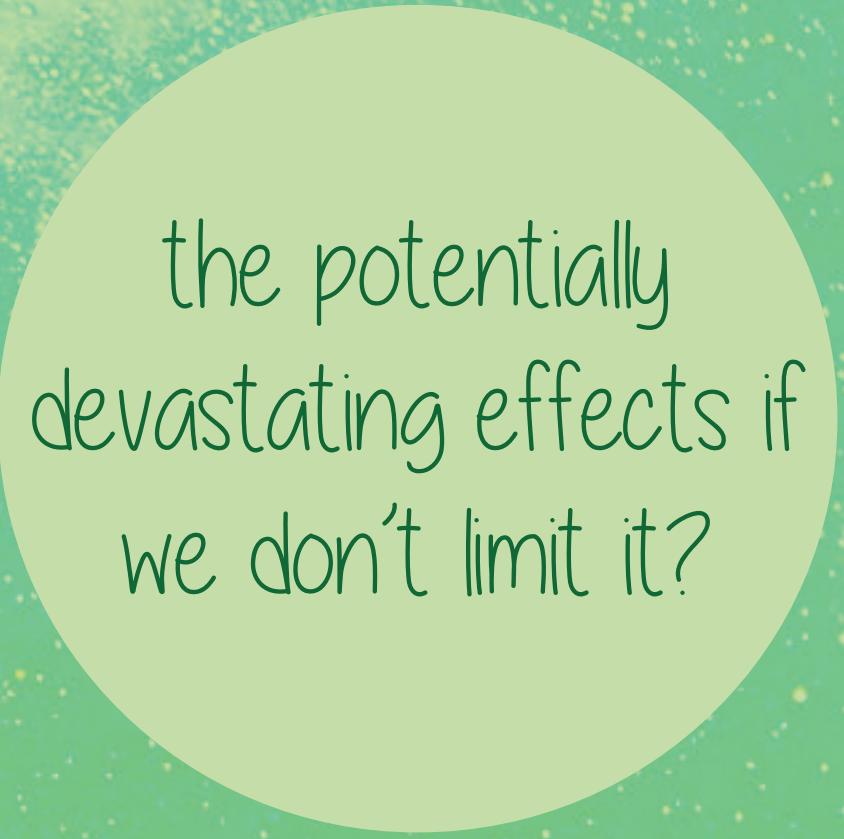


If Only the World...



Bree Dorman

What if we live in a
society where everyone is
concerned about
the change in the
climate &



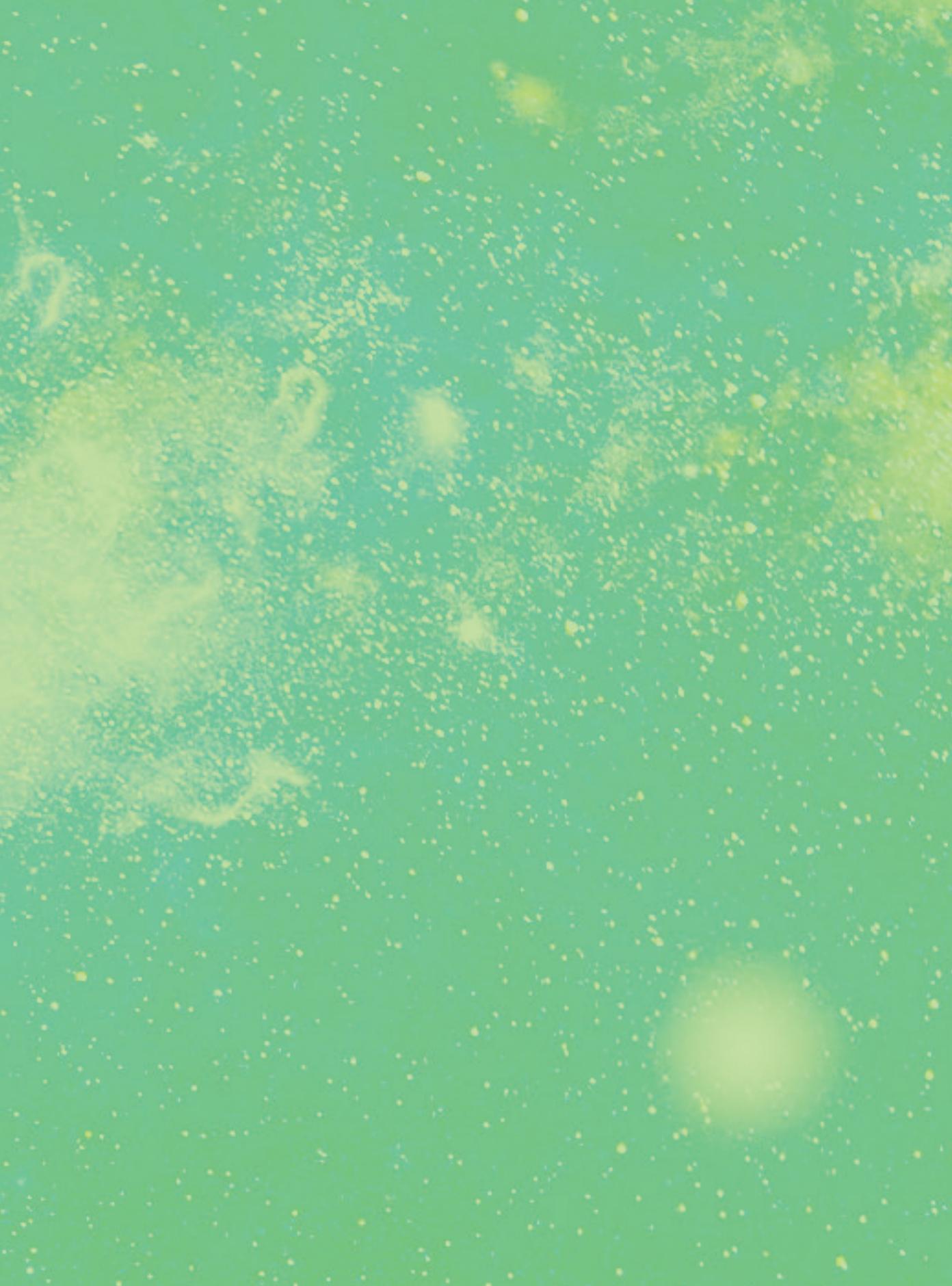
the potentially
devastating effects if
we don't limit it?

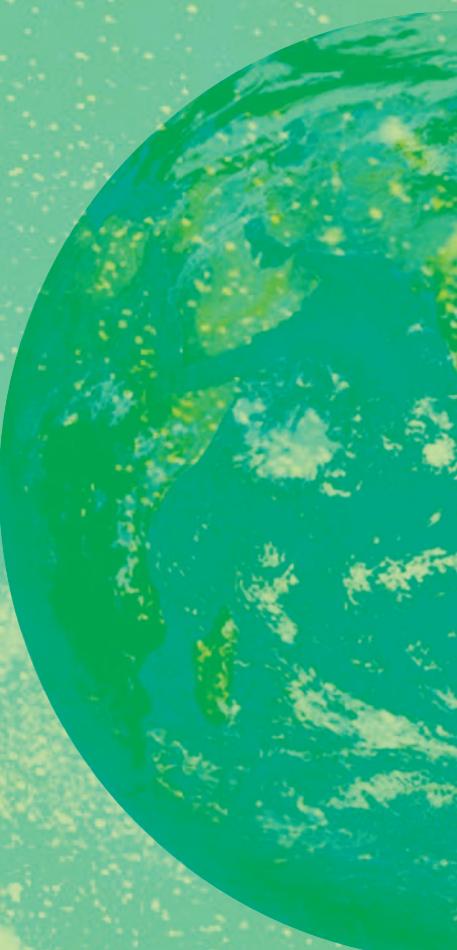






“The world is a book, and those who do not travel read only a page.”





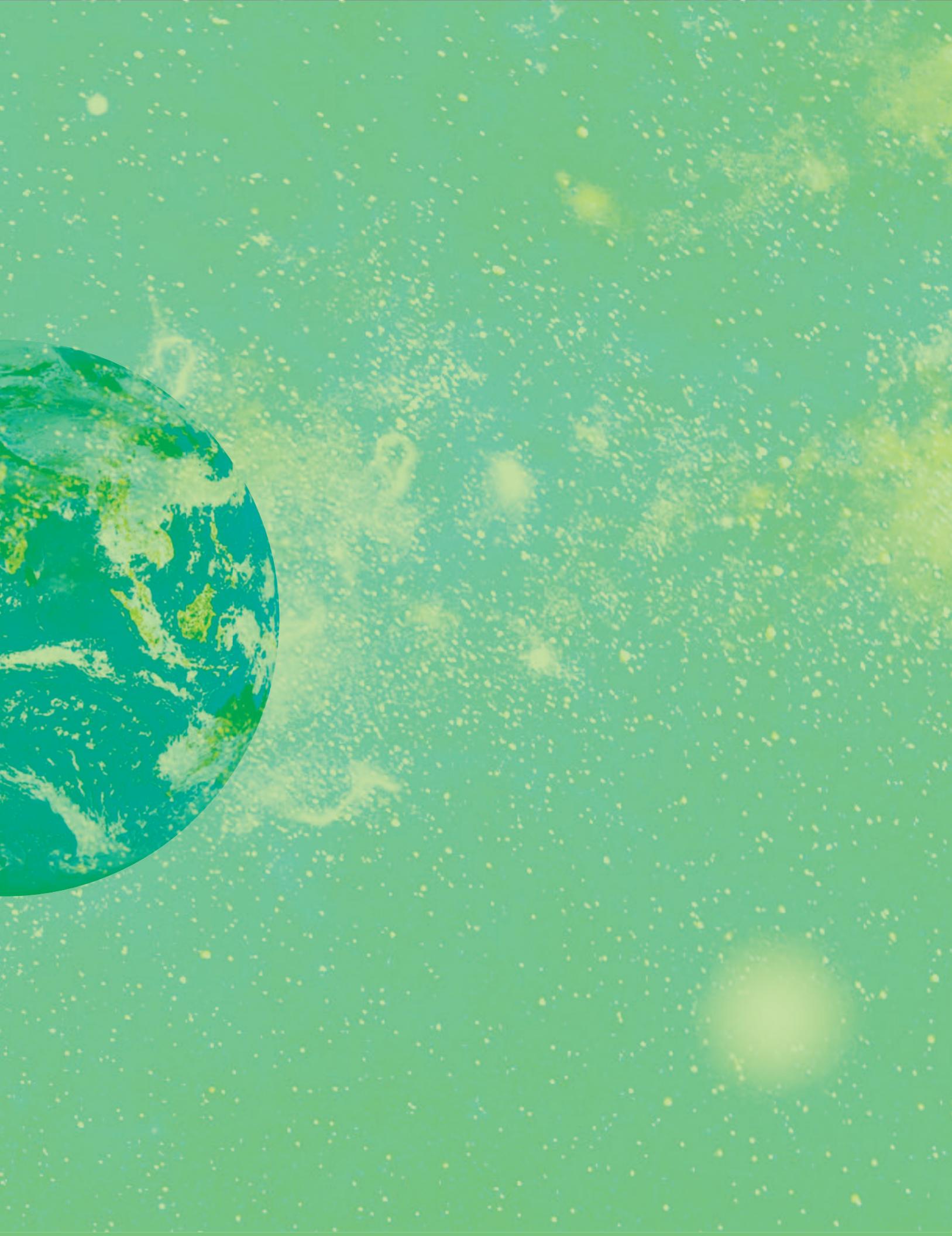
www.earthobservatory.nasa.gov

Earth Observatory

NASA Goddard Space Flight Center

http://eoimages.gsfc.nasa.gov

Earth Observatory
NASA Goddard Space Flight Center
http://eoimages.gsfc.nasa.gov





THE GREEN PLANET

Earth is a green planet. It is covered by green land and green water. The green land is covered with green plants. The green water is covered with green algae.

