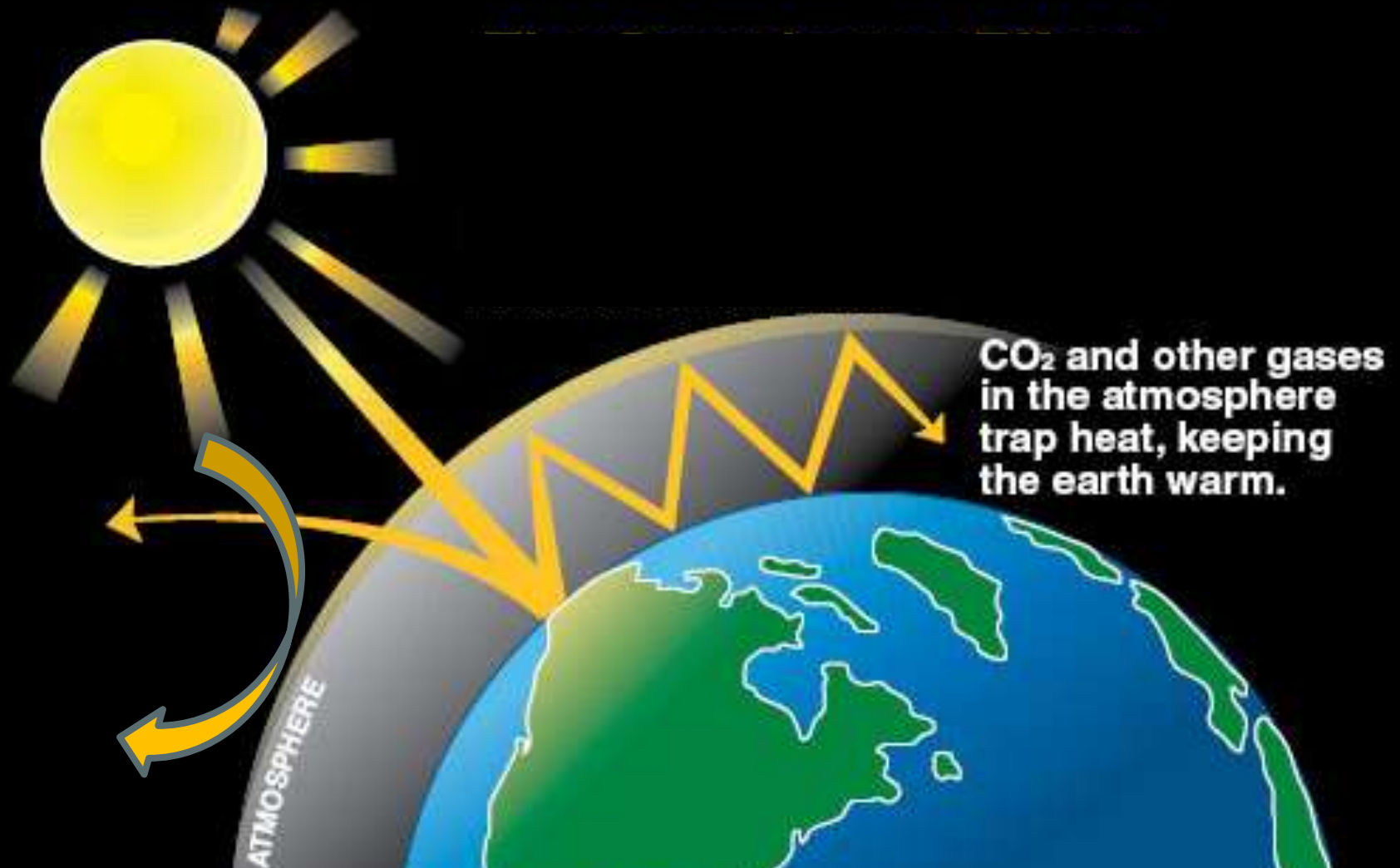


Liquid fresh water

Howard Perlman, USGS
Jack Cook, Adam Nieman

Physics

Greenhouse effect and climate forcings

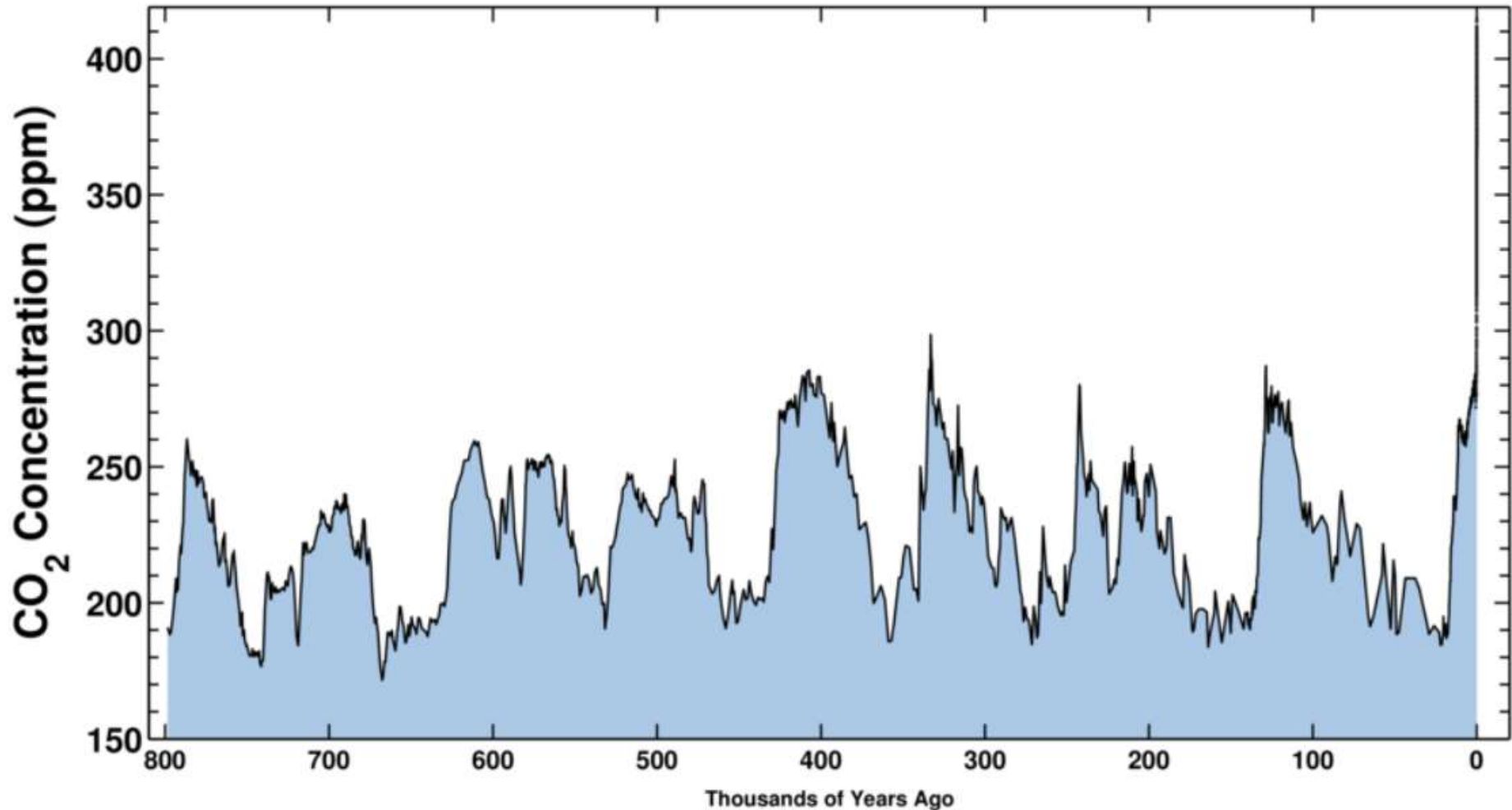


Our planet's atmosphere's EKG

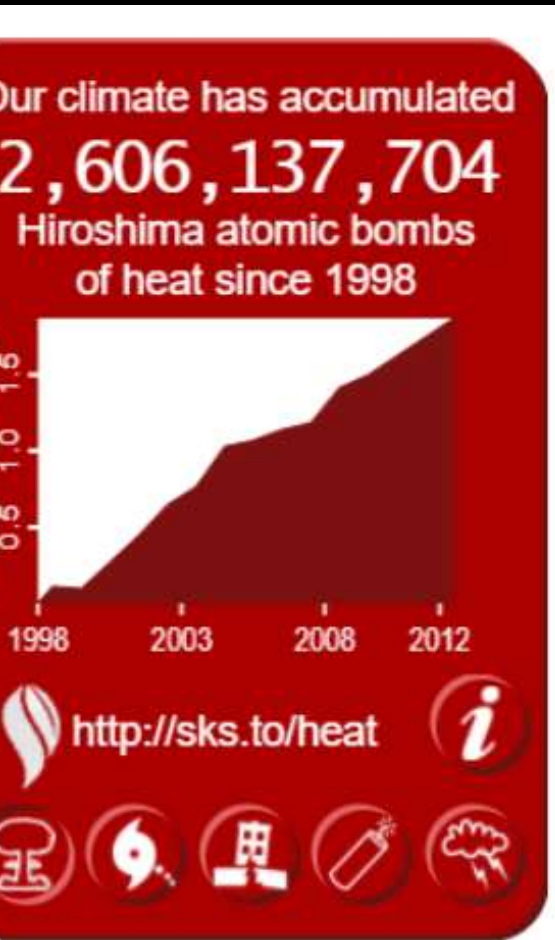
180-280 ppm circle & the 400 ppm tangent

September 26, 2019

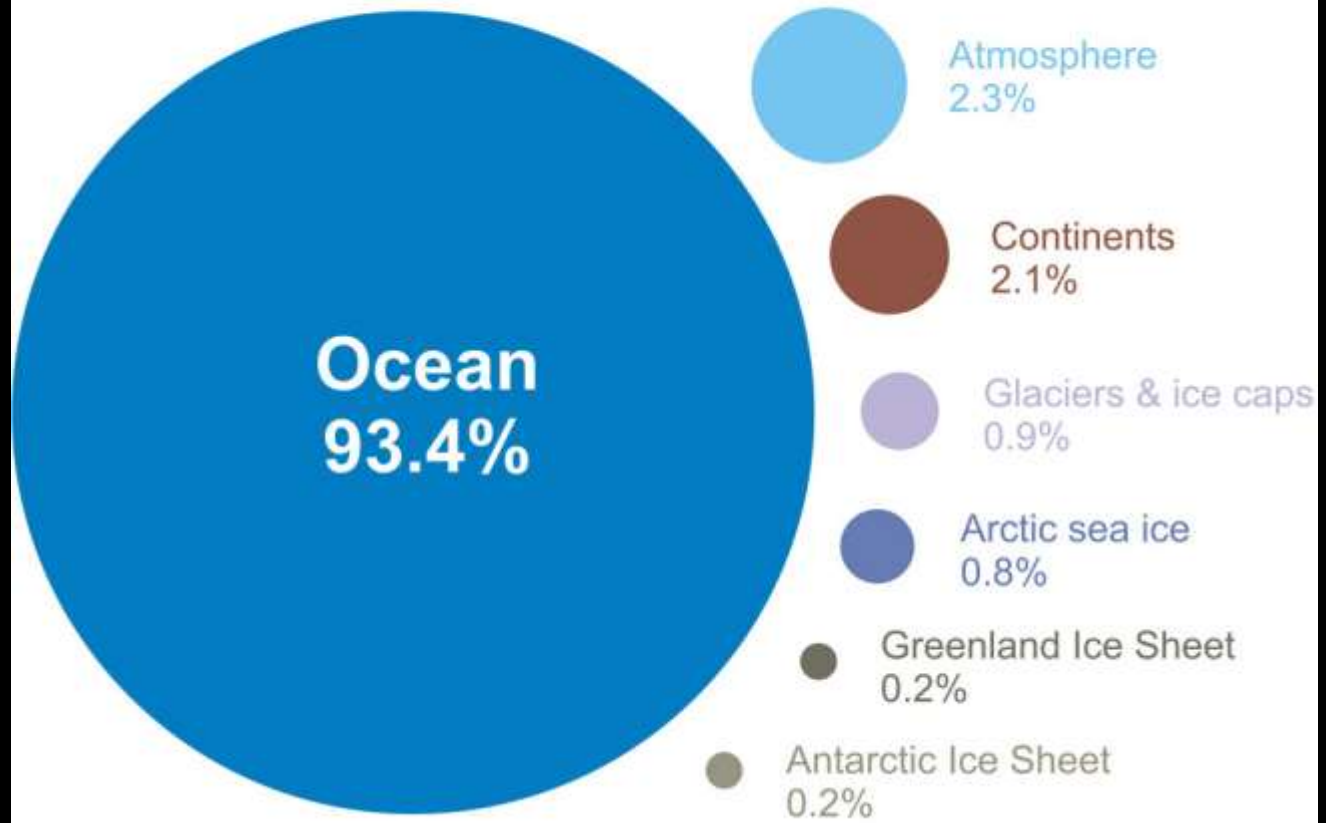
Ice-core data before 1958. Mauna Loa data after 1958.