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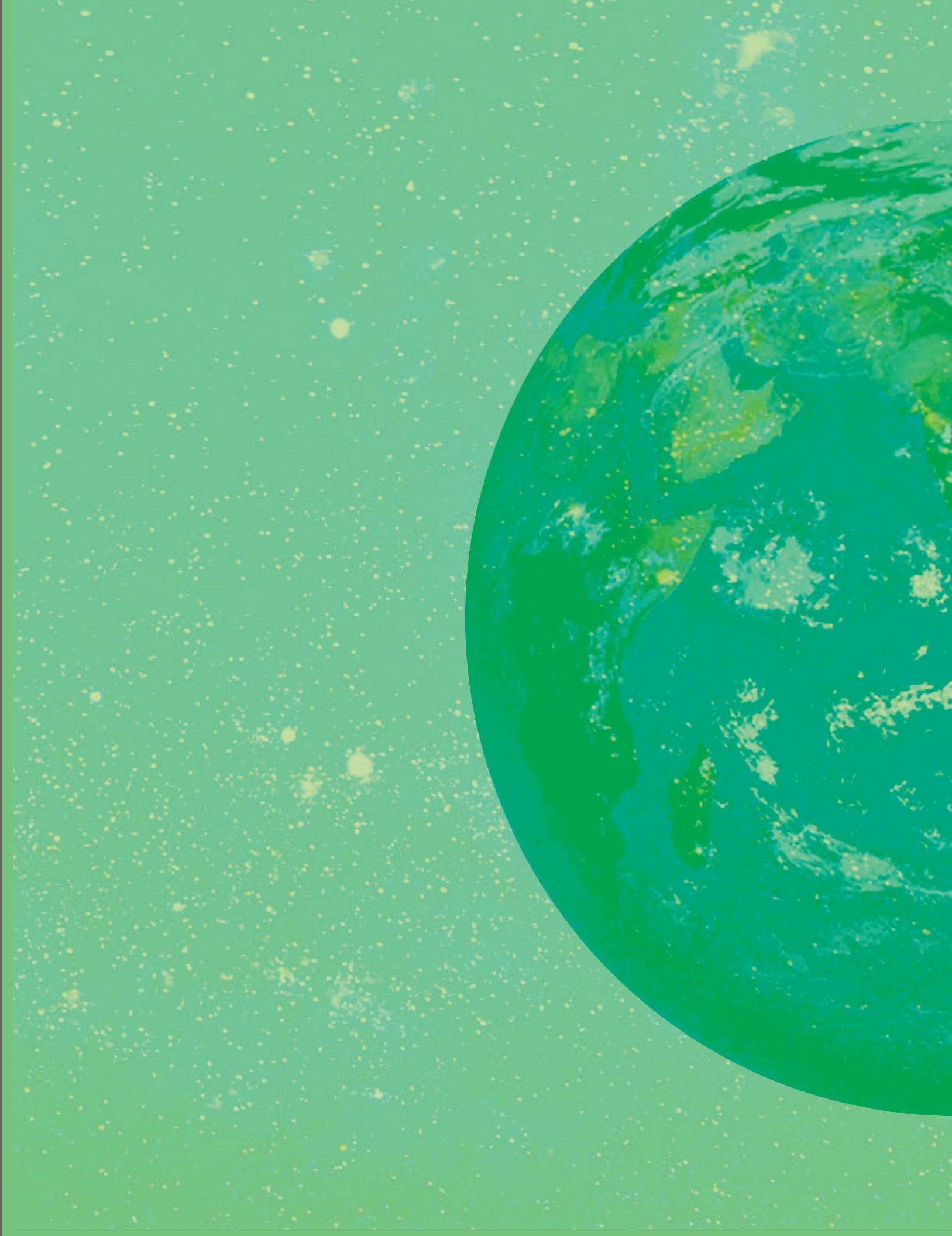
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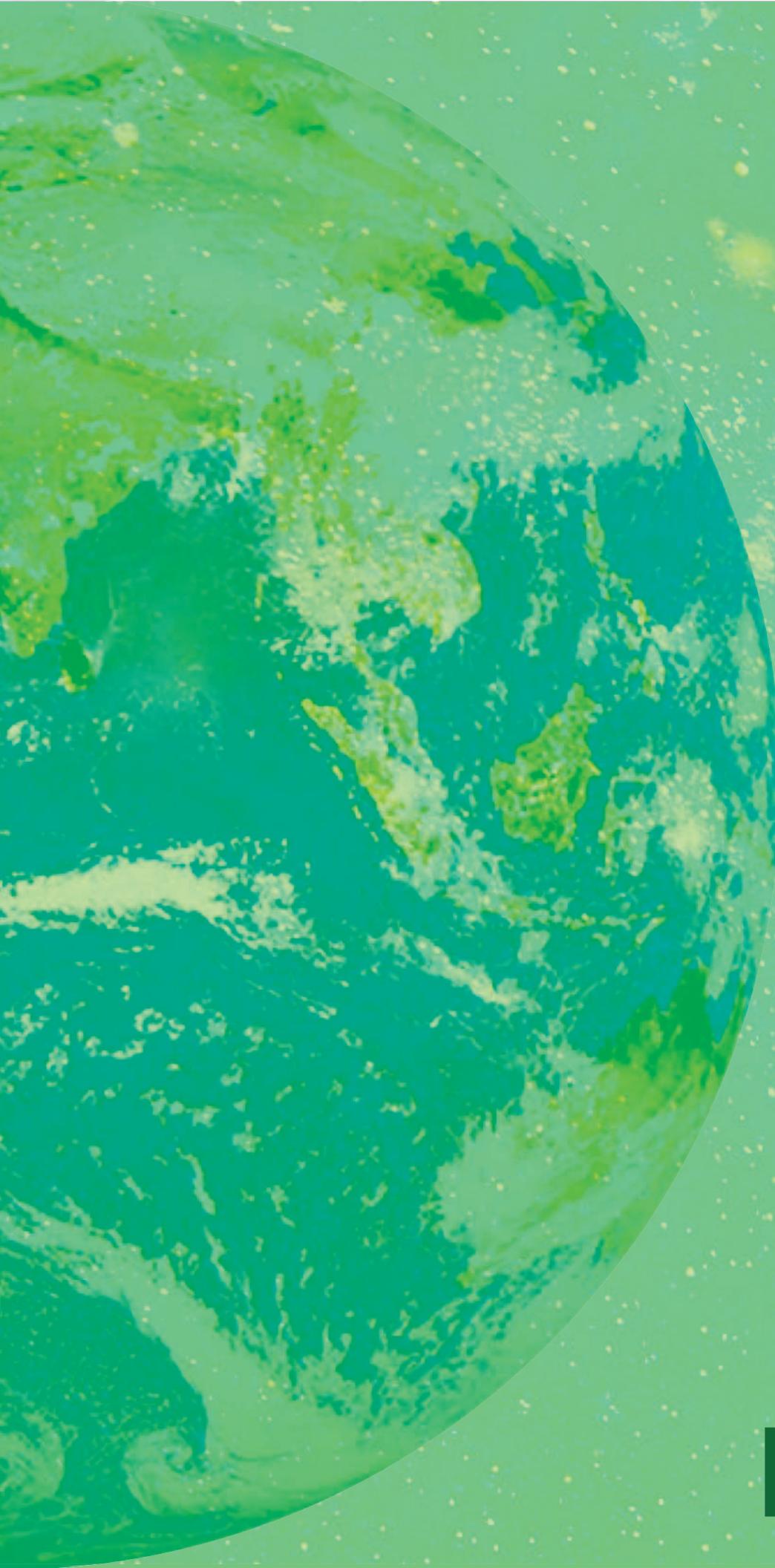
The eco friendly world



The eco friendly world

The green visionary





part 1















People would not be requested



to turn off their lights



reuse,

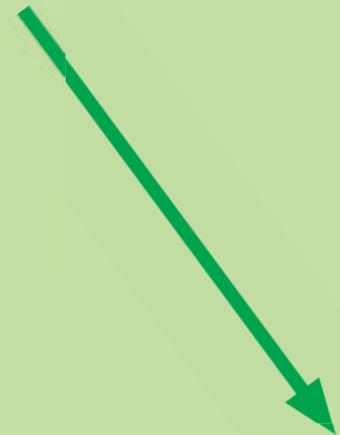
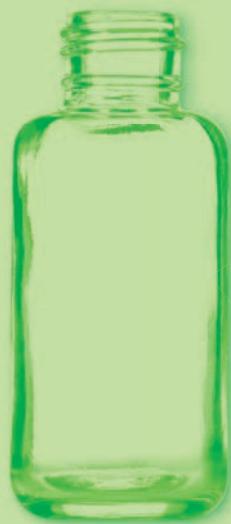






reduce,





G





recycle.



Install an eco-air humidifier thermostat, which will help you stay within the ideal temperatures for being environmentally friendly &

Monday
9:00

Outside
25°

Inside
52°

Precipitation: 0%
Humidity: 25%
Wind: 14 mph

Mode: Heat

Low: 23°
High: 49°

Set

Eco

Run

76-90°F



COOL

OFF

HEAT

40-70°F



VOLUME



Hold



Air Humidifier



Monday
9:00



Outside
25°

Inside
52°

Precipitation: 0%
Humidity: 25%
Wind: 14 mph

Mode: Heat

Low: 23°
High: 49°

Set

ECO

Run

76–90°F

C

COOL OFF HEAT

40–70°F

H



Hold



Air Humidifier



VOLUME

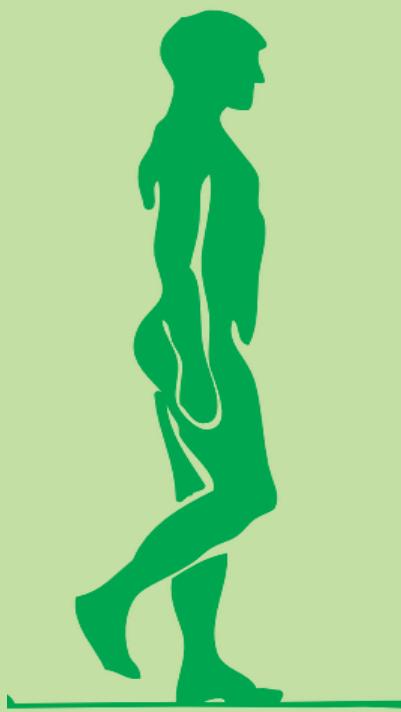


will notify you if you go over.

Try to walk,











or bike to shorter distances,





Store

9.00-21.00
9.00-17.00

OPEN

DISCOUNT





A silhouette of a person riding a bicycle is positioned on the left side of the image, moving towards the right. The background features a stylized building with a green roof and white walls, labeled "Store" in large yellow letters. The building has two windows displaying various items, a central entrance with a blue "OPEN" sign, and a yellow awning above the entrance. A vertical yellow banner on the right side of the building reads "DISCOUNT". The sky is a gradient from light blue at the bottom to bright yellow at the top, with a large white circle representing the sun.

Store

9.00-21.00
9.00-17.00

OPEN

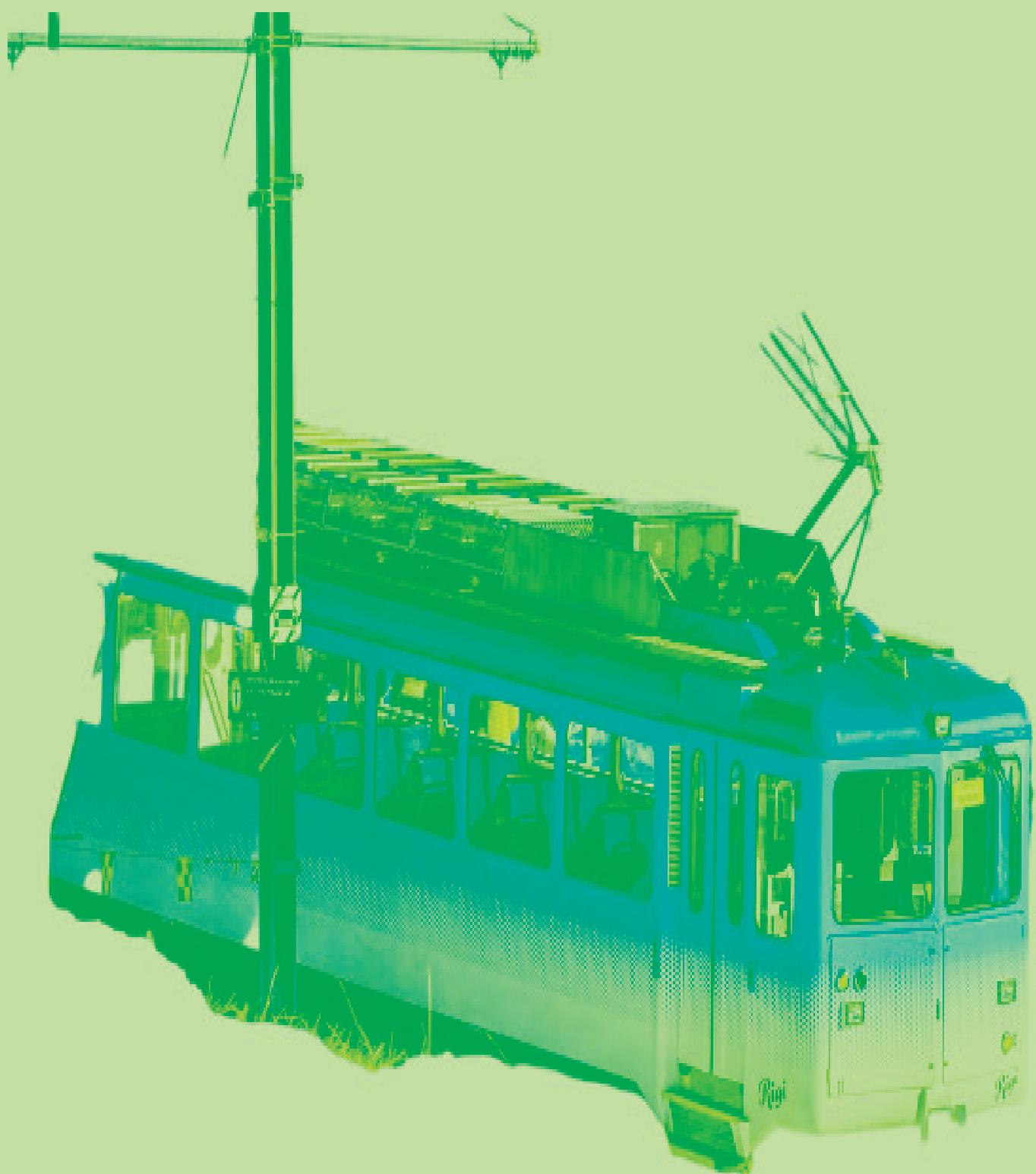
DISCOUNT

take public transit for greater distances.









People will not take the environment for granted and will want to make changes to benefit the future.