Heat = 4 atomic bombs per second



Where is global warming going?



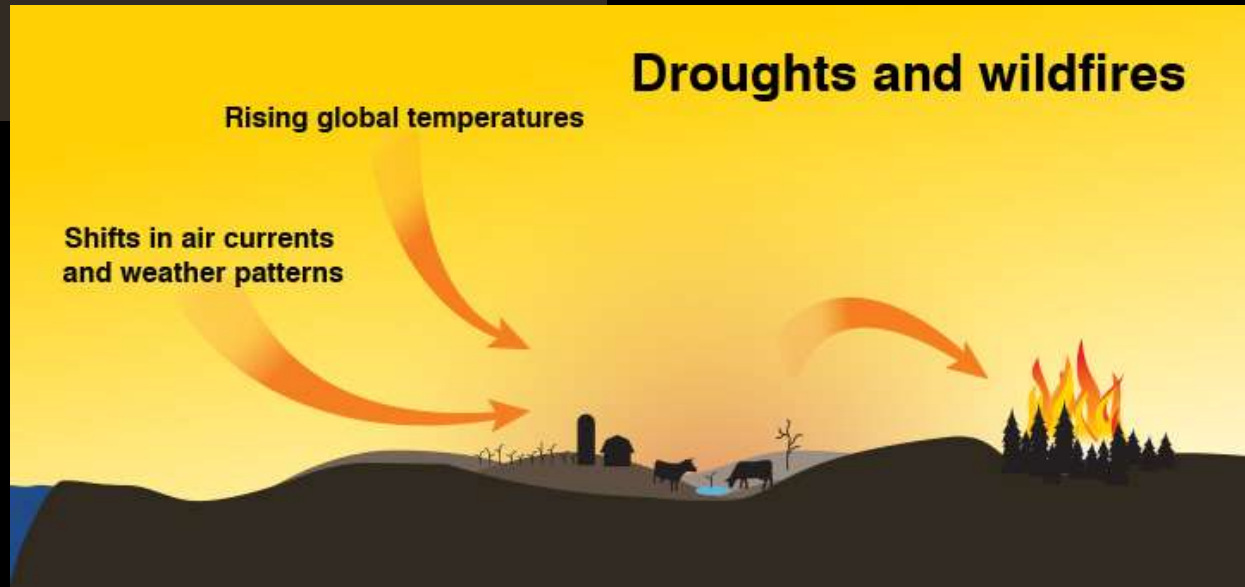
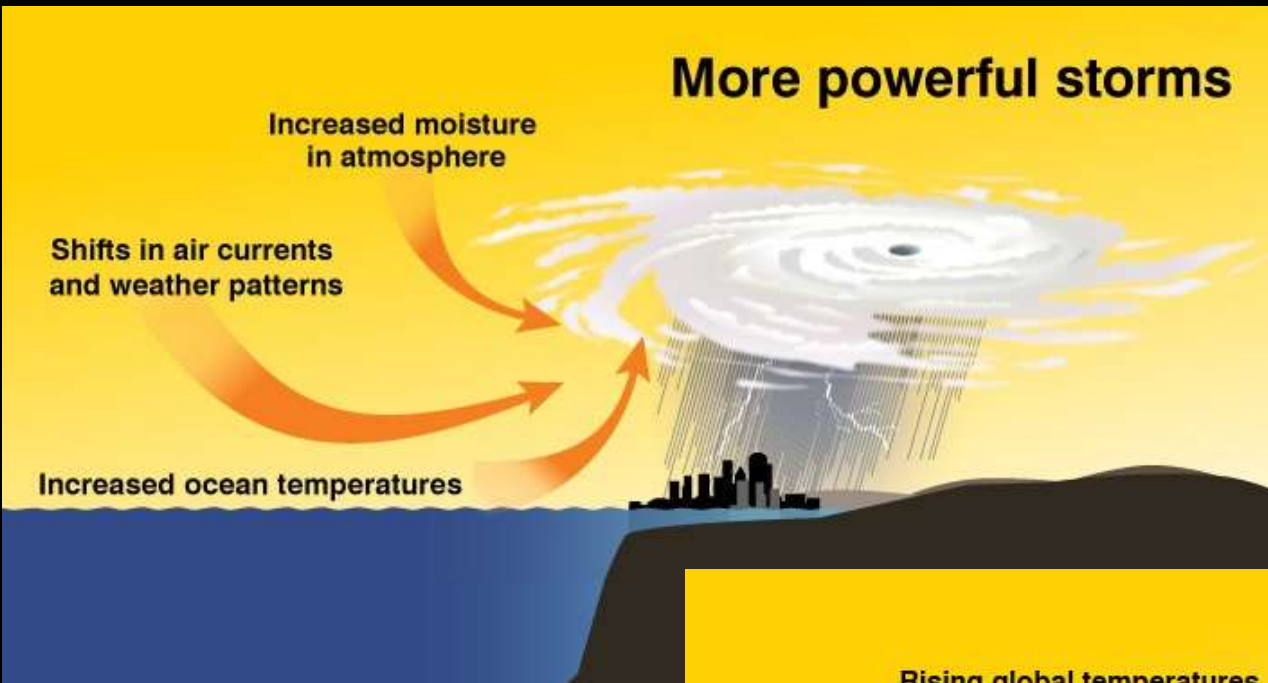
Temperature

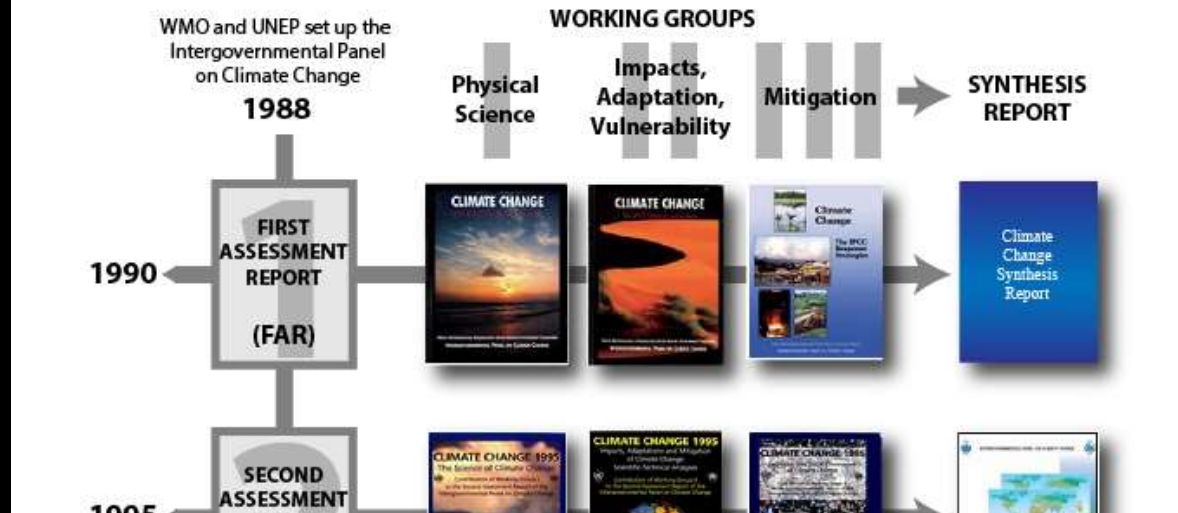
*Heat + Drought +
Fires*



Indirect result

Weather on steroids





IPCC reports in the last year

~195 countries approve summaries line by line

Conservative process





CLIMATE RISKS: 1.5°C VS 2°C GLOBAL WARMING

EXTREME WEATHER

100% increase in flood risk. vs **170% increase** in flood risk.

SPECIES

6% of insects, **8%** of plants and **4%** of vertebrates will be affected. vs **18%** of insects, **16%** of plants and **8%** of vertebrates will be affected.

WATER AVAILABILITY

350 million urban residents exposed to severe drought by 2100. vs **410 million** urban residents exposed to severe drought by 2100.

SEA-LEVEL RISE

46 million people impacted by sea-level rise of 48cm by 2100. vs **49 million people** impacted by sea-level rise of 56cm by 2100.

OCEANS

Lower risks to marine biodiversity, ecosystems and their ecological functions and services at 1.5°C compared to 2°C.

CORAL BLEACHING

70% of world's coral reefs are lost by 2100. vs **Virtually all coral reefs are lost** by 2100.

COSTS

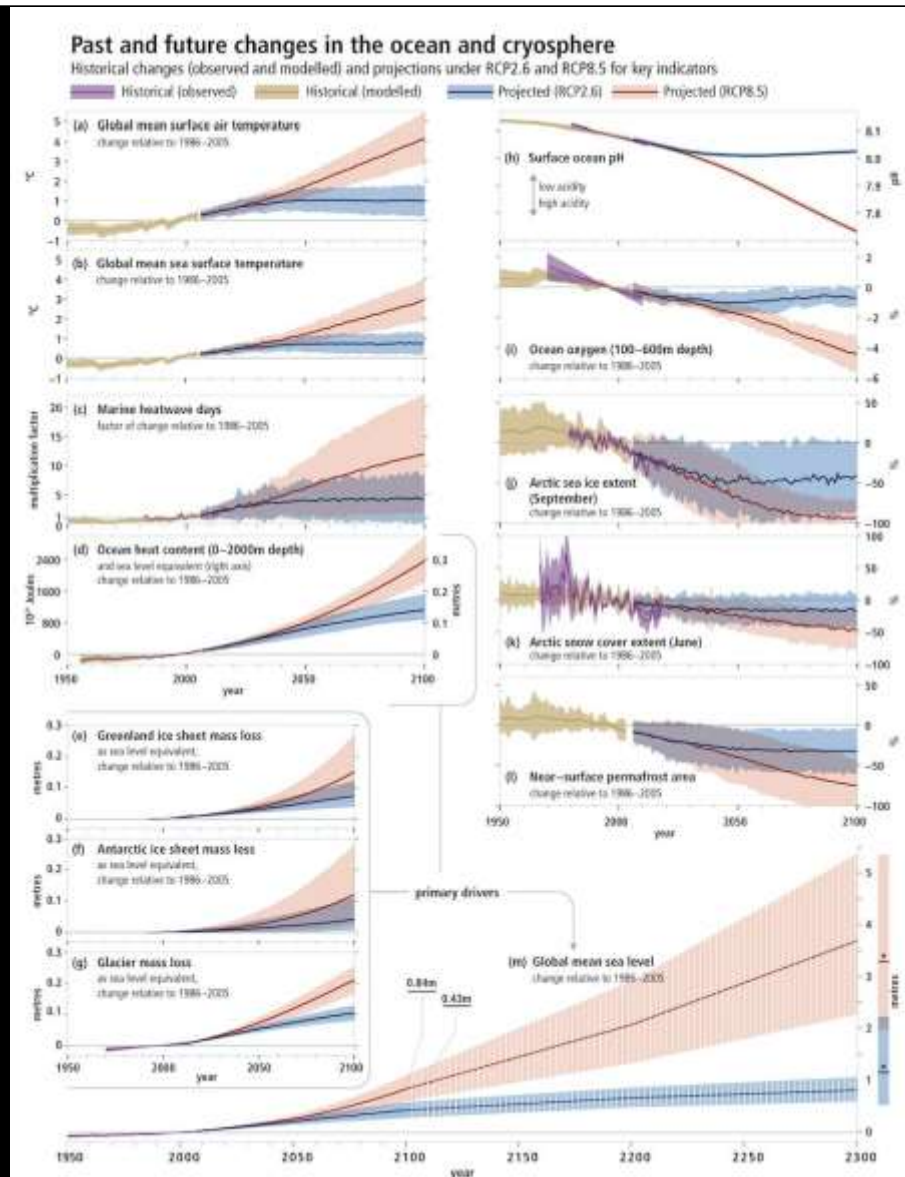
Lower economic growth at 2°C than at 1.5°C for many countries, particularly low-income countries.