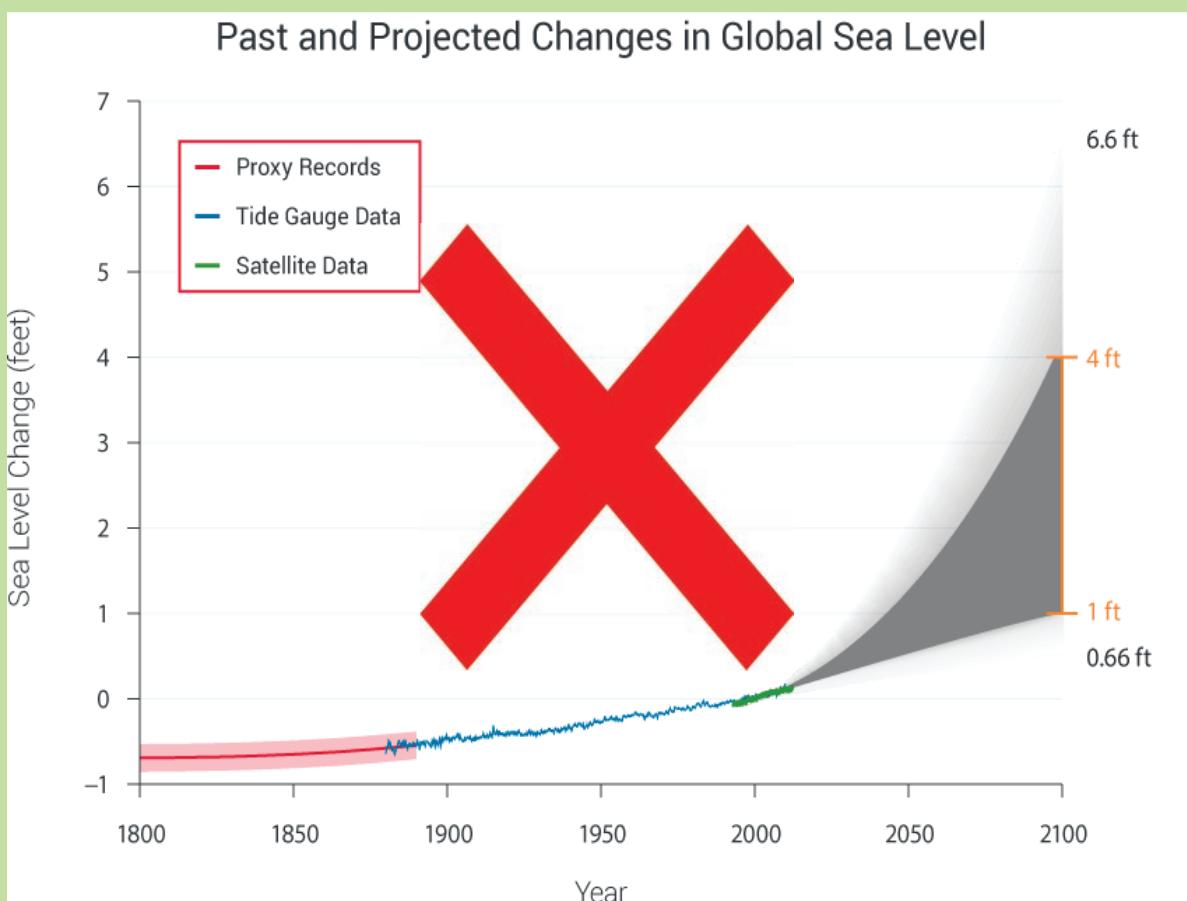
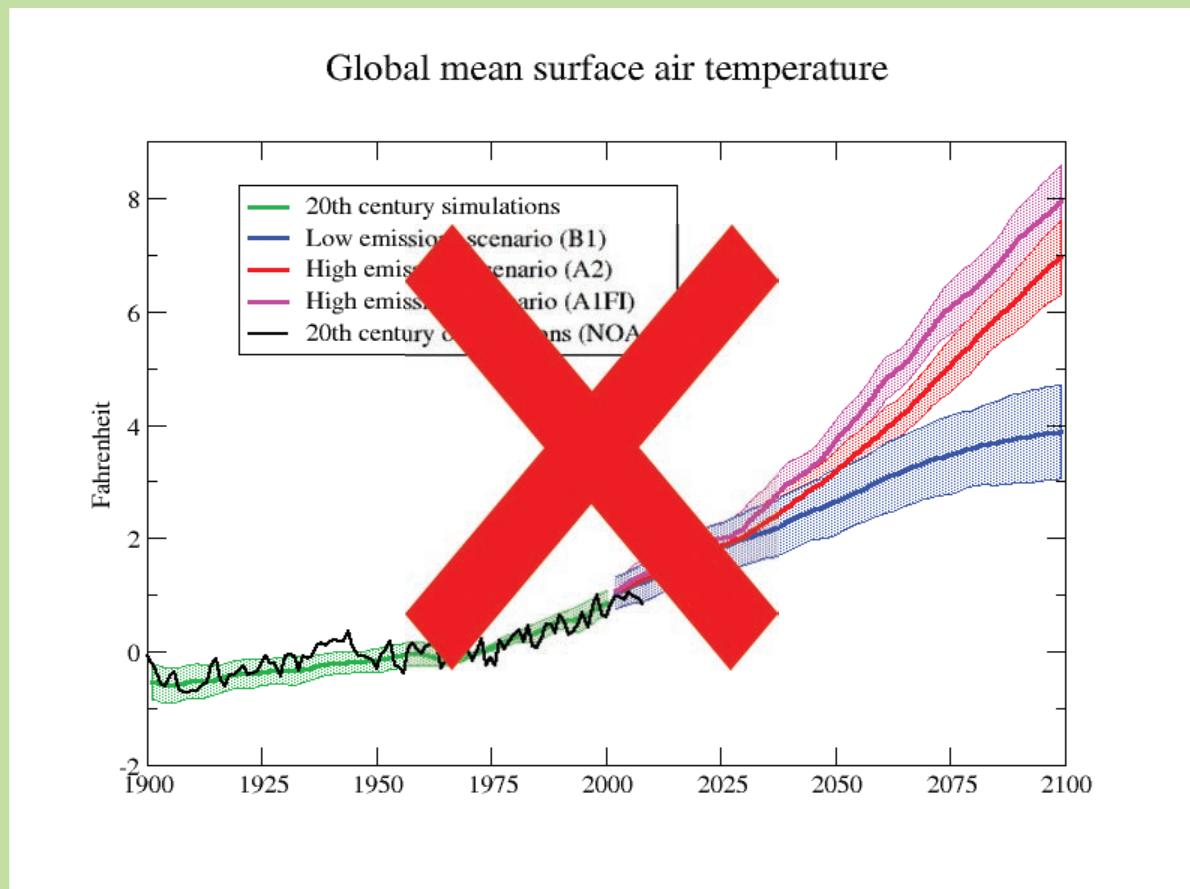


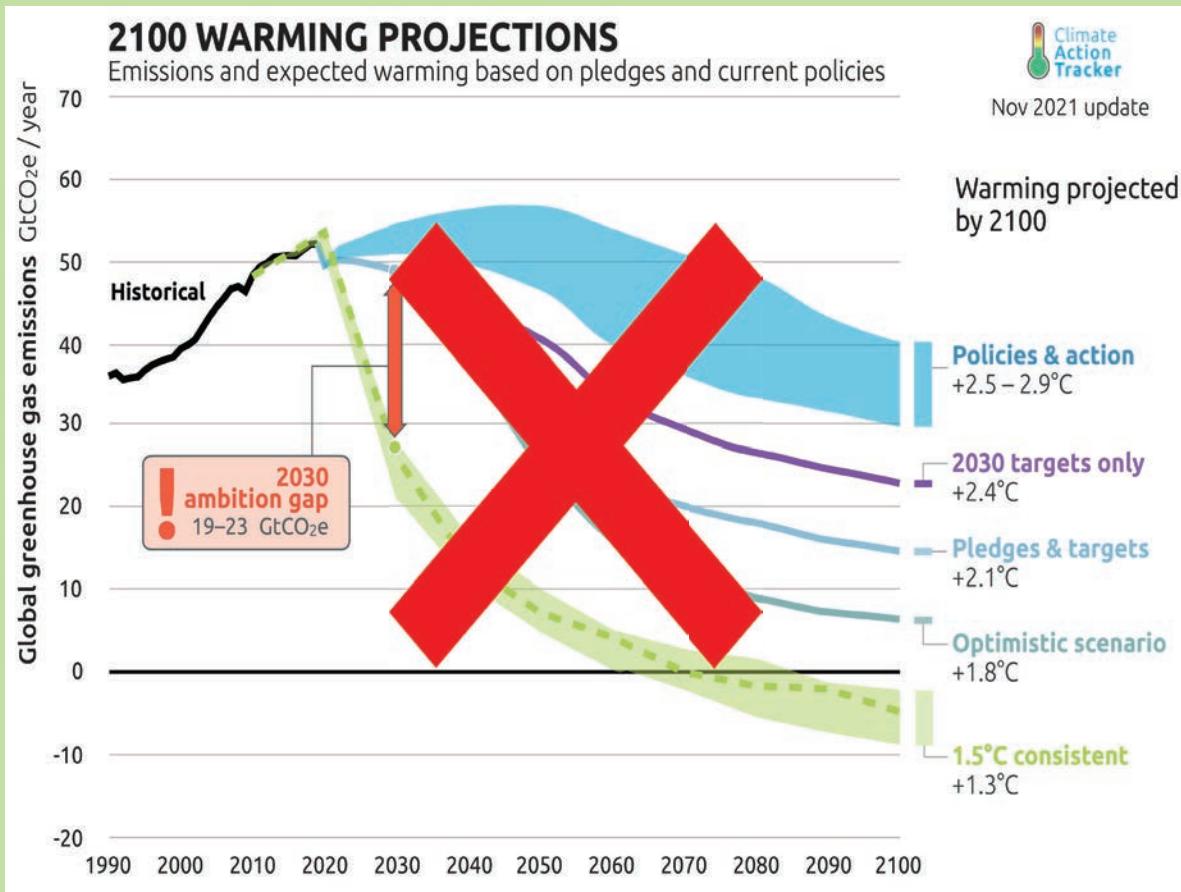




The rise in global temperatures would be flattened down within a few years in the future & make the environment very eco-friendly..

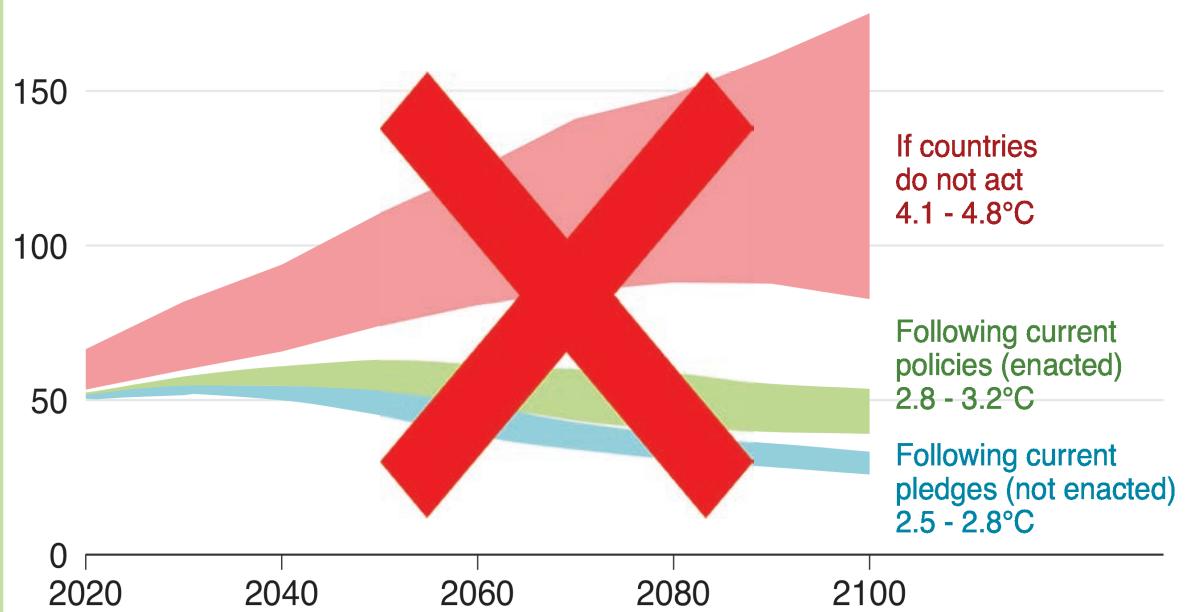






How much worse will the problem get?