FOOD

Every half degree warming will consistently lead to lower yields and lower nutritional content in tropical regions.

Best case scenario also means a lot of loss

Recent special report on oceans



Soundscapes



MATTER

Birds Are Vanishing From North America

The number of birds in the United States and Canada has declined by 3 billion, or 29 percent, over the past half-century, scientists find.



theguardian.com/environment/2019/feb/10/plummeting-insect-numbers-threaten-collapse-of-nature

Insects

This article is more than 7 months old

Plummeting insect numbers 'threaten collapse of nature'

Damian Carrington
Environment editor

@dpcarrington

Sun 10 Feb 2019 18.00 GMT





IMPLICATIONS FOR BIODIVERSITY OF GLOBAL WARMING: 2°C

One ice-free
Arctic summer
per
10 YEARS

Limiting warming to
1.5°C rather than 2°C

**OCEAN
ACIDIFICATION**
will further impact the
growth, development,

18% 8% 16%
insects vertebrates plants
with further impacts
on ecosystem function

ALPINE SPECIES
adaptation to warmer
temperatures limited
by mountain height
and habitability

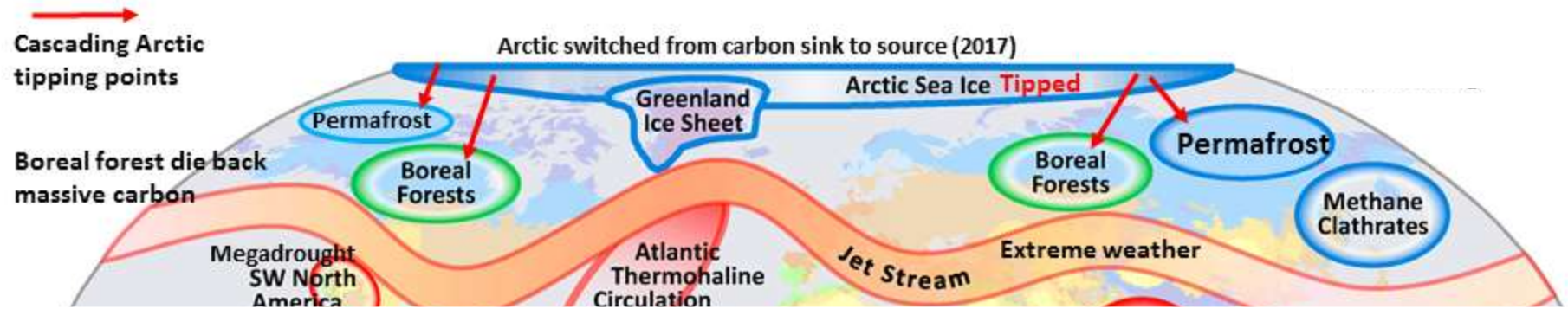
**One million plant and animal species on the verge
of extinction because of us**

100%
decline of
CORAL REEFS

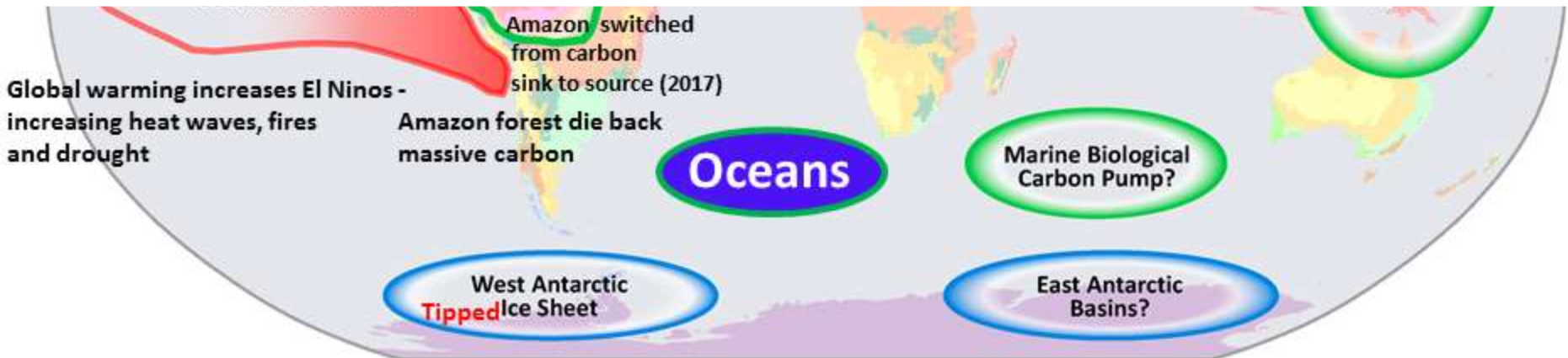
Timing of
phenological events
could change more
for primary
consumers than
higher trophic levels

Global Warming Vulnerable Tipping Points

- Cryosphere Entities
- Circulation Patterns
- Biosphere Components



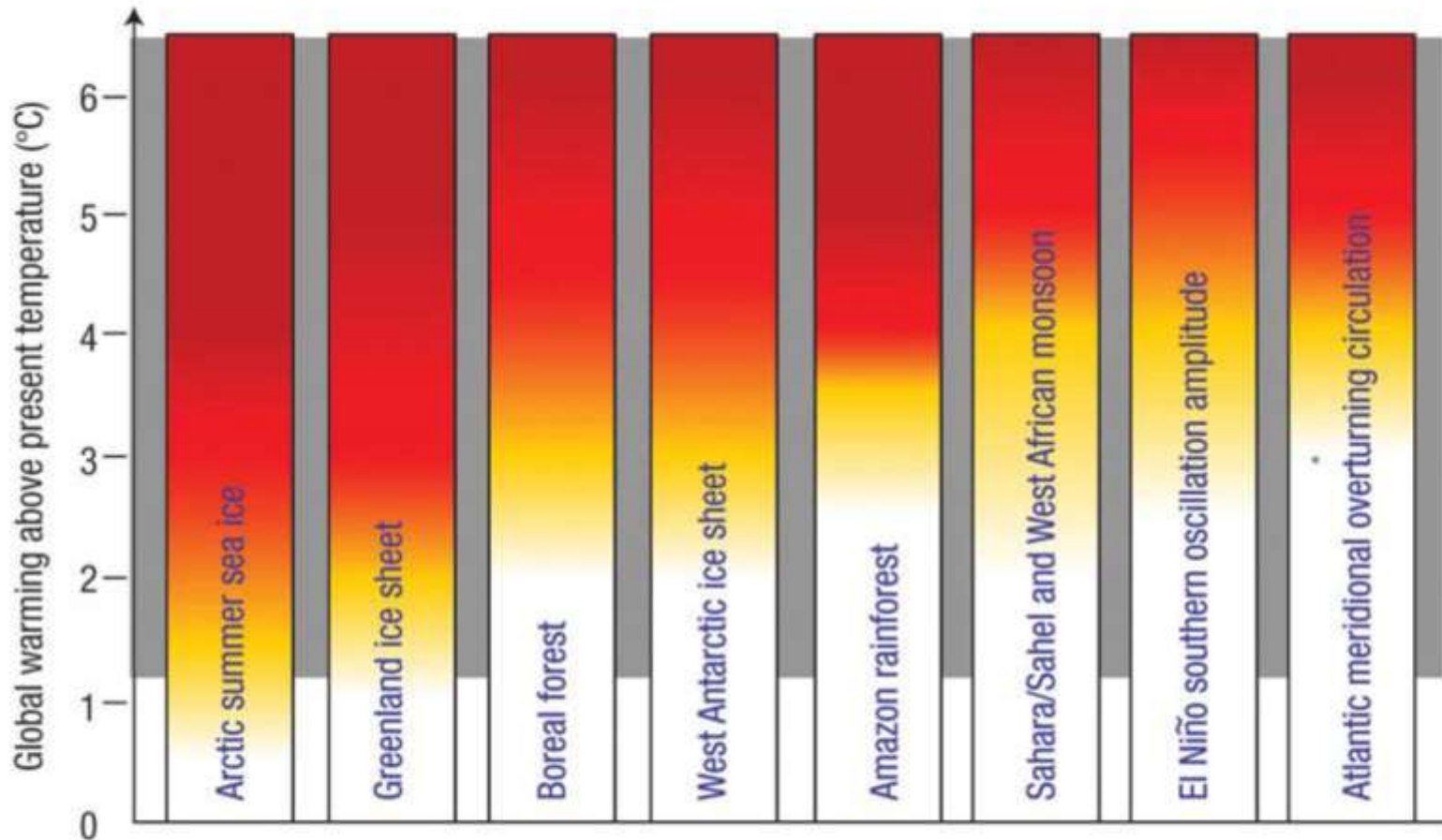
Lungs & heart are hurting but no single tipping point



Adapted from Potsdam Climate Institute
Tipping Elements the Achilles Heels
of the Earth System

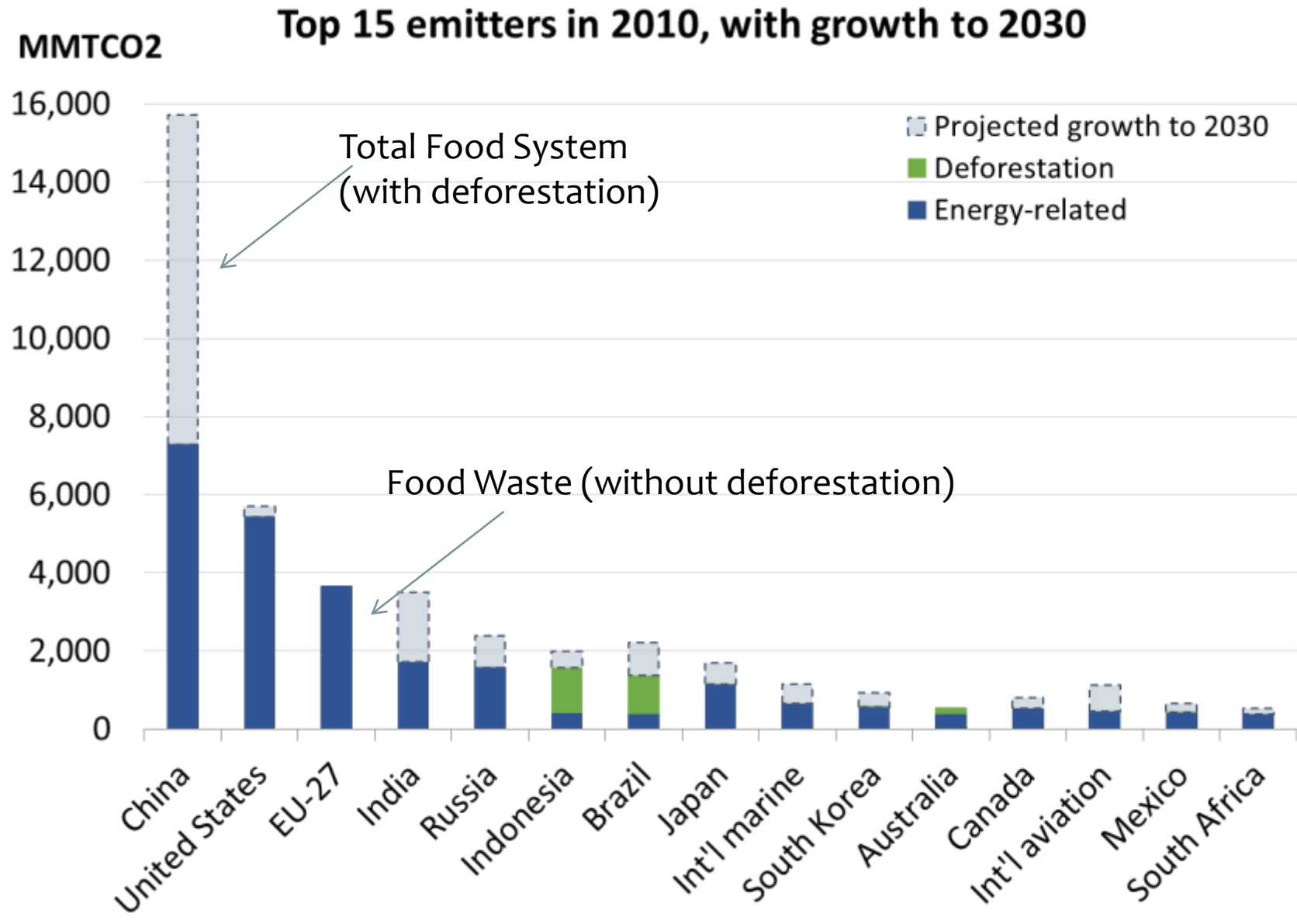
Is it too late?

There are multiple tipping points. We still have a lot to work for.

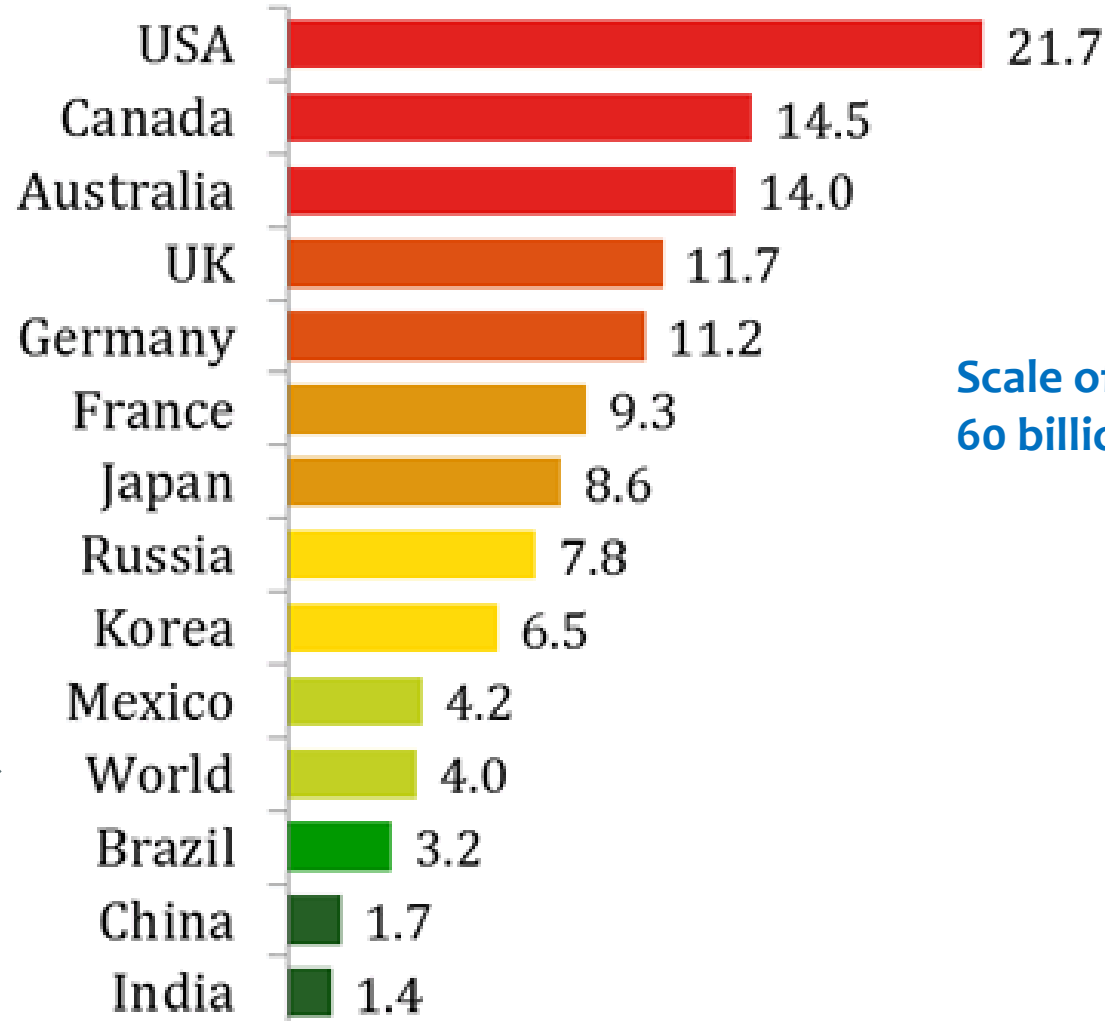


Effect of increasing temperature on Earth's life-sustaining features and processes, from a NRCC Commentary)

What countries produce most GHGs



Personal Carbon Footprints: t CO₂e (2001)



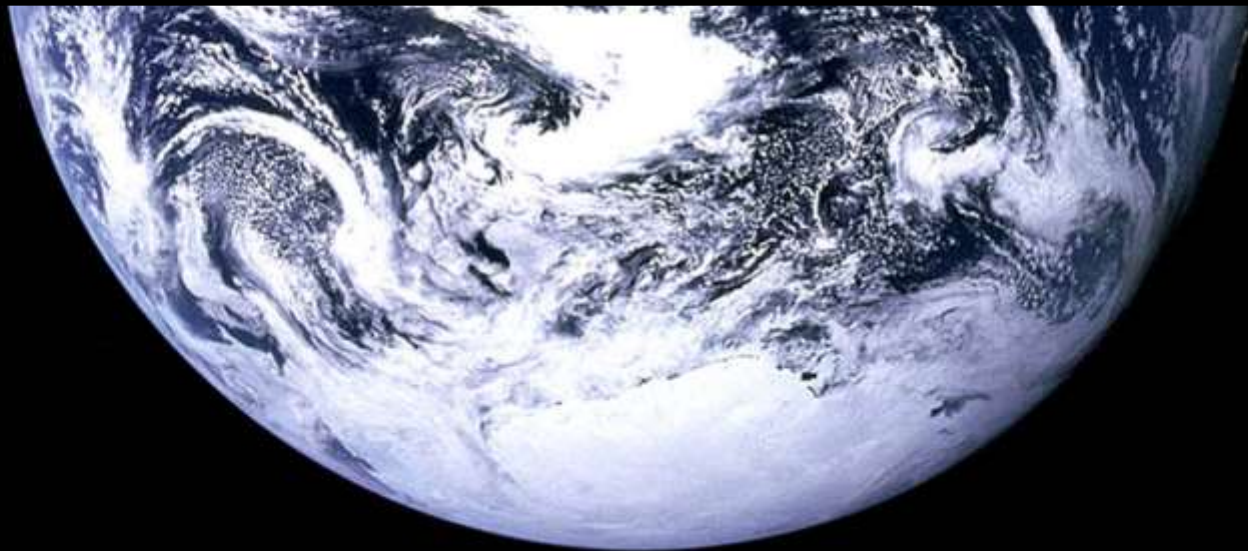
Scale of problems:
60 billion tons.


Note: The personal carbon footprint represents the combined emissions from personal consumption, including housing, travel, food, product and service emissions. It excludes capital, government and land use emissions.

Sources: Hertwich & Peters 2009



Ethics & Equity





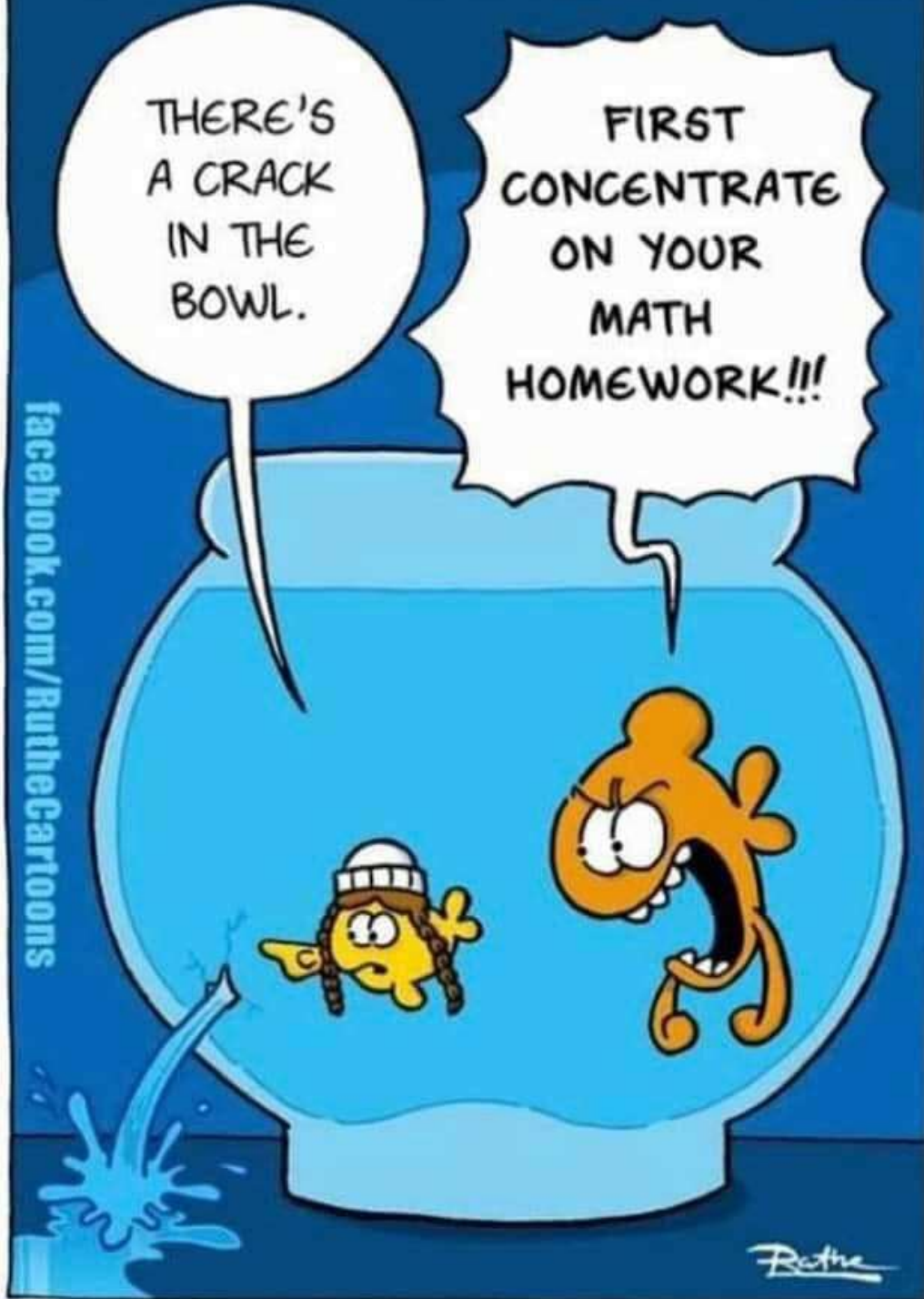
1.5°C
TO STAY
ALIVE



THERE'S
A CRACK
IN THE
BOWL.