Emissions* and expected warming by 2100

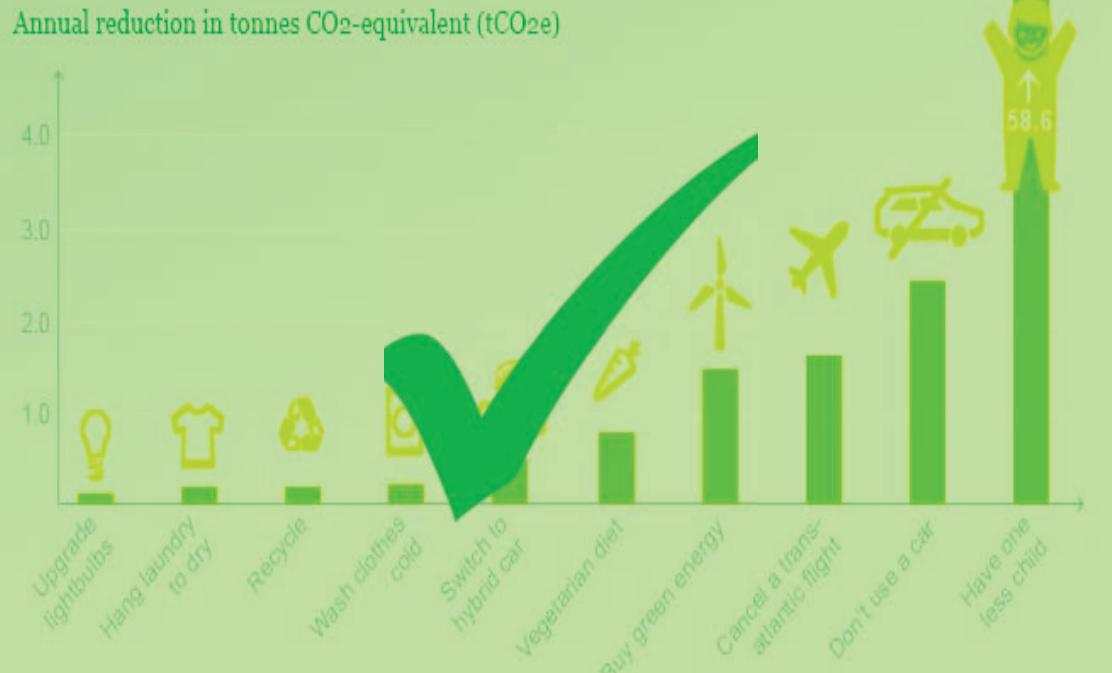


*Emissions are in Gigatonnes of CO₂ equivalent

Source: Climate Action Tracker

BBC

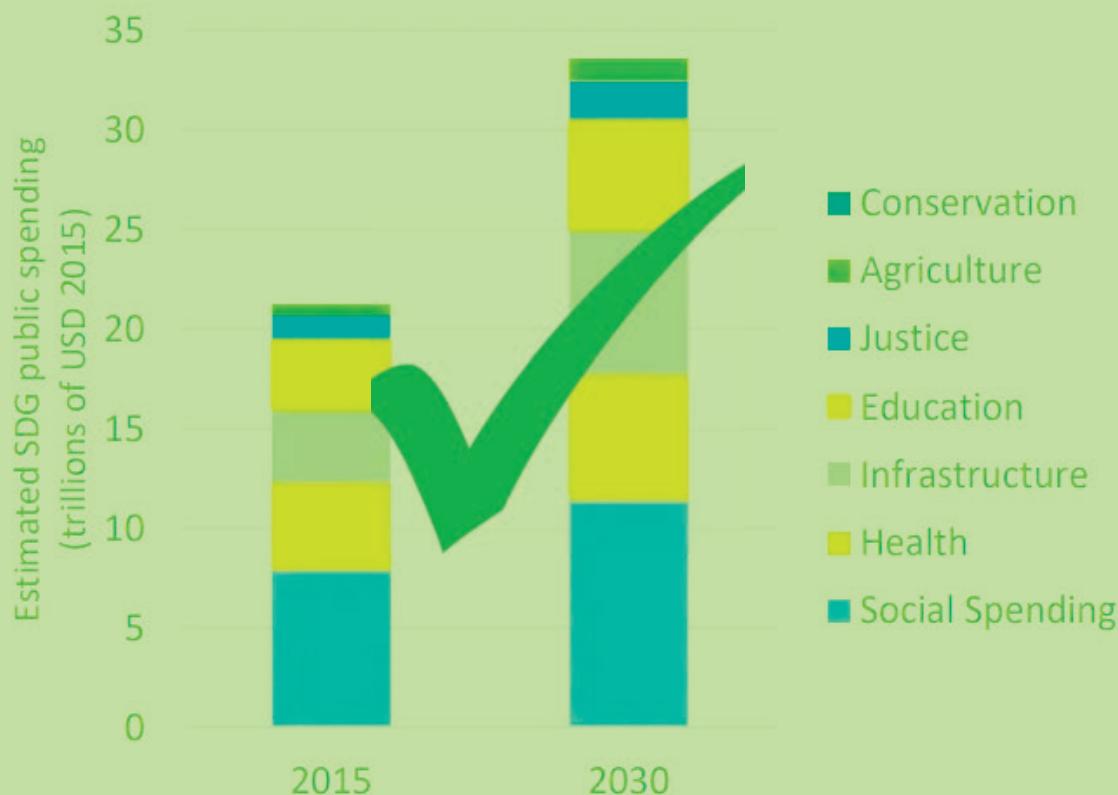
Ways to reduce your CO₂ emissions



Source: Seth Wynes; Kimberly A Nicholas | Environmental Research Letters, Volume 12, Number 7

© DW

Figure 3B: Estimated total SDG public spending, 2015 and 2030, by sector



SUSTAINABLE PRODUCT SALES IN THE U.S.

\$ in billions

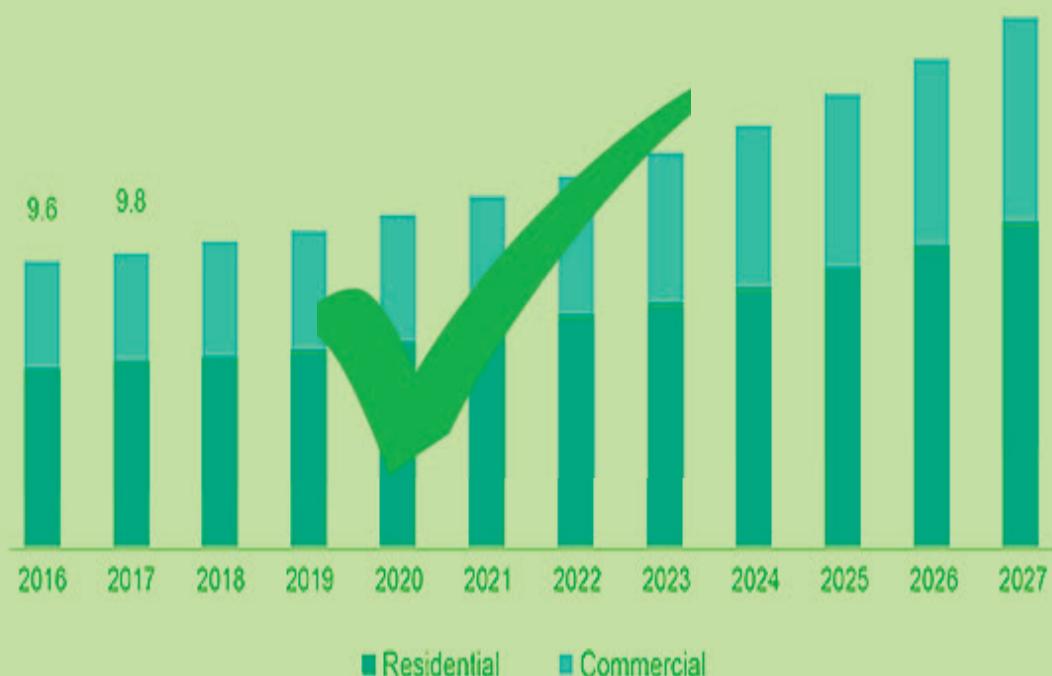


Sustainability combines free from, clean, simple, sustainable and organic labels.

Source: Nielsen Product Insider, Powered by Label Insight, Week ending 10/20/2018, Projections based on 3 and 2 year CAGR

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U.S. eco-friendly furniture market size, by application, 2016 - 2027 (USD Billion)



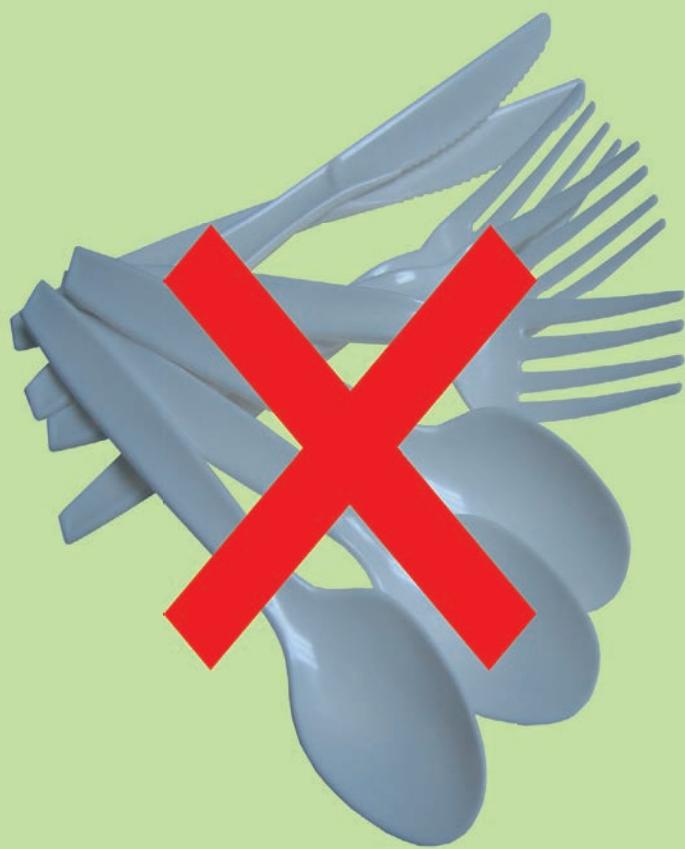
Source: www.grandviewresearch.com

















Articles of Eco-Friendly Consumption: A Content Analysis

Ayfer Bukuk, Engin Baysen, Serife Gunduz, Fatma Baysen, Serap Ozbas

Near East University, Ataturk Education Faculty, Department of Environmental Education and Management, North Cyprus, Mersin 10 Turkey

Abstract

This piece of work aims to analyse the general tendencies of the articles in journals about eco-friendly consumption published at SCOPUS. This study includes 162 studies from 121 different journals about eco-friendly consumption, which were published between 2013 and 2017. In this study, the only document types that were taken into consideration were the journals, which were published in English. In order to evaluate the studies, the classification forms, which we have specifically developed with regard to the subject of eco-friendly consumption, were used. The published studies about eco-friendly consumption were evaluated in terms of: the year, the publisher of the journal, the country where the study took place, the model-design-method development, the research type, the research method, the subjects, the keywords, the chosen samples, the size of the samples, the data collection tools, and the data analysis method. The findings are shown as percentages, frequencies, tables and graphs in this study. The results showed that the quantitative research methods and the experimental research models are the most frequently used methods in the area of eco-friendly consumption. The most preferred analysis methods and techniques used in the studies about eco-friendly consumption were the quantitative ones. The most used data analysis method was descriptive data analysis (frequency/percentage), which is among the quantitative data analysis methods. As for inferential analysis techniques, mostly ANOVA, regression, correlation and t-tests were preferred. Mostly, consumers were chosen as the sample group while observations, tests and surveys were used as data collection tools.

Keywords: Eco-friendly consumption, Green consumption, Environmentally friendly consumer, Articles, Content analysis, SCOPUS

INTRODUCTION

The subjects of population growth, industrialisation, pollution, food production and consumption of earth's resources were trending in the 1970s, while the concern for the future was increasing. According to the assumptions of that time, the reasons for environmental hazards were caused by the population growth in both undeveloped and developing countries (Stern, Diets, & Ruttan, 1997). While the increase in consumption and, therefore, an increase in production levels were considered beneficial for investors and the economy, the dangerous levels of air, water and soil pollution, ecological imbalances, the destruction of resources

and even the complete consumption of non-renewable resources came into question (Cohen, 2001).

Currently, environmental problems are encountered both by individuals and communities at an appreciable level. Some societies and individuals are aware that the earth's vital resources are in danger of consumption as a result of environmental problems; therefore, they act responsibly as consumers (Elden, 2009; Demir, 2015; Yucel & Ozkan, 2016).

The recent rapid increase in the destruction and pollution of the natural environment has caused an increase in environmental concerns, especially among consumers, which has led to the idea of protecting nature. This situation has helped the act of eco-friendly consumption to develop.

Eco-friendly consumption can be defined as "minimising the harm caused to the environment in every aspect of consumption, while considering the environmental benefits" (Yilmaz & Arslan, 2011). Eco-friendly consumption can be

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www.ijss-sn.com

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Month of Peer Review : 07-2017
Month of Acceptance : 09-2017
Month of Publishing : 10-2017

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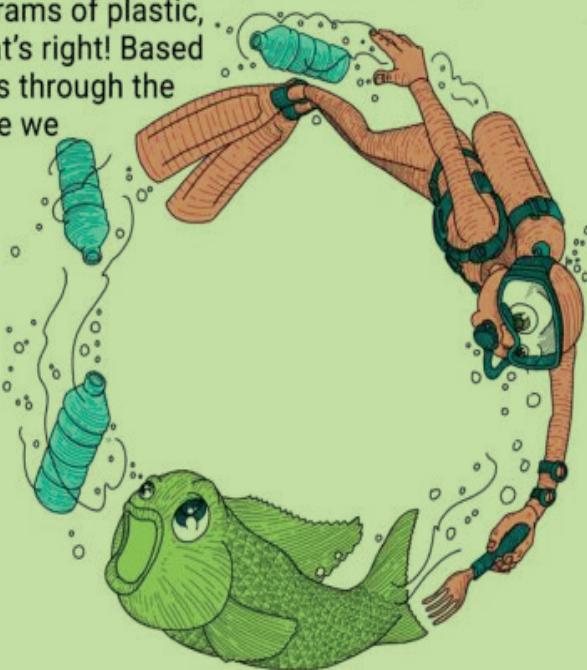
What goes around, comes around. Join the Plastic Free July challenge!

by Anu Ramamurty

Did you know humans unwittingly consume roughly 5 grams of plastic, that's about the weight of a credit card, each week? That's right! Based on where our trash ends up, plastic enters our stomachs through the fruits, vegetables and even seafood we eat. And it's time we had a chat about this.

Q: It is estimated that almost two truck loads of trash enters the ocean every minute. What do you think happens to ocean plastic?

A: When plastic is mixed with salt water and begins to disintegrate, it releases an odor which is similar to krill, a popular food for fish. Thanks to the enticing smell, the fish eat the micro-plastics. And then, we eat the fish!



Q: Every piece of plastic ever created still exists. Some is recycled, some ends up in the ocean, but most of it ends up in landfills. What do you think happens to plastic in landfills?

A: It breaks down into micro-plastics and leaks pollutants into the soil and water. When it rains, the chemicals get moved around in the soil causing larger areas of land to be contaminated.

Unfortunately, trees absorb nutrients AND these micro-plastics from the soil.

Scientists say apples are the most contaminated fruit. It's the same story with carrots, lettuce, broccoli, potatoes and many other vegetables – even honey, because bees carry micro-plastics from the plants to their hives.

You get the picture! The plastic we discard finds its way into the food chain and back to our stomachs. And it's on us to break this vicious cycle.

HOW YOU CAN HELP



This Plastic Free July, join families around the world who are committing to using less plastic. Take a pledge to drop one single-use plastic item from your life. You don't need to be 100% plastic free to make a change, every little bit helps.

Scan the QR code or visit our website to download a Plastic Free Pledge Poster for your family! Print it out and hang it up on your front door to inspire your neighbours. Share your plastic-free journey with the world and tag us on Insta @katkidadventure!

Anu Ramamurty is the founder of Kat Kid Adventure, a mission-driven lifestyle brand that cares about kids and the planet. Visit www.katkidadventure.com for their range of eco products and workshops.

HOME STYLE



Emily Horton
emilyh@sheengate.co.uk
@elhorton1

Natural therapy

Emily Horton goes on the hunt for eco-friendly interiors to boost your mood and home

The power of nature is certainly something that conservation biologist-turned-textile designer Susy Paisley (inset, right) knows all about. It was whilst living in the Amazon Rainforest studying the Andean spectacled bear that she was inspired to start her fabric company, Newton Paisley.