FIRST
CONCENTRATE
ON YOUR
MATH
HOMEWORK!!!

facebook.com/RuthCartoons

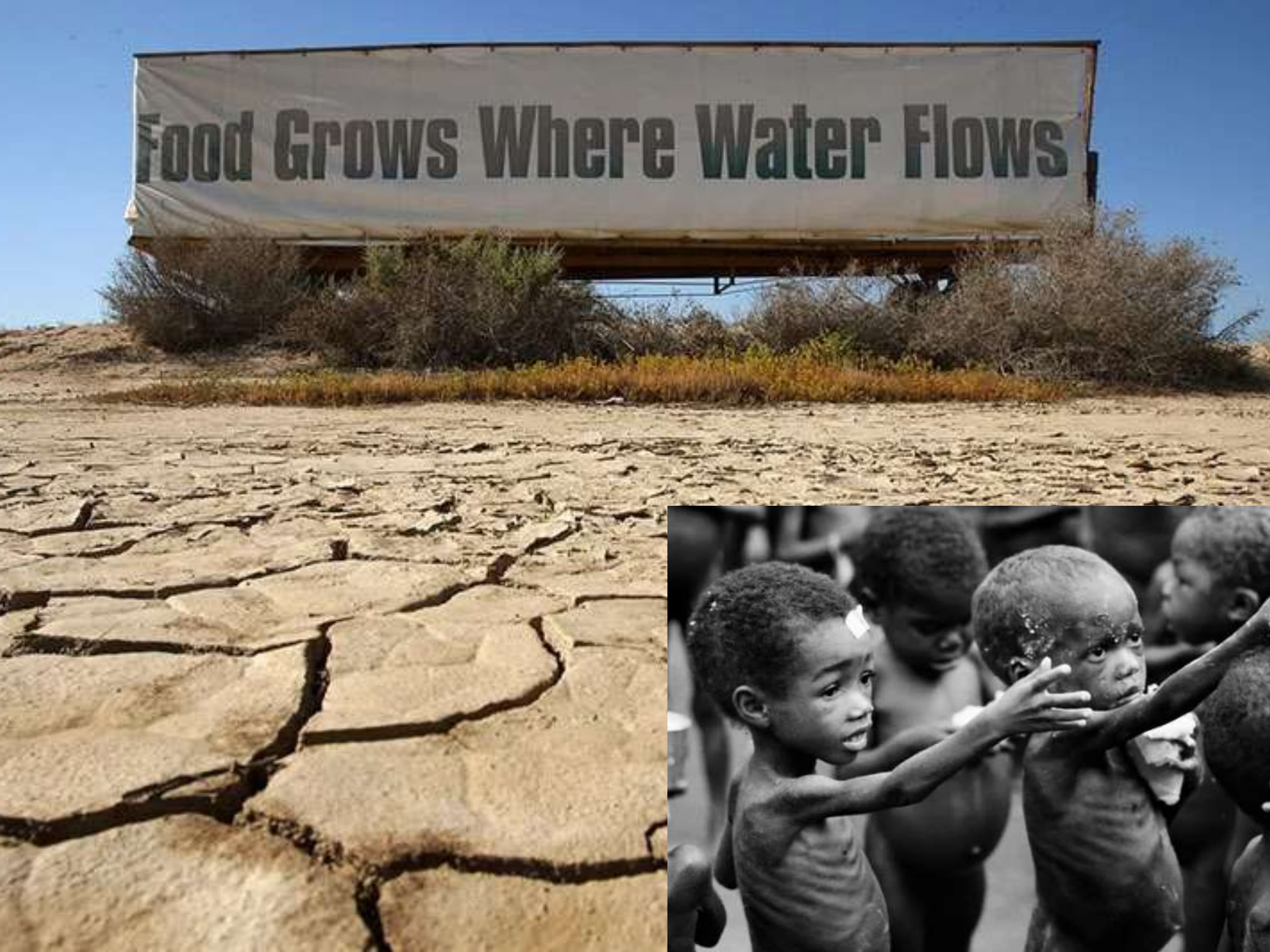


Why millennials are facing the scariest financial future of any generation since the Great Depression.

BY MICHAEL HOBBS

WOMEN WALK FOR HOURS TO REACH A WELL





Food Grows Where Water Flows

Dalit Man Digs Well In 40 Days After His Wife Was Caste Shamed *And his well is “open to all”*







Climate change in the Fertile Crescent and implications of the recent Syrian drought

Colin P. Kelley^{a,1}, Shahrzad Mohtadi^b, Mark A. Cane^c, Richard Seager^c, and Yochanan Kushnir^c

Author Affiliations

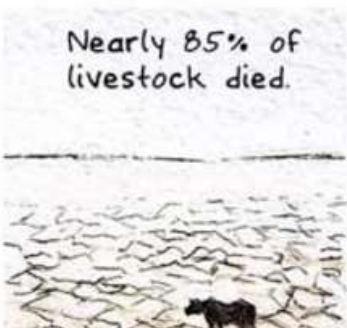
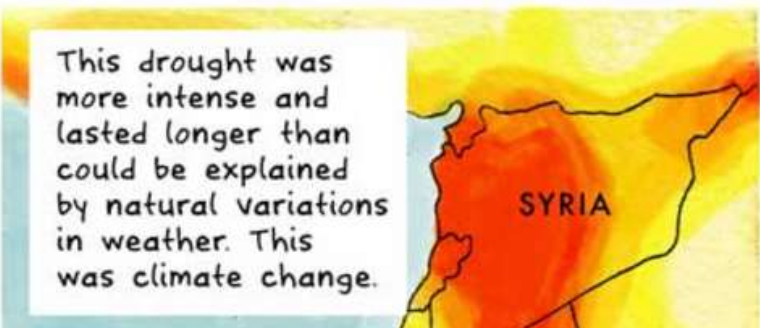
Syria's Climate-Fueled Conflict, In One Stunning Comic Strip  

Edited by Brian John Hoskins, Imperial College London, review November 16, 2014)

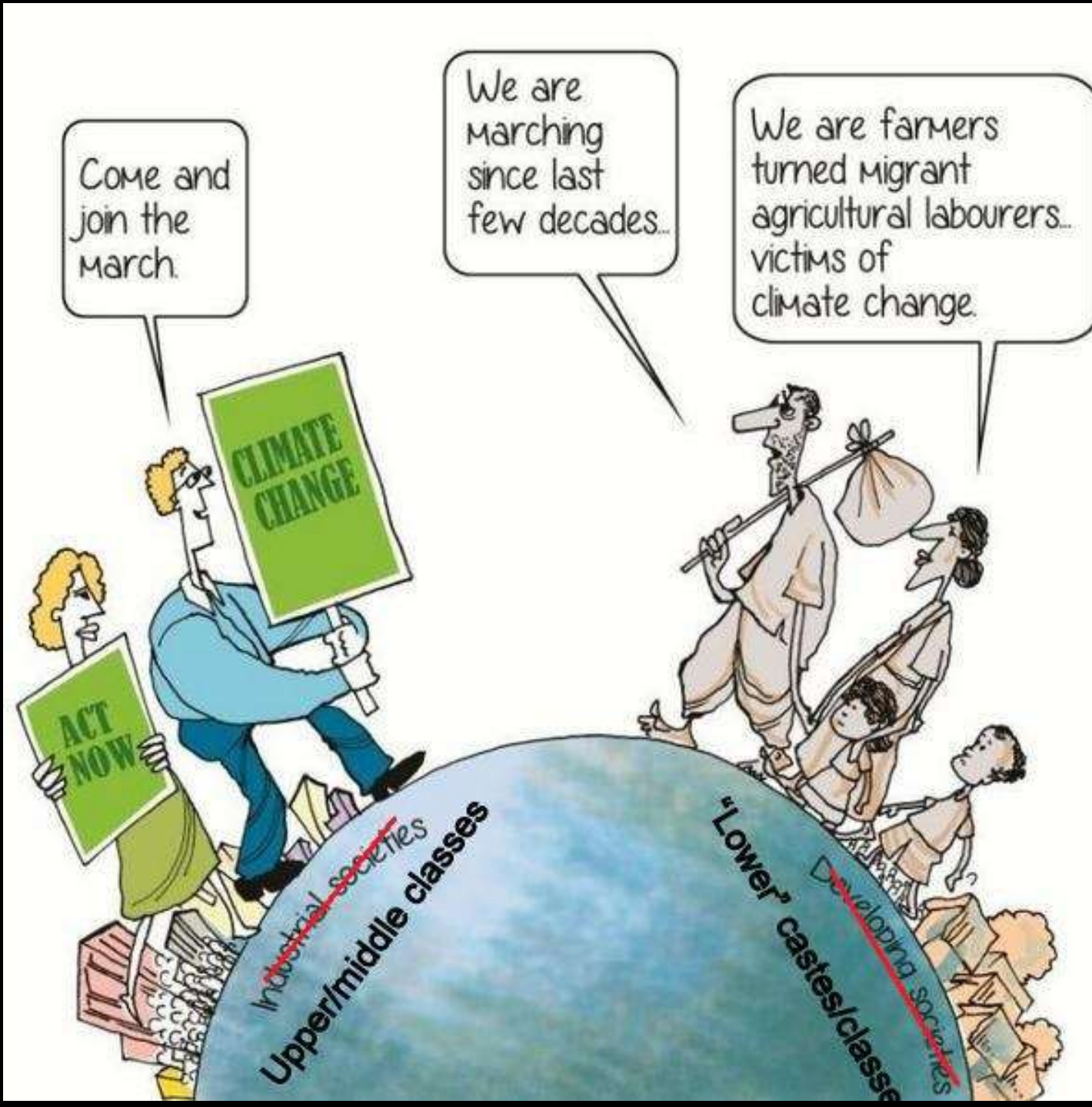
Abstract Full Text Authors

Significance

There is evidence that the drought in the instrumental families to urban centers. Climate pressure, supported by climate increased the probability of a 3-year drought as severe alone. We conclude that human conflict.



Justice



Justice



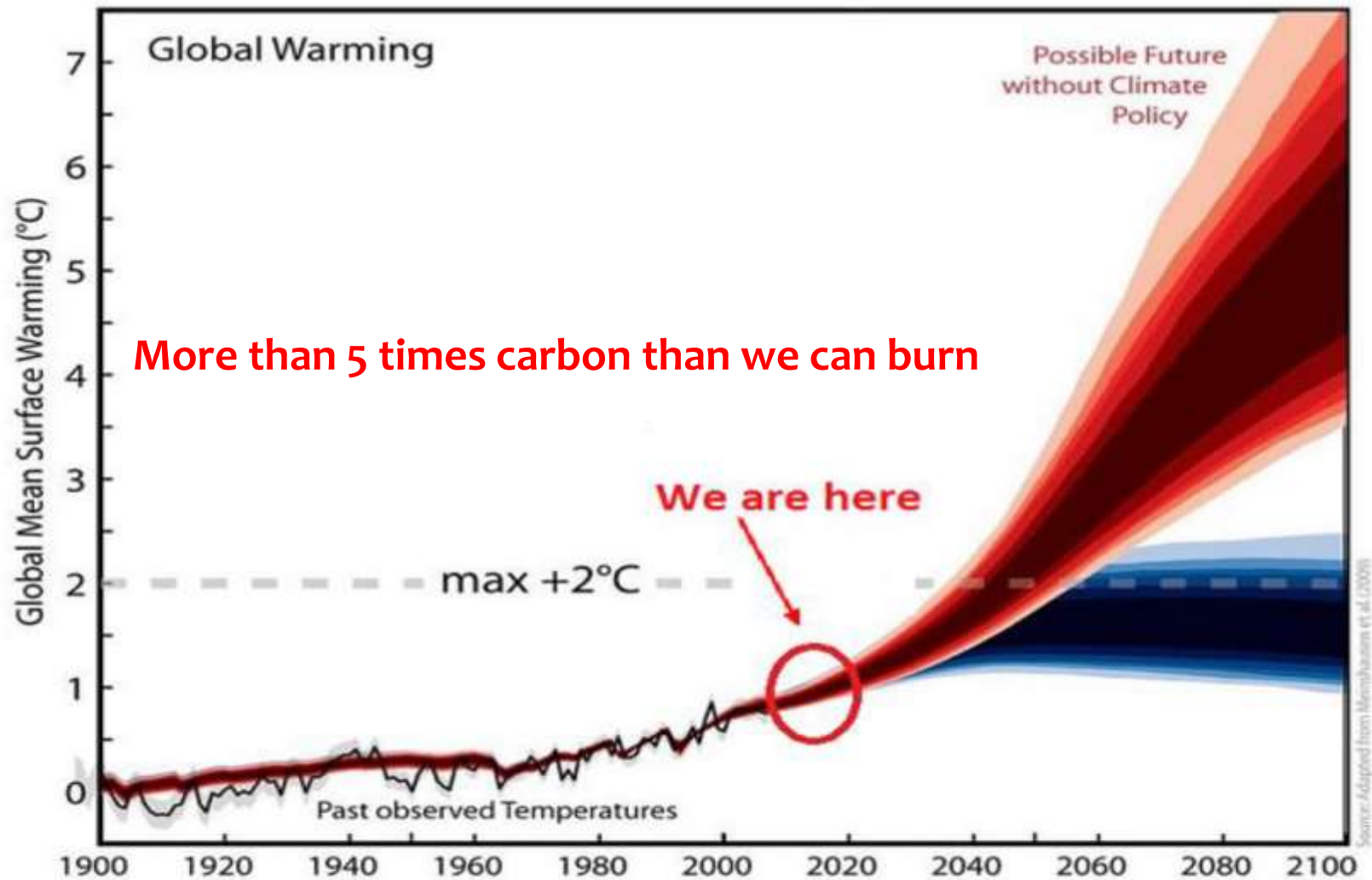
BP oil spill



The image consists of two satellite photographs of Earth, stacked vertically. The top photograph shows a view of the Earth from space, with the horizon visible. It depicts a large landmass, likely Africa, with a prominent river system (the Nile) flowing through it. The surrounding oceans are dark blue, and there are white clouds scattered across the scene. The bottom photograph shows a different view of the Earth, focusing on a large body of water, possibly the Atlantic Ocean. It features a prominent, swirling white cloud pattern, likely a hurricane or cyclone, with a clear eye visible in the center. The surrounding ocean is dark blue, and there are other smaller cloud formations visible.

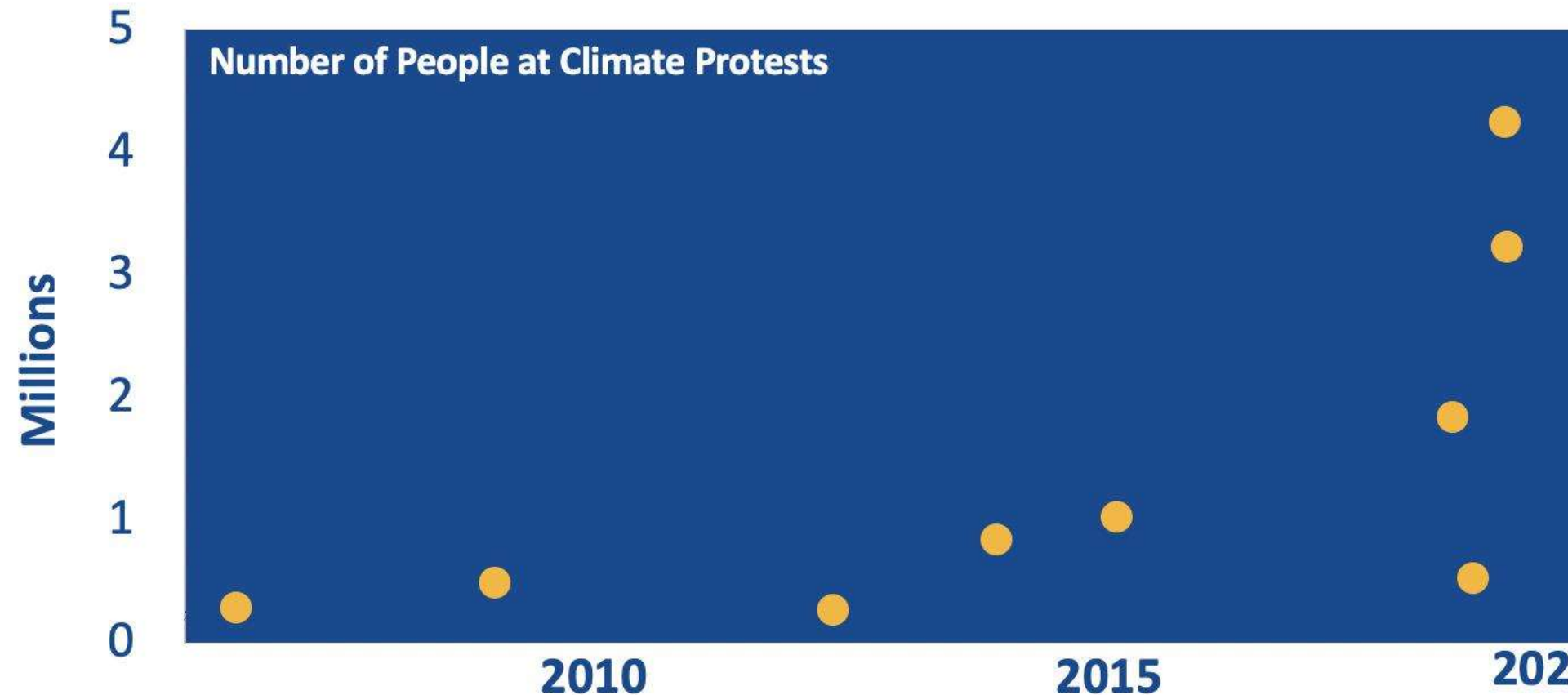
Where can and will we go from here?

Hope and Challenge



(Figure 3: Fork in our global road: How do we get ready to take the blue, safer path?)

Climate movement since 2005



Extinction rebellion + Sunrise movement



There are encouraging signs but the path ahead is going to be very hard

We are not just being asked to do something hard.

“We all need to the seemingly impossible”

-Greta

YTBN Network

A home for those who want it
To scaling spiritual iceberg together!



Strands of network's seed-DNA

Seeds will blossom in different ways over time at different places

- Integral nonviolence and fierce vulnerability
- Climate action as a team to build power : 21 days per year
- Racial healing through reparations (land and money) as a team
- Vocation: Doing what we love for the team
- Emergence: Learning from nature + decentralization
- Deep understanding oppression systems
- Honoring trauma and neuro-biology

Direct action & vocations

21 days of strategic team action to win a campaign

Point of Production – where harmful items are created

Point of Destruction – where resources are extracted, pollution released, natural resources destroyed

Point of Consumption – where products reach consumers

Point of Decision – where plans for the future are crafted

Point of Assumption – where social norms are developed and held

Point of Potential – when cultural or historic moments become actions opportunities



What do we
love doing?

What are our
unique skills?

Ikigai

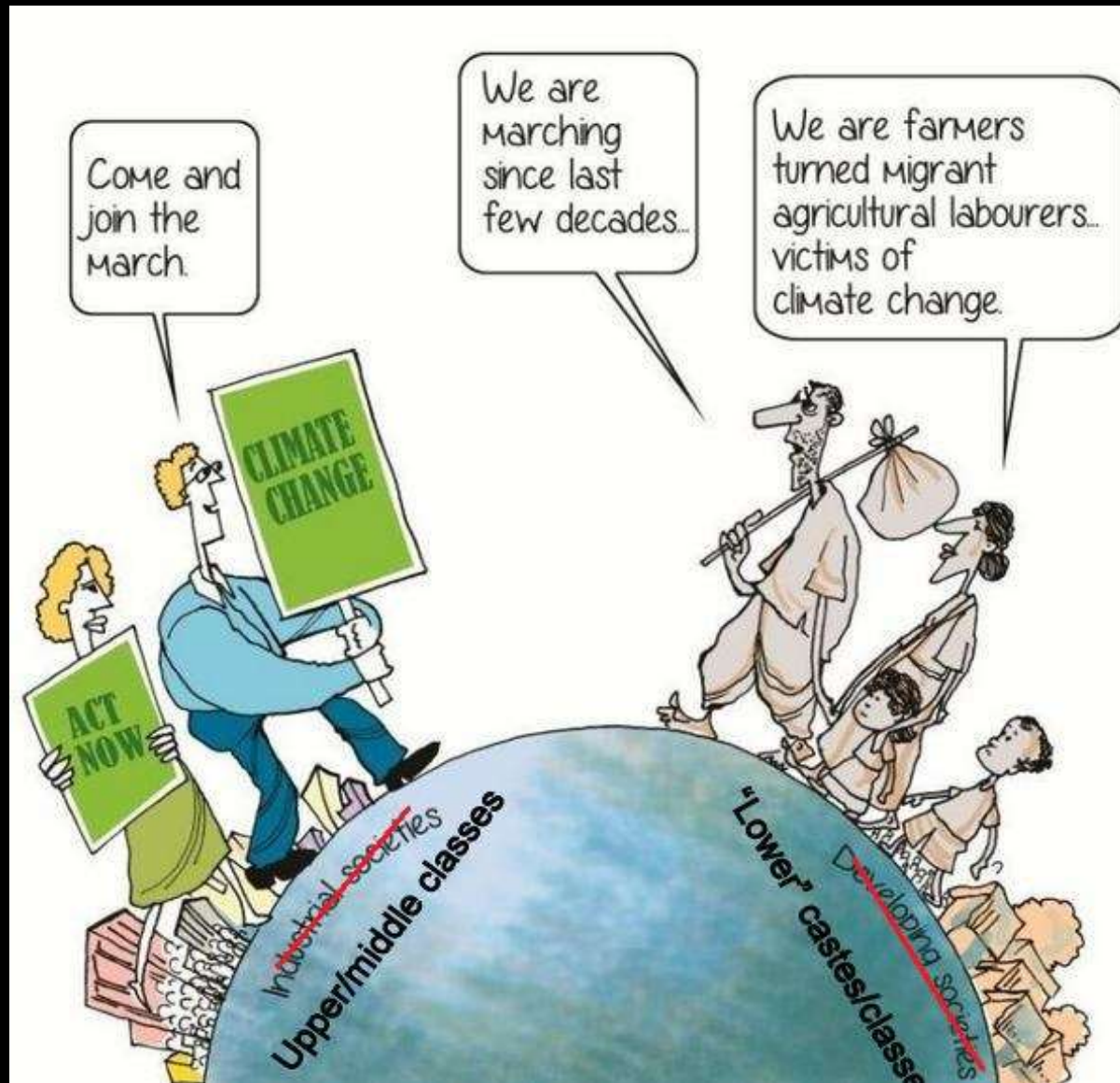
Our unique physical,
financial, psycho-
spiritual needs?

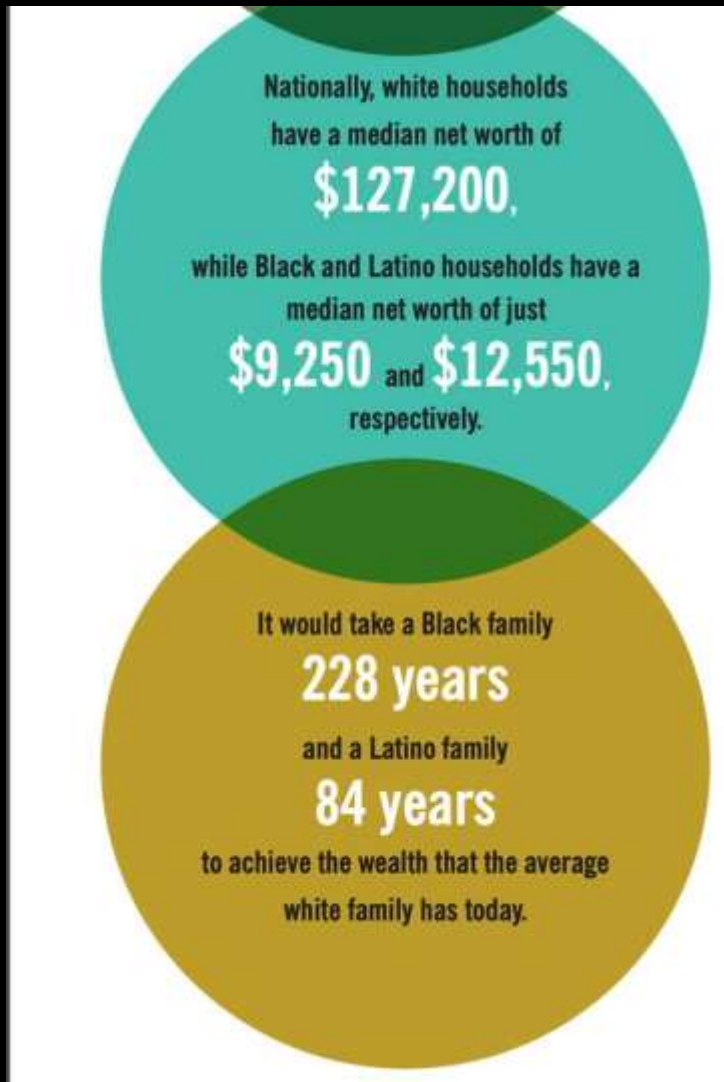
Our local & global
community's needs?