"I became besotted with the patterns and colours of the cloud forest; its exotic flora and fauna. Instead of doing the usual thing that scientists do, which is to turn all that I encountered into statistics, I started to draw what I could see.

"My clients appreciate the harmony of the designs, but also the academic feel. One said she found my designs

both joyous and geeky!

"I am also passionate about the colour green: it communicates to us on the deepest of levels. Our eyes have evolved to be able to distinguish so many different shades owing to our absolute dependence on plants.

"I particularly love the work of biologist E.O. Wilson who said that we are profoundly affected by our environments, that our well-being is heightened by being in nature. It is what makes us feel safe, engaged with our surroundings. My designs fully embrace this."

Susy's fabrics also have the feel-good factor. For every metre of fabric purchased, 100m² of endangered habitat is preserved through the work of the *World Land Trust*.

"You can sit there admiring your curtains knowing that an area of forest 100 times the size of them is preserved because of your purchase of Newton Paisley fabric!"



Upholstered chair in Carolina Tree of Life fabric (prune) £110 pm

GREEN DREAM

We all love a bit of colour therapy but none so much as that which emanates from the natural world. We Brits have long embraced furnishings inspired by nature in an attempt to bring some of its serenity indoors. The Victorians were great believers in the properties of the colour green to soothe the mind; for them William Morris's bottle-green horticultural interior designs were the height of fashion.

Our aesthetics may have changed somewhat since then, but nature remains one of the most popular themes in home furnishings. Why not take your inspiration from Liberty's recent *Secret Garden* collection or Henry Holland's luxurious debut designs for Habitat?

libertylondon.com
habitat.co.uk/henry



The timeless floral designs of Arts and Crafts designer, William Morris Below: Wallace Secret Garden Linen in Green Gauze, £85, Liberty Fabrics



Abel armchair, £450, in Paradise Leaf by House Of Holland

ECO-FRIENDLY FURNISHINGS



Going Green with Eco-friendly Dentistry

Bhagyalakshmi Avinash, BS Avinash, BM Shivalinga, S Jyothikiran, MN Padmini

ABSTRACT

Eco-friendly dentistry is currently transforming the medical and dental field to decrease its affect on our natural environment and reduce the amount of waste being produced. Eco-friendly dentistry uses a sustainable approach to encourage dentists to implement new strategies to try and reduce the energy being consumed and the large amount of waste being produced by the industry. Many reasonable, practical and easy alternatives do exist which would reduce the environmental footprint of a dental office were it to follow the 'green' recommendations. Dentist should take a leading role in the society by implementing 'green' initiatives to lessen their impact on the environment.

This article provides a series of 'green' recommendations that dentists around the world can implement to become a leading Stewards of the environment.

Keywords: Eco-friendly, Environment, Green, Atmosphere.

How to cite this article: Avinash B, Avinash BS, Shivalinga BM, Jyothikiran S, Padmini MN. Going Green with Eco-friendly Dentistry. *J Contemp Dent Pract* 2013;14(4):766-769.

Source of support: Nil

Conflict of interest: None declared

INTRODUCTION

Providing good dental care is the prime objective for any clinician. Good dental care means giving the best to the patient and this includes creating a comfortable and patient friendly atmosphere. Dentistry has evolved in terms of materials and the techniques. The recent materials and treatment techniques promises to provide the best to the patient. In order to provide best to the patient the environment should not be damaged. The modern methods of patient care demand a price to play, in the form of heavy loads of landfills, garbage and biomedical waste. These wastes have an adverse effect on the environment. Although individual dentists generate only small amount of environmentally unfriendly wastes, the accumulated waste produced by the profession may have a significant environmental impact.¹⁻³ Raw materials and new materials are exploited because of reduced recycling and increase in

demand.⁴ There is contamination of ground water and aquifers by leakage produced by decaying matter and off gassing of methane. Incinerators are commonly used to dispose off this type of waste. The by-products of incinerators such as carbon dioxide and sulfur dioxide can cause global warming. Ash produced from incinerators can be a source of contamination.⁵ Atmospheric concentration of carbon dioxide, methane and nitrous oxide have increased significantly since 1960s. These gases namely, carbon dioxide and methane are leading cause of global warming. Methane is mostly released from landfills and can absorb 23 times as much infrared radiation as carbon dioxide, warming the earth's surface.

Medical and dental industry play a crucial role in producing and adding to the amount of waste hauled off to landfills. Many environmental and health issues stand testament to the need and to reduced waste deposited in landfills each year.

ECO-FRIENDLY DENTISTRY

'Eco-friendly' and 'Green' are terms that are widely used today and can indicate several things, such as renewability, sustainability, energy efficiency, nontoxicity, being minimally invasive, having a reduction in carbon foot print, and having a reduction in carbon dioxide emissions. By combining the health of humans with the health of our environment, ecofriendly dentistry provides an opportunity to reduce further degradation⁶ of our planet. Almost every health care setting worldwide-hospitals, extended-care facilities, urgent-care facilities, medical offices, and dental offices-utilize PBT (persistent bio-accumulative toxins) such as mercury, lead, PVC, DEHP, VOCs (volatile organic compounds), PBDEs (polybrominated diphenyl ethers) and HBCDs (hexabromocyclododecans), and other harmful elements, which with exposure can adversely affect the health of team members, patients, and the environment. As early as 1994, the US. Environmental protection agency





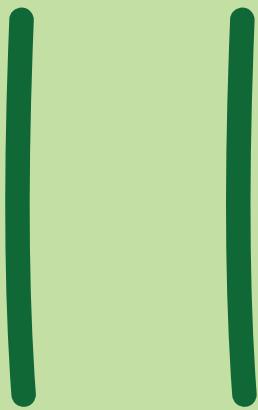




If only

we could

a



work together

to make

the globe

a better

environ

n m e n t





The eco friendly world



The eco friendly world



The eco friendly world



The world

Five world



A high-resolution satellite image of Earth's surface, showing continents, clouds, and oceans. The image is set against a dark, star-filled background, suggesting space.

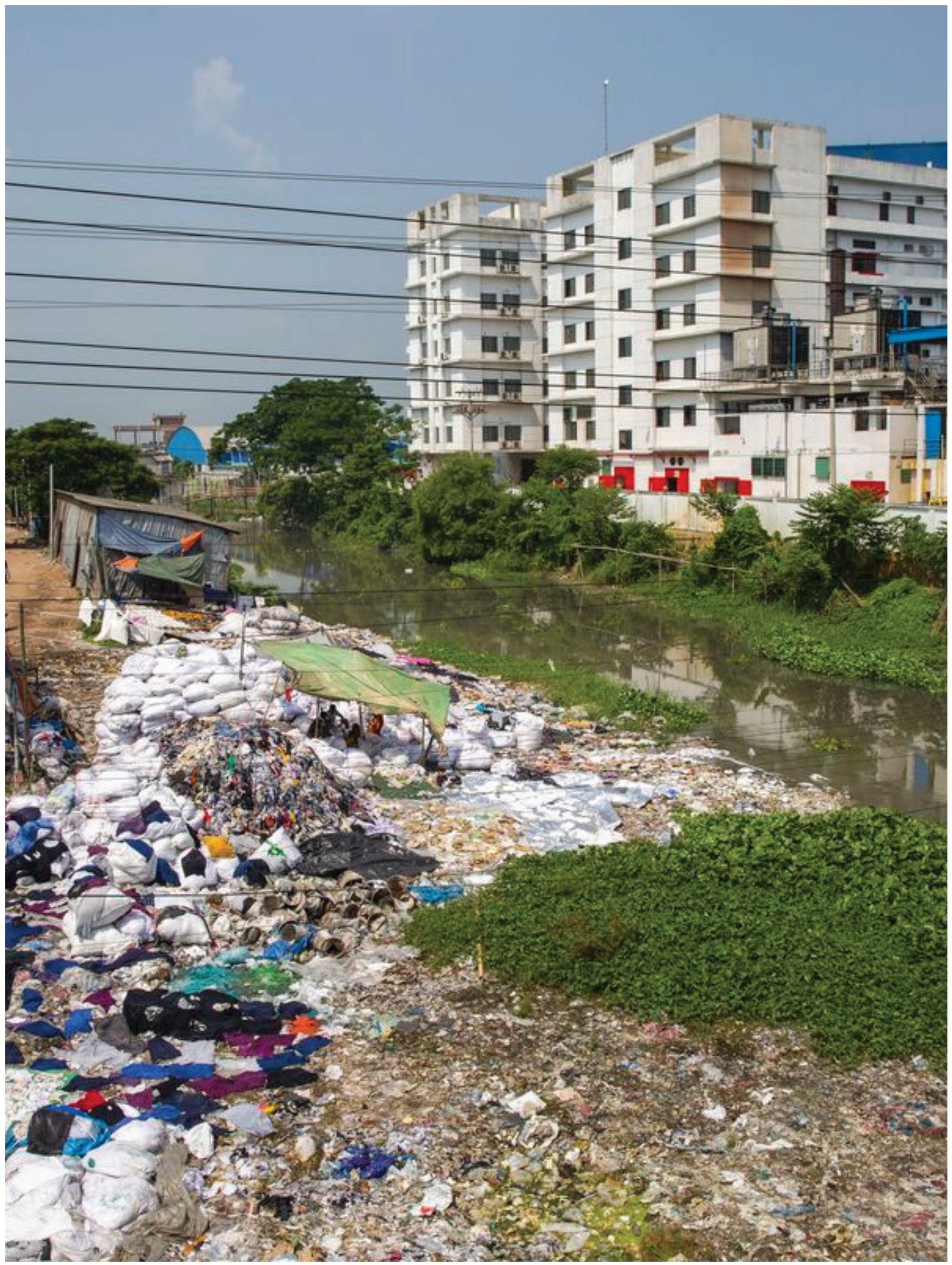
The
World

The reality



A high-resolution satellite image of the Earth's Northern Hemisphere, showing the continents of North America and Eurasia. The image captures intricate cloud formations and various land features. The background is the deep black of space, dotted with numerous stars.

part 2







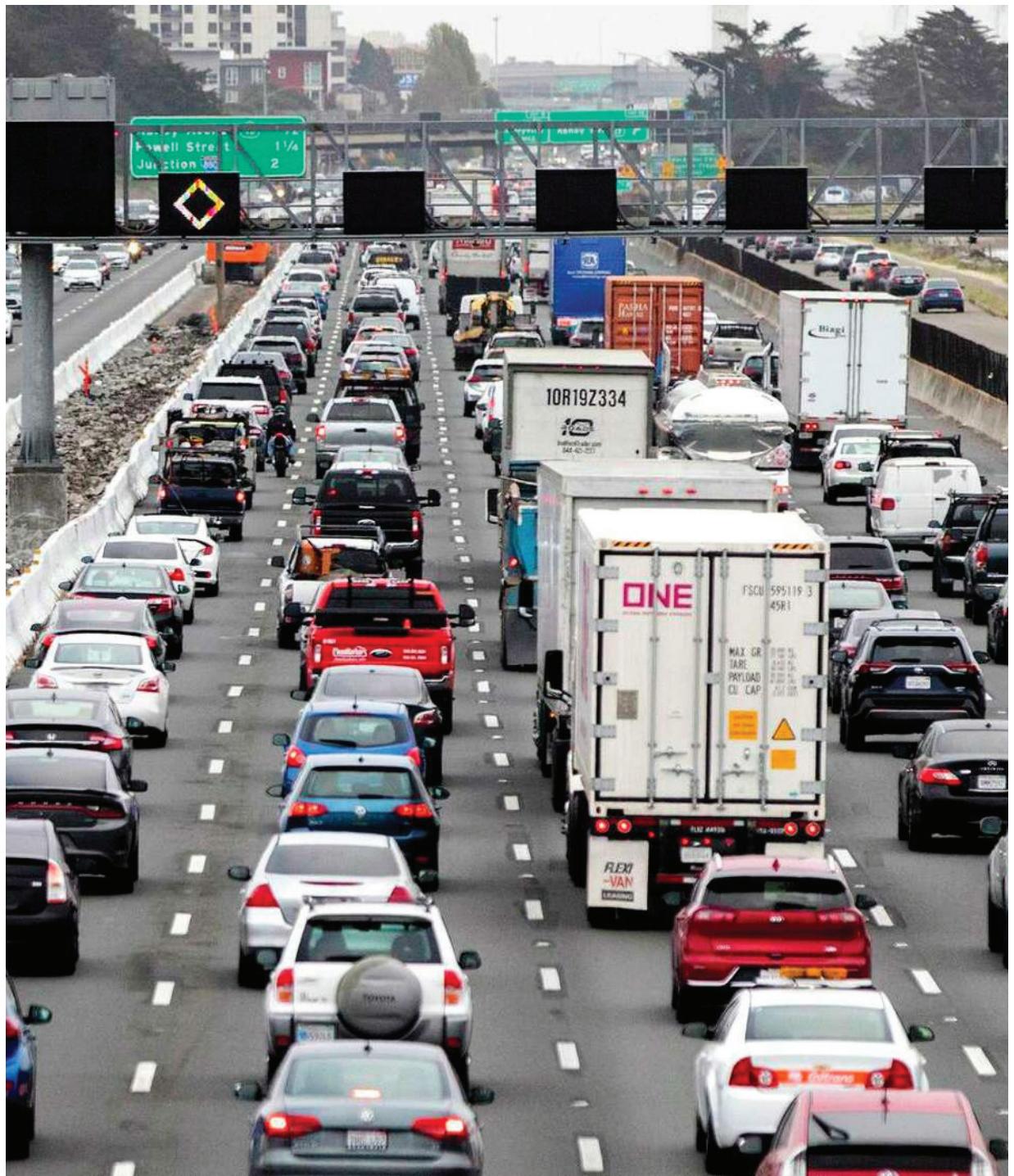






Unfortunately, certain segments of society are unconcerned about climate change and are unwilling to alter their behavior.







Generating





power and heat,



plastics,

&

steel,



producing

electronics,



chopping



down



trees

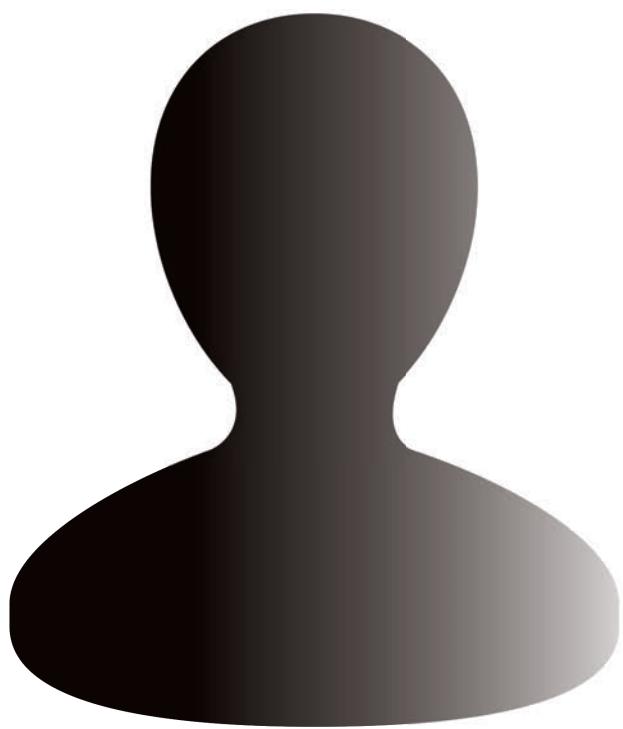


damage the climate.



These activities are
dangerous to society &
can cause dangerous
consequences .



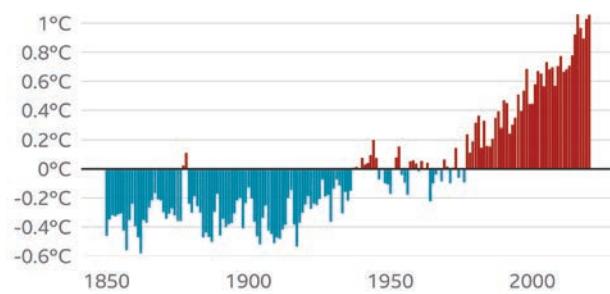






The world is getting warmer

Annual mean land and ocean temperature above or below average, 1850 to 2020

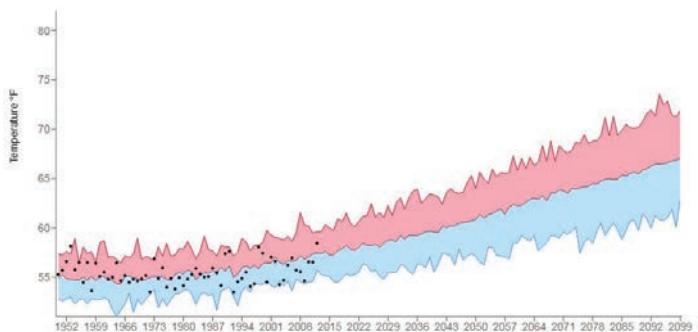


Note: Average calculated from 1951 to 1980 data

Source: University of California Berkeley

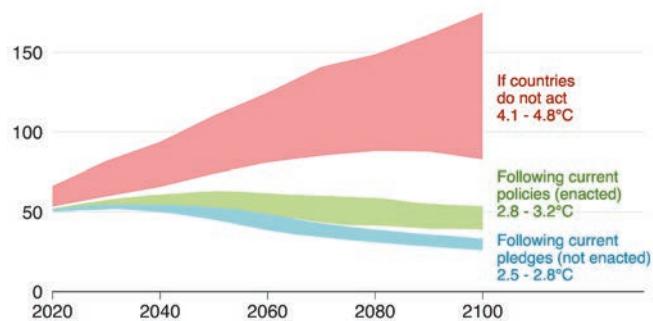
BBC

Annual Maximum Temperature - New York



How much worse will the problem get?

Emissions* and expected warming by 2100

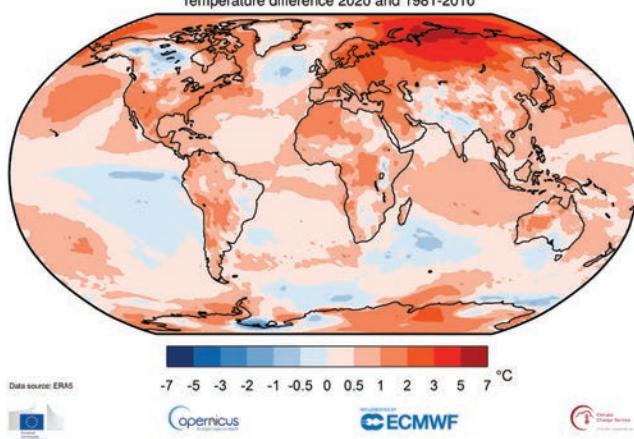


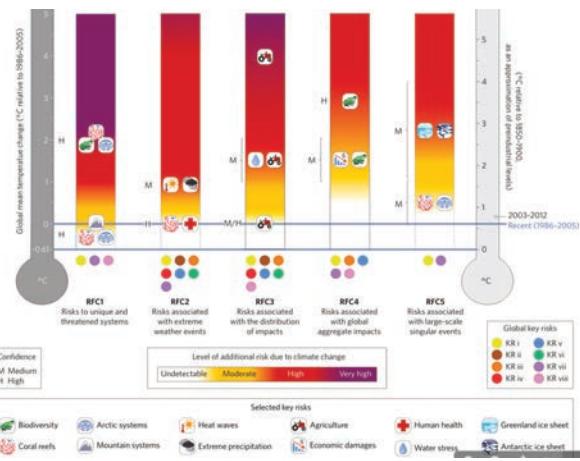
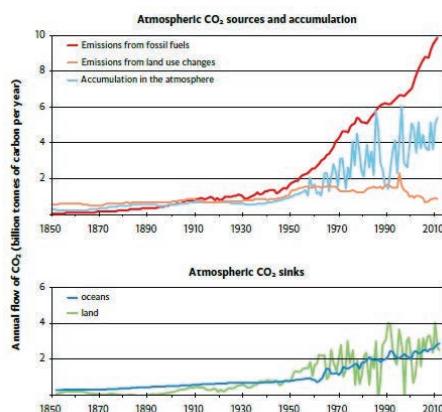
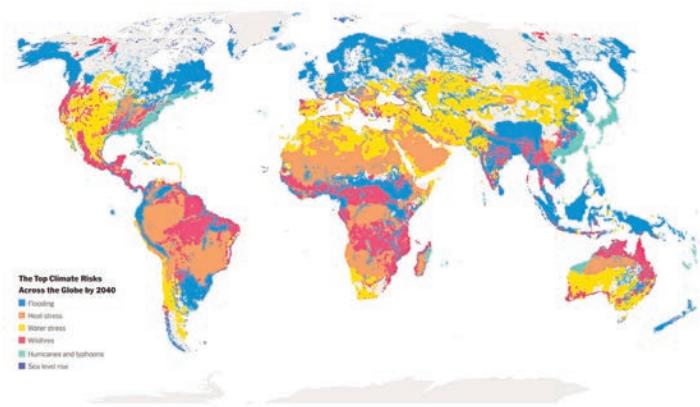
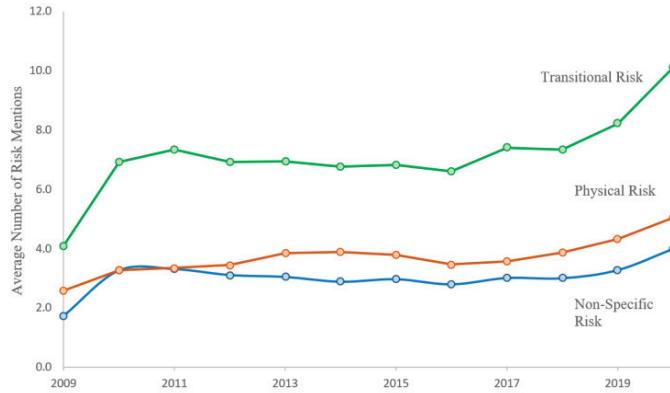
*Emissions are in Gigatonnes of CO2 equivalent

Source: Climate Action Tracker

BBC

Temperature difference 2020 and 1981-2010



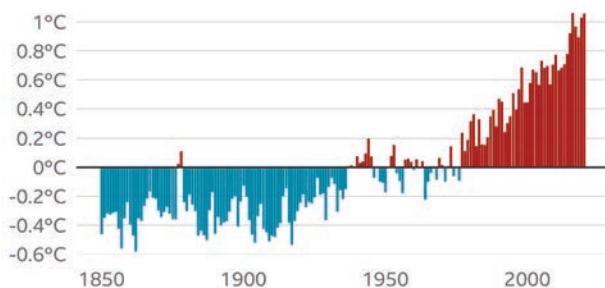






The world is getting warmer

Annual mean land and ocean temperature above or below average, 1850 to 2020



Note: Average calculated from 1951 to 1980 data

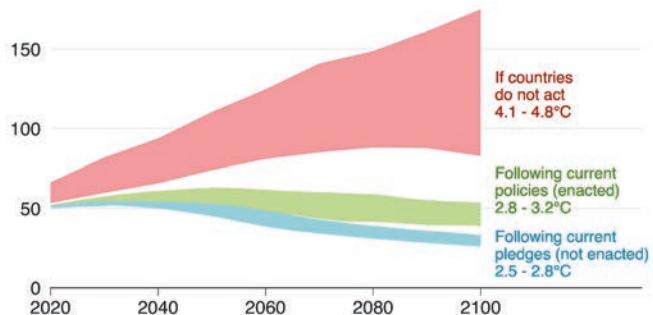
Source: University of California Berkeley

BBC



How much worse will the problem get?

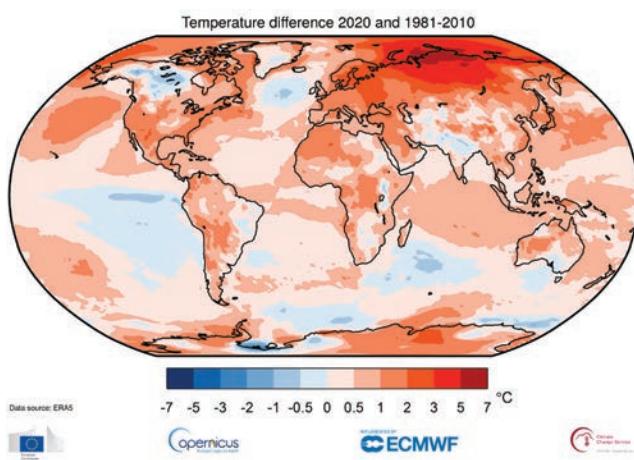
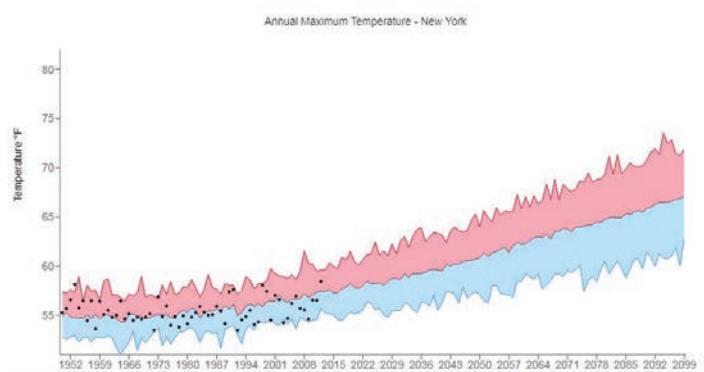
Emissions* and expected warming by 2100

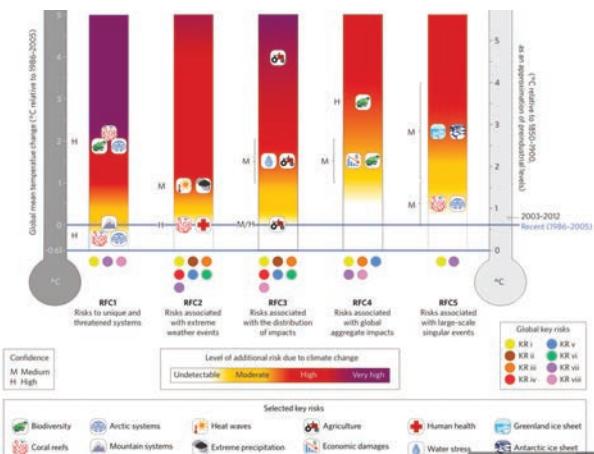
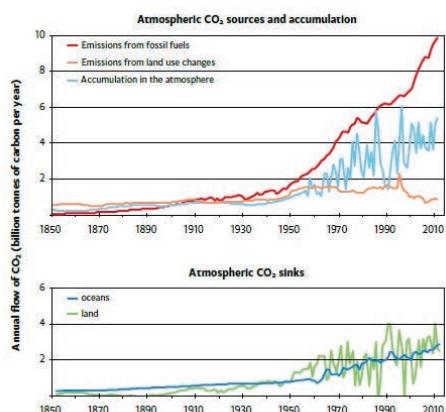
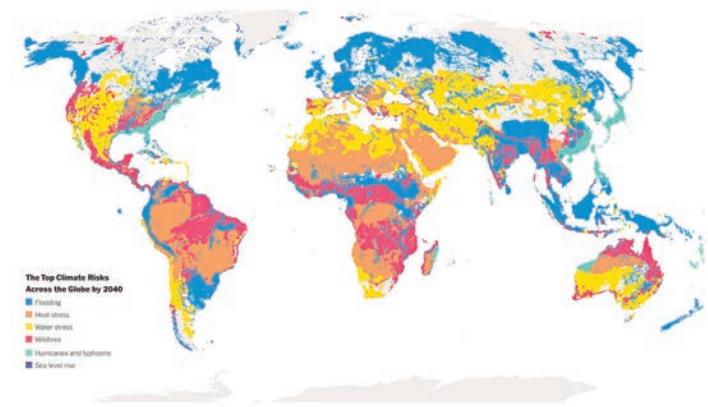
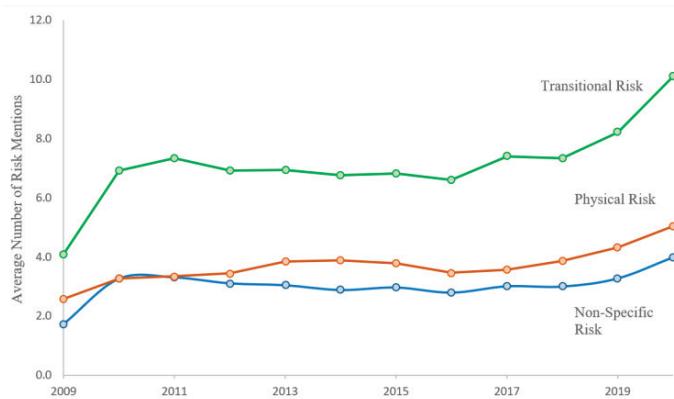


*Emissions are in Gigatonnes of CO2 equivalent

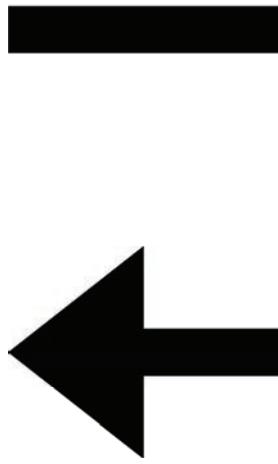
Source: Climate Action Tracker

BBC

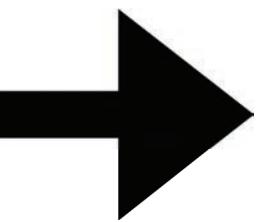




It can cause frequent changes
between **hot**



& **cold** weather patterns.