Racial justice & reparations

People of global majority

- Cause least harm
- (will) suffer the most
- Have teachings that we need to face chaos
- Bodies, religion, culture & resources subjugated to create financial wealth in the West.
- “Side dish”
- Have called for reparations



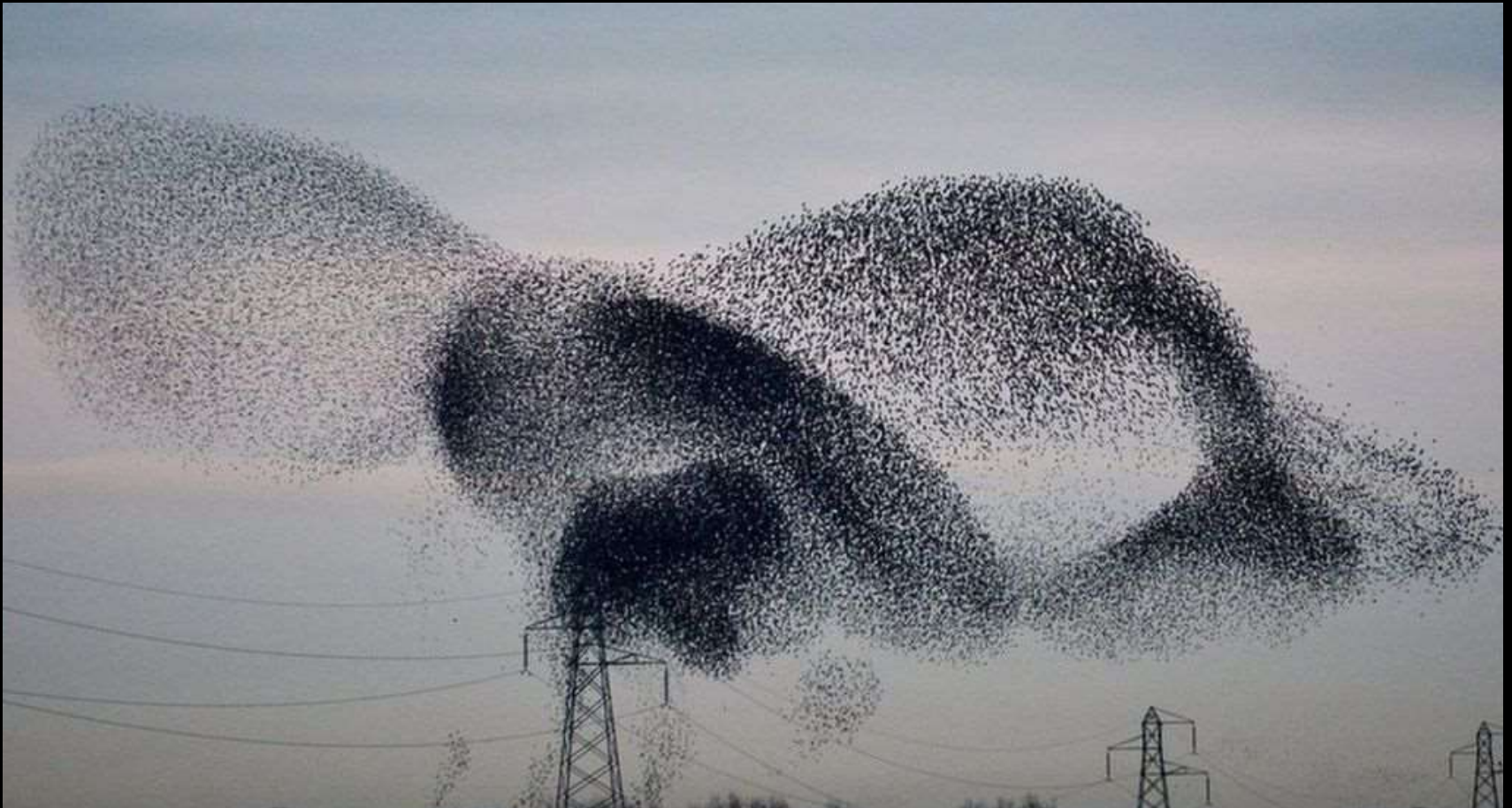


Team reparations + Atonement for racial healing

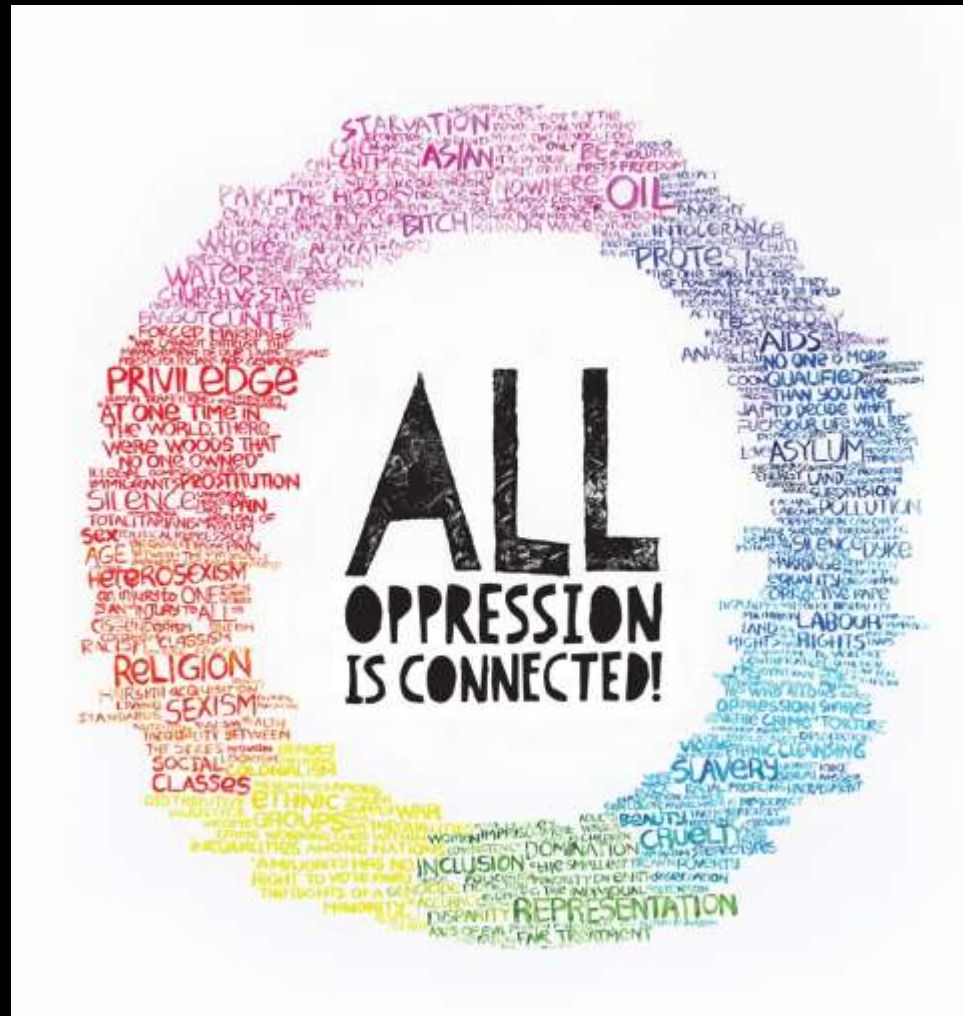
[Video](#)

Emergence (Swarm model)

- Seed or DNA = authority
- No top-down organization
 - Sunrise Movement (Momentum)
 - Extinction rebellion (XR)
 - (e.g., Alcoholics anonymous 12 steps)



Oppression systems: Separate + Control



Domination culture = Separate + Control



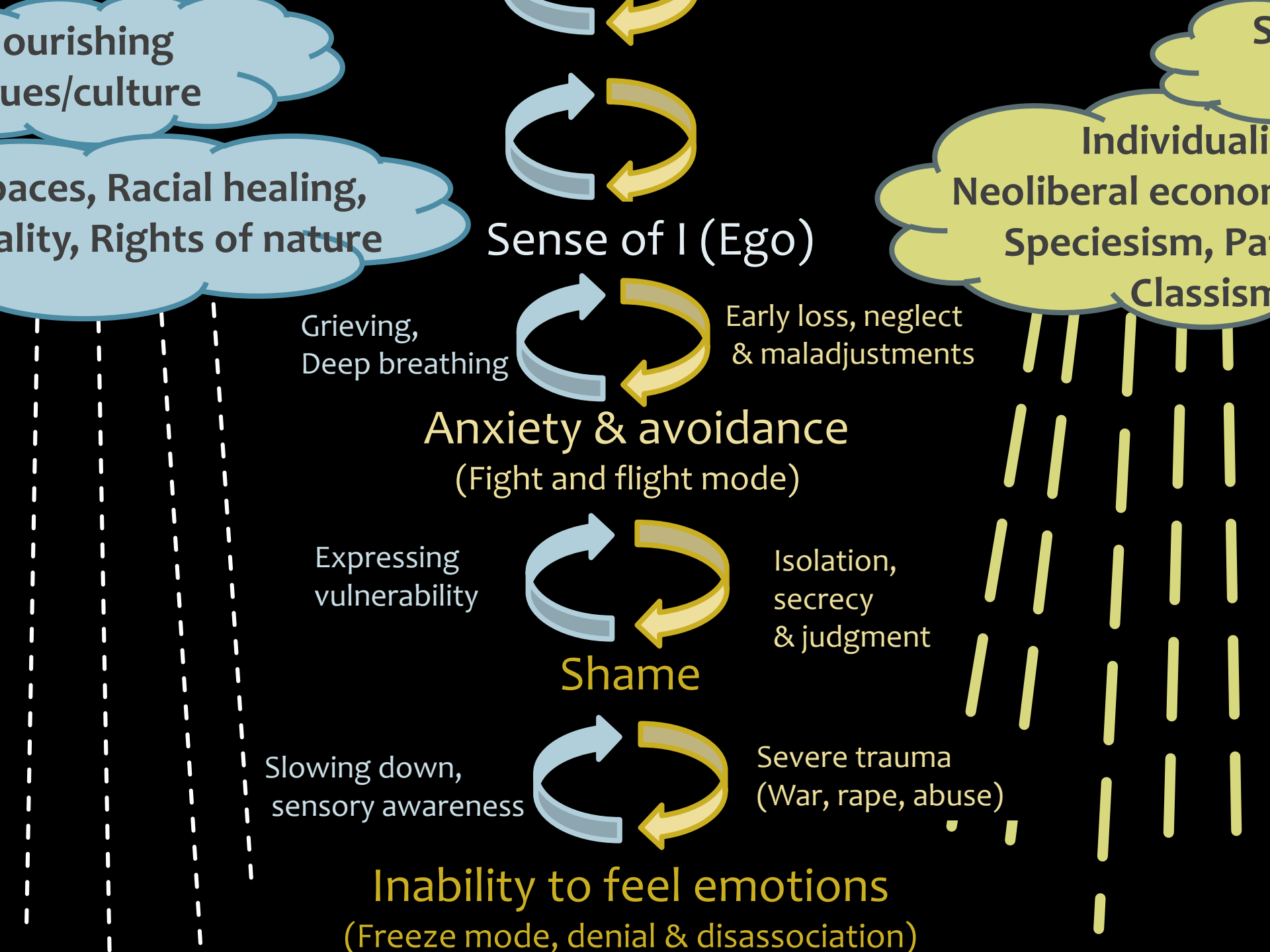
Neoliberal capitalism, Class,
Supremacy of European culture



Sexism,
Speciesism,
Patriarchy

Buddhism 101

Suffering = Delusion of separation





"Prior to reading Gandhi, I had about concluded that the ethics of Jesus were only effective in individual relationship. The "turn the other cheek" philosophy and the "love your enemies" philosophy were only valid, I felt, when individuals were in conflict with other individuals; when racial groups and nations were in conflict a more realistic approach seemed necessary. But after reading Gandhi, I saw how utterly mistaken I was."

Rev. Dr. Martin Luther King Jr.