PREPARE YOURSELF

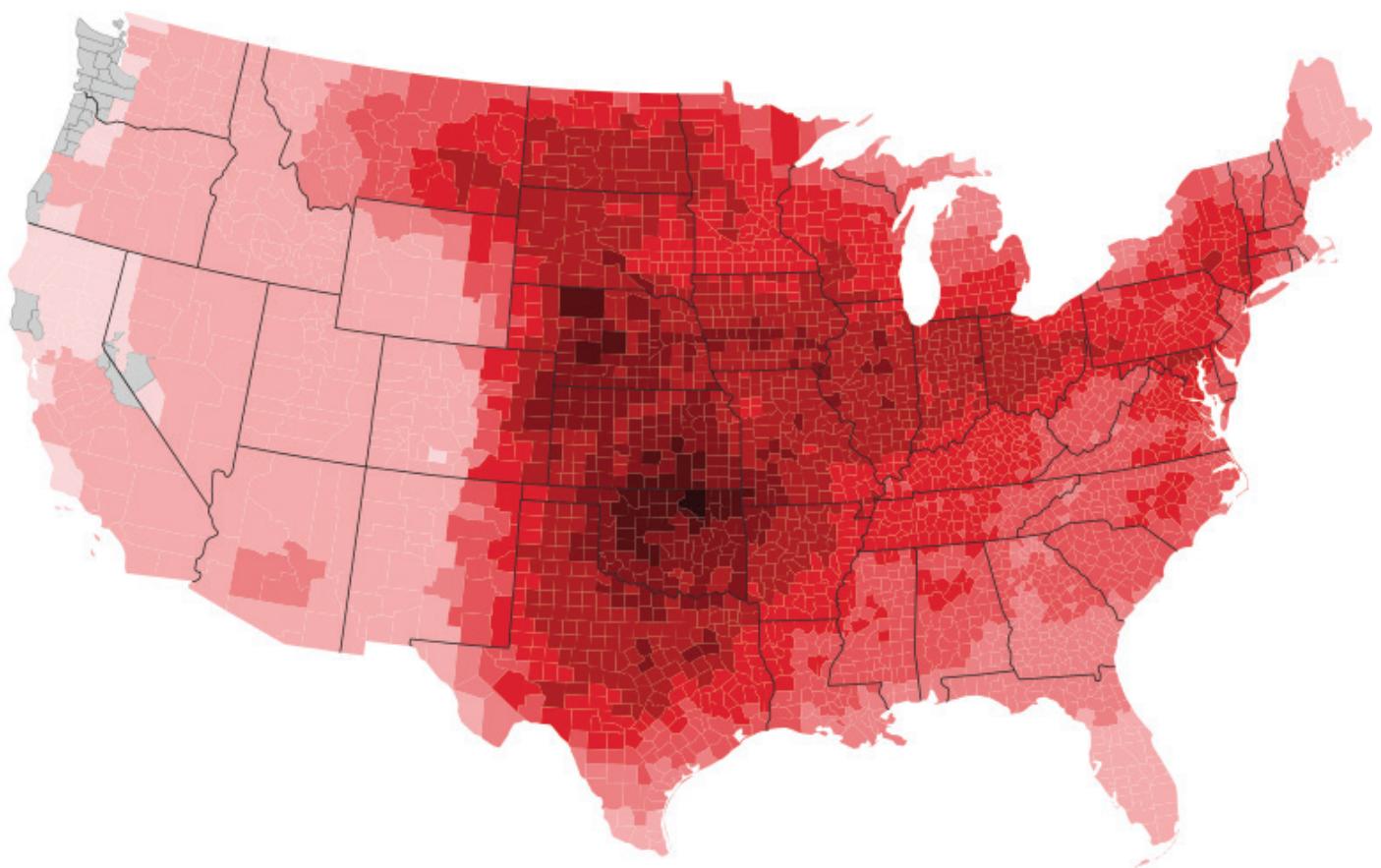
A large, bright lightning bolt strikes vertically from the bottom center of the frame upwards, branching out at the top. The background is a dark, turbulent sky filled with heavy clouds and other smaller lightning bolts.