Fierce vulnerability



Resources

Ecodharma, grief, resilience articles boundlessinmotion.org

Responses to skeptical question skepticalscience.com/

Spiritual/Buddhist responses

- Greenfaith & Interfaith Power & Light
- Joanna Macy
 - Work That Reconnects
 - Paradigm of Great Turning and our role in it

Solutions/advocacy

Personal shrinkthatfootprint.com/

Big Greens edf.org renewables100.org/ 350.org

Climate Disobedience Center

East Point Peace Academy

Jerusalem Farm

New Community Project -Vine & Fig

Cultural Catalyst Network

Evening Star Farm

Joyfield Farm

Possibility Alliance

Lynice Pinkard

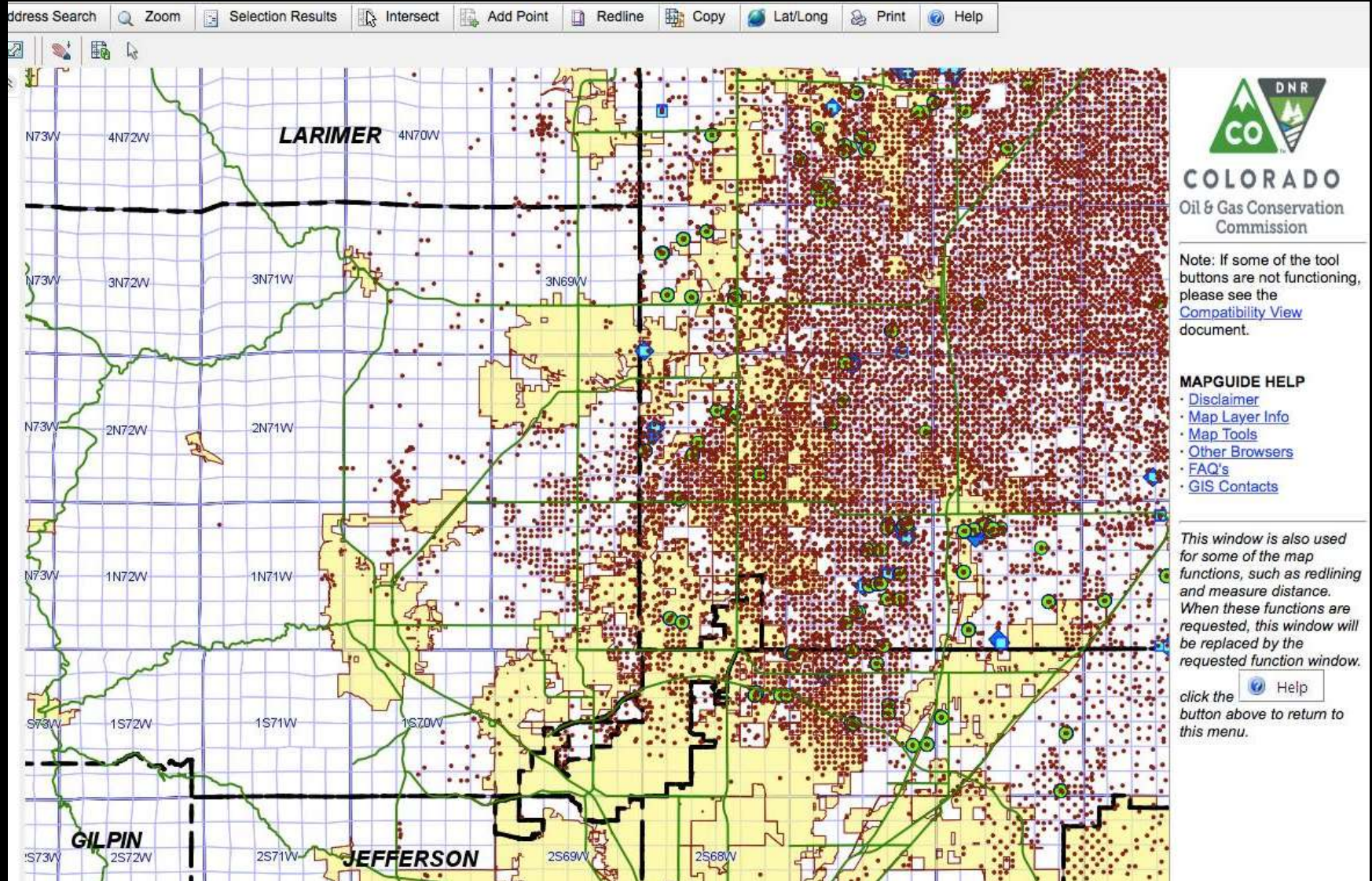
To what extent does any one of us identify with the forces of domination and participate in relations that reinforce that domination and the exploitation that goes with it? In what ways and to what extent are we wedded to our own upward mobility, financial security, good reputation, and ability to "win friends and influence people" in positions of power? Or conversely, do we identify (by identify by putting our lives on the line) with efforts to reverse patterns of domination, empower people on the margins (even when we are not on the margins ourselves), and seek healthy, sustainable relations?"

EXTRA SLIDES

**(NOT USED IN
THIS LECTURE)**

**We worked hard for 1.5 years
&
failed to limit fracking in
Colorado**

Rape of mother Earth in Boulder, Colorado



May 2017
Meditate-pray the frack out of Boulder



A woman with curly hair, wearing a straw hat and a black long-sleeved shirt, is sitting in a meditative lotus position on a pink blanket in a grassy field. She is holding a white rectangular sign in front of her chest. The sign has the text "The Future of All Life Depends on Our Mindful Steps" written in black, handwritten-style capital and lowercase letters. To her left, a black bag is lying on the grass. The background is a field of green grass with some small yellow flowers.

The Future
of All Life
Depends on
Our Mindful Steps

Meditate-pray the frack out of Boulder



Greta and youth

Sept 2018: Greta's strike one year ago in Sweden



"Somebody's got to do it."





NEW YORK CITY



HAMBURG



AUSTRALIA



LONDON



LOS ANGELES



INDONESIA



SAN FRANCISCO



NORWAY



PARIS

**CLIMATE STRIKE: WHEN THE WHOLE
WORLD COMES TOGETHER TO
SAVE THE WHOLE WORLD**

What happened in last week of September 2019!

[HTTPS://WWW.YOUTUBE.COM/WATCH?TIME_CONTINUE=2&V=ZA-S4P4BWQY](https://www.youtube.com/watch?time_continue=2&v=ZA-S4P4BWQY)

Greta “Shame on you” video

<https://www.youtube.com/watch?v=TMrtLsQbaok>

Greta and George Monbiot video

<https://www.youtube.com/watch?v=-Q0xUXo2zEY>

Nail and Hammer.

Nonviolence

Activism that heals....



My roots -- My grandpa



"One can not play safe and hope that a corrupt system will change itself. To weaken the cycle of corruption, it is essential that wise & courageous individuals step out of it and build public opinion even if it involves physical and financial harm". - Babuji

Lawyer, Gandhian, National leader: moolchandjain.org

Satyagraha = Asserting Truth



Grandpa with Vinoba Bhave, Gandhi's foremost satyagrahi

Psycho-spiritual basis for a path forward

(Neglecting any one of this tripod's legs is not wholesome...)



Emergence

Murmuration of starlings

Posted by Linda Robinson



<HTTPS://WWW.FACEBOOK.COM/LINDA.ROBINSON.9404/VIDEOS/10160054878540092/UZPFSTUWODMoMTG2OTOX MDE1NJI0MJMXNTGZNJG3MA/?Q=STARLINGS>



What is our psychological + spiritual need?

Ability to act in the midst of paradoxes

Unyielding when oppressed vs yielding when privileged

Expressing grief-anger vs resilience & courage

Things getting better and better vs worse and worse

Living in joy/gratitude vs distraction & complacency

Community's wisdom-resilience vs dogma-conservatism

Urgency vs panic

Resignation vs patience

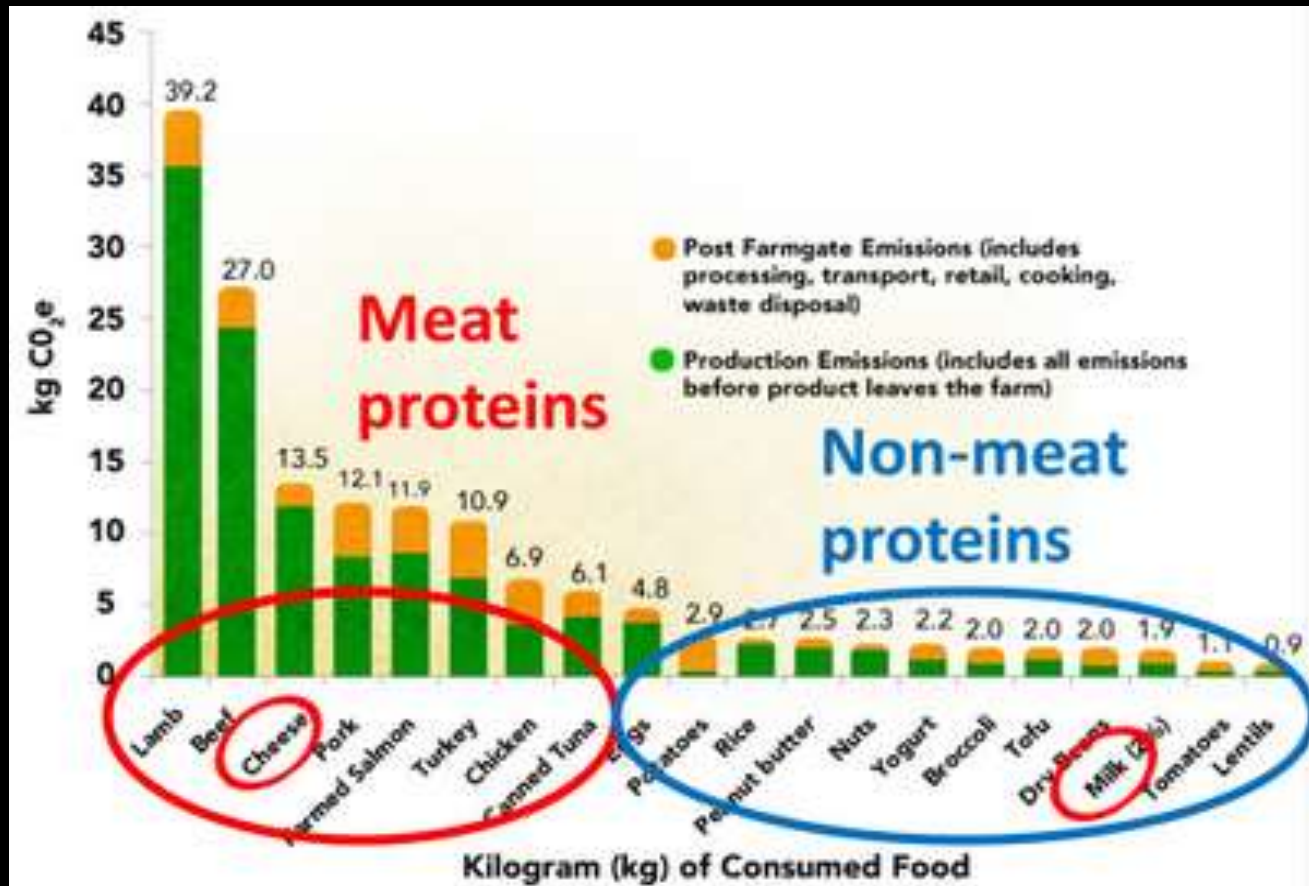
Expressing uniqueness vs being in community

Being in the moment vs recognizing history/trajectory

Education vs intellectualization

SHIFTING DIETS AND REDUCING WASTE

- **Food waste:** ~25 % of the world's food calories and 50 % of total food weight are lost or wasted before they can be consumed. (**Rich vs. poor**).
- Today ~55% of the world's crop calories feed people
 - 36% to livestock
 - 9% turned into biofuels and industrial products.
- For every 100 calories of grain we feed animals,
 - 40% as milk,
 - 22 % eggs,
 - 12 % chicken
 - 10% pork, or
 - 3% beef.



Methane & ongoing Extinction

Please see this video online
(not attached to powerpoint)

<https://www.youtube.com/watch?v=sRGVTK-AAvw>

Trump's Executive Order: More Fossil Fuels, Regardless of Climate Change

Energy and Environment

One of the most troubling ideas about climate change just found new evidence in its favor

Scientists understood the climate 150 years ago better than the EPA head today

Trump has launched a blitzkrieg in the wars on science and Earth's climate

Trump's anti-science budget, anti-climate executive orders, and general disdain for scientific expertise come at a bad time

Executive order to effectively withdraw from Paris climate treaty

Missions

Galleries

NASA TV

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March 22, 2017

Sea Ice Extent Sinks to Record Lows at Both Poles



Arctic sea ice appears to have reached on March 7 a record low wintertime maximum extent, according to scientists at NASA and the NASA-supported

Naropa peace studies class notes

Roadblocks for activists

Root causes of problems

- Us vs them
- Lack of nature connection
- Level of ignorance about science & scale of problems
- Lifestyles
- Extractive economy
- Lack of connection with ourselves
- Aversion to suffering
- Psychic numbing
- Power structures
- Egotistical
- Value systems
- Individual actions don't matter
- Industrialization

- Bodily harm
- Financial harm
- Loss of relationships
- Sadness/grief
- Privileged NIBMY and lack of action on global issues
- Lack of education on law/power
- What is our YES?
- Privatized info/media
- Hierarchy

Path ahead + Solutions

- Step into wilderness
- Urban permaculture
- Mass civil disobedience
- Reconnect and bridge-building with family/friends
- Personal empowerment/meditation
- Sacred communication
- Art of community building
- Sacrifice/courage
- Strategic education

What sectors produce GHGs?