**SEW
WEAT**

FIRE FIRE



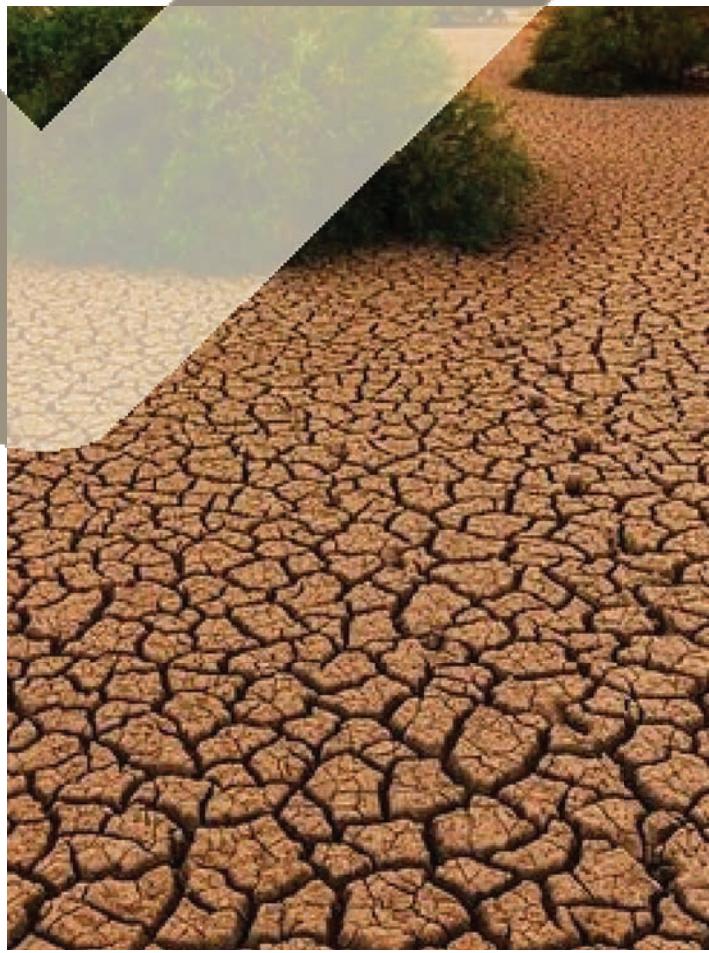


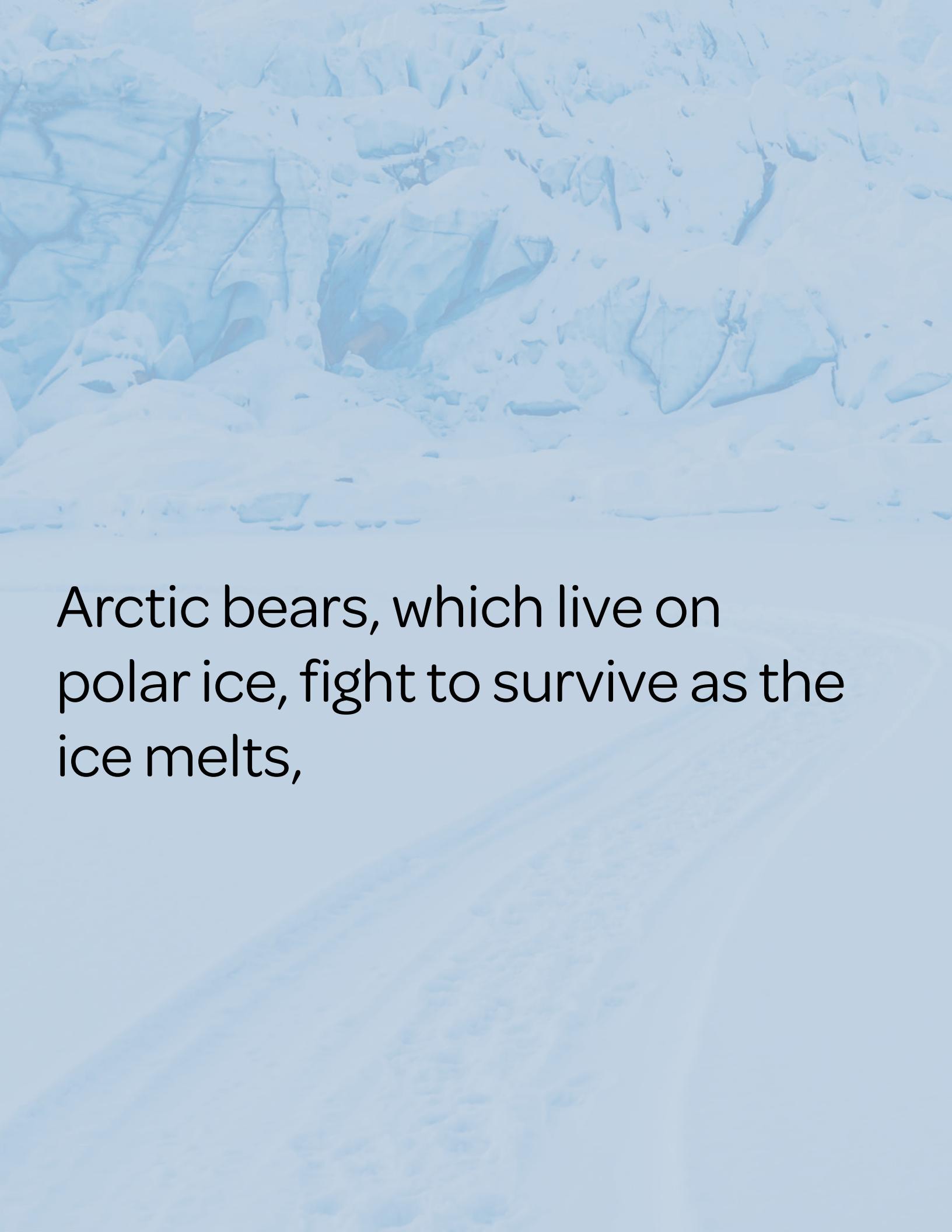




Increased

drought





Arctic bears, which live on
polar ice, fight to survive as the
ice melts,



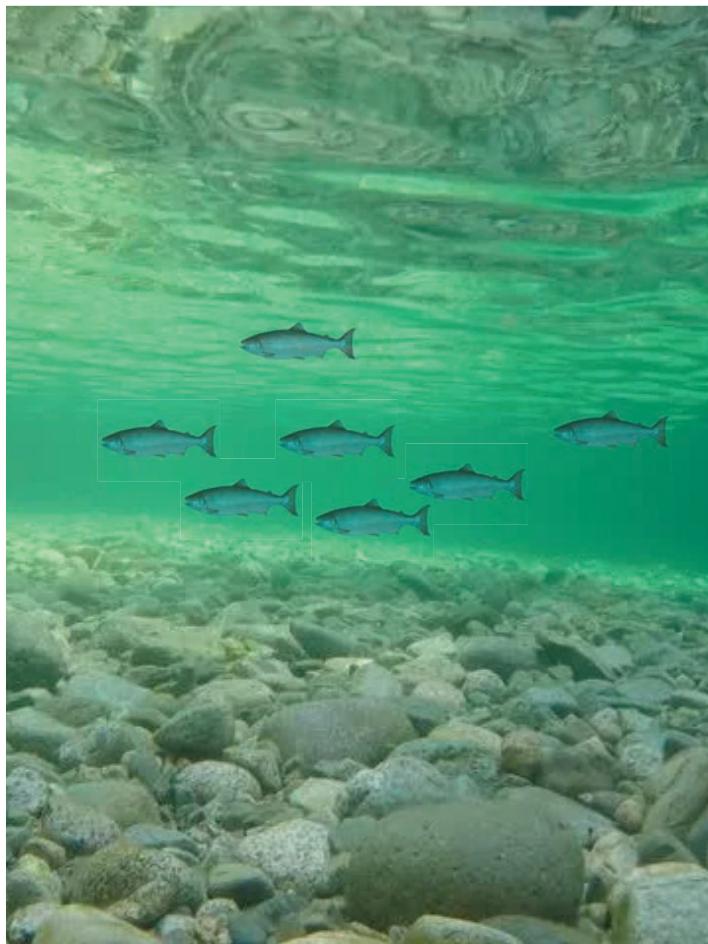




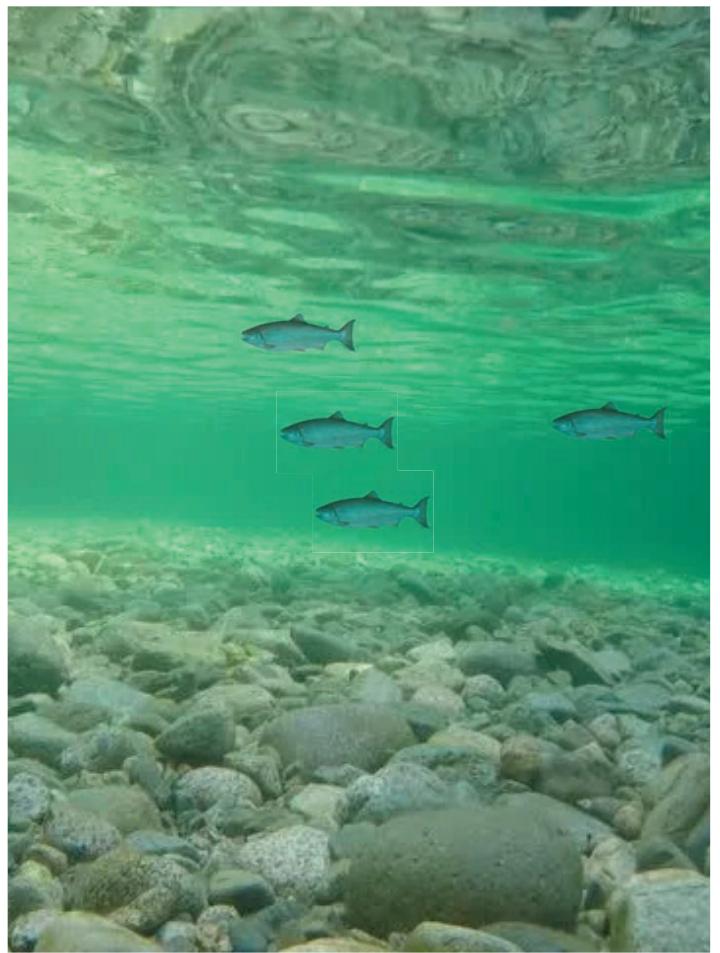


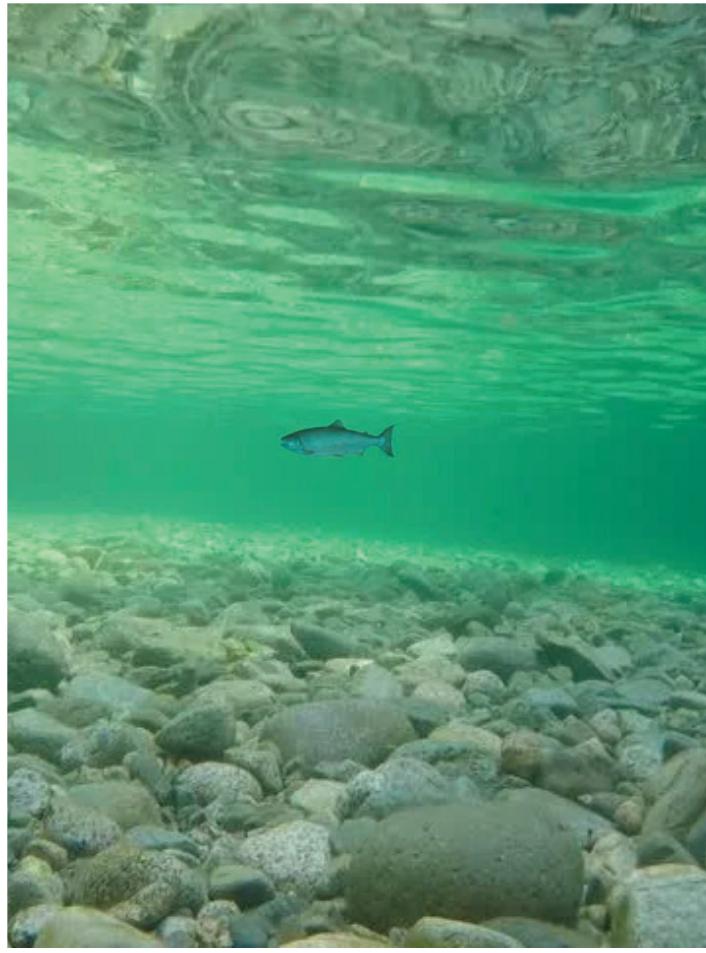
while salmon rely on icy,
steady-flowing rivers to breed

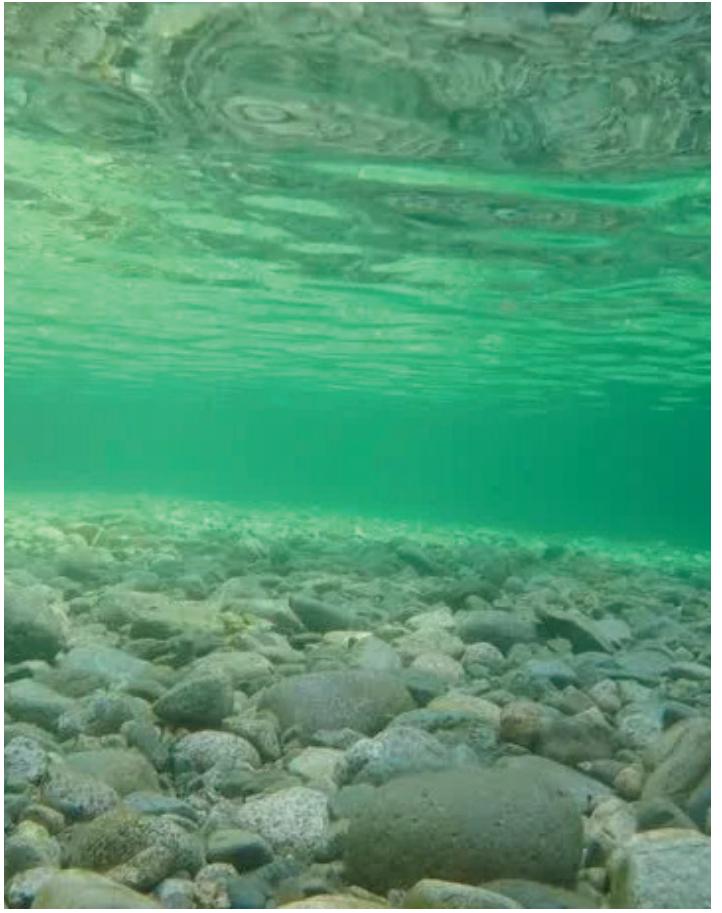




Some salmon populations are declining as climate change impacts the temperature and flow of particular streams.

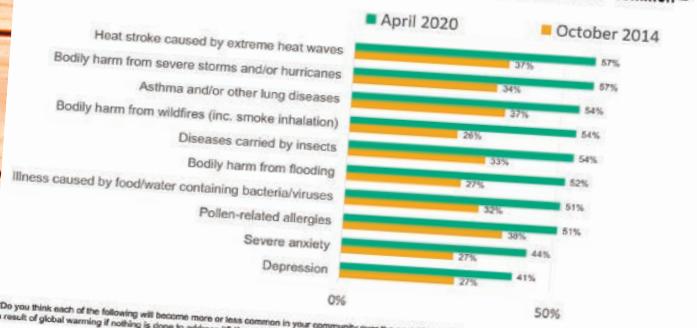








An Increasing Number of Americans Think Global Warming's Harms to Human Health Will Become More Common - % responding "Much more," "Somewhat more," or "a little more" common -



"Do you think each of the following will become more or less common in your community over the next 10 years as a result of global warming if nothing is done to address it? If you're not sure, please provide your best estimate."

October 2014 (N = 1,275) and April 2020 (N = 1,029)

WIRELESS AND
CLIMATE CHANGE
COMMUNICATION

GEORGE MASON UNIVERSITY
CENTER FOR CLIMATE CHANGE
COMMUNICATION

Human harm,



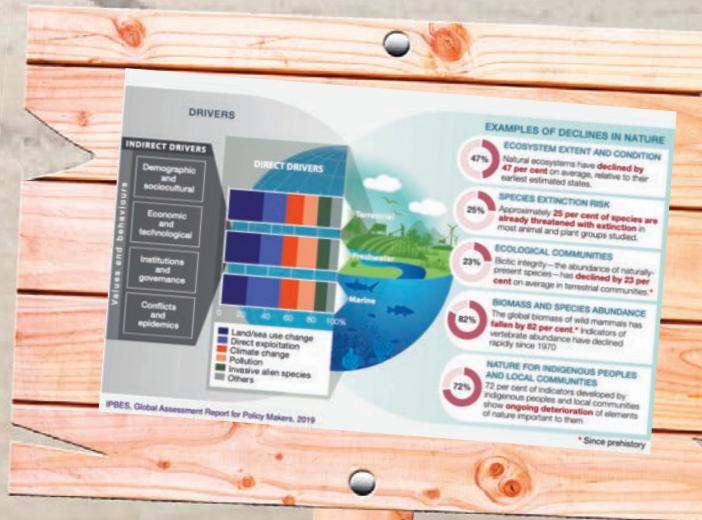


property
damage,



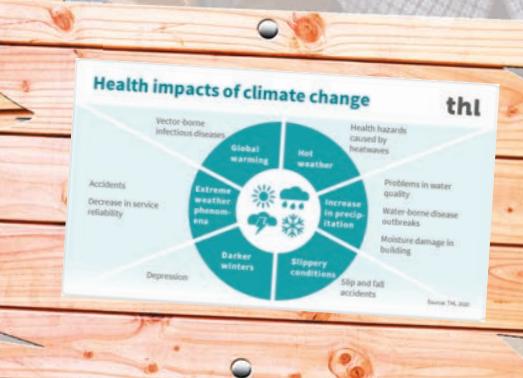
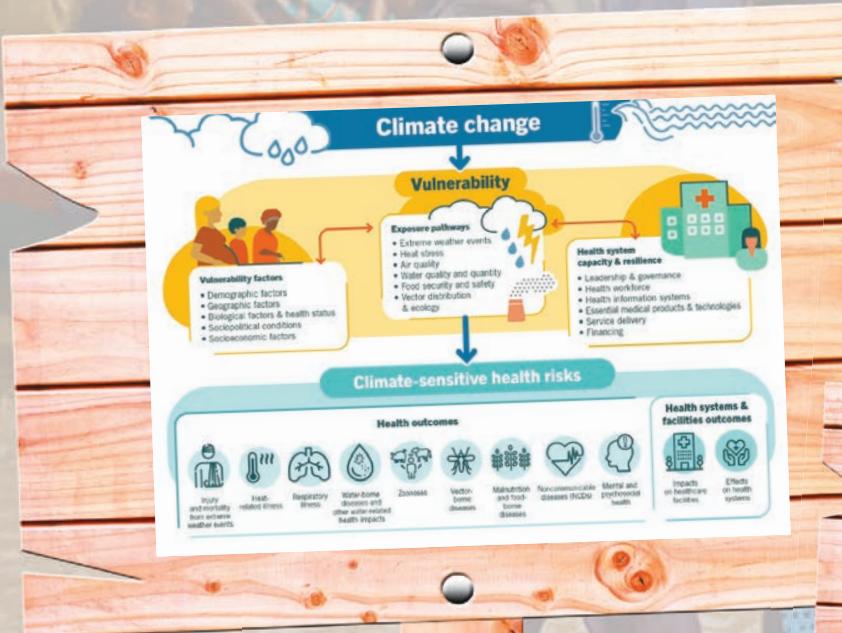


LOSS'





&



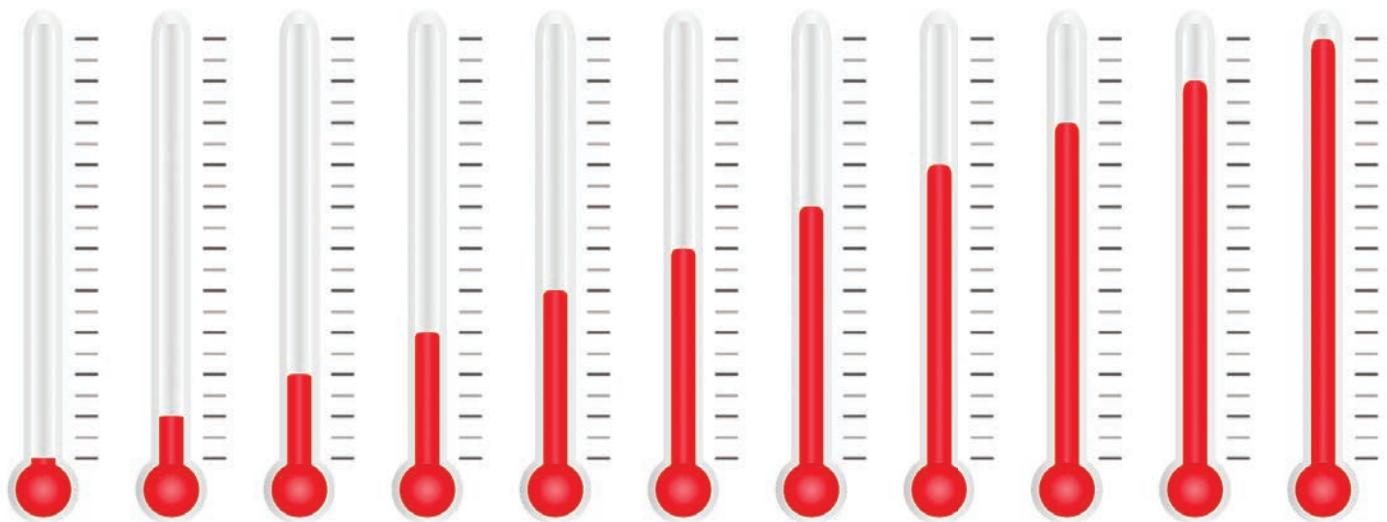


illness



Warming ocean temperatures melt polar ice, causing ocean currents and fish migrations to alter.

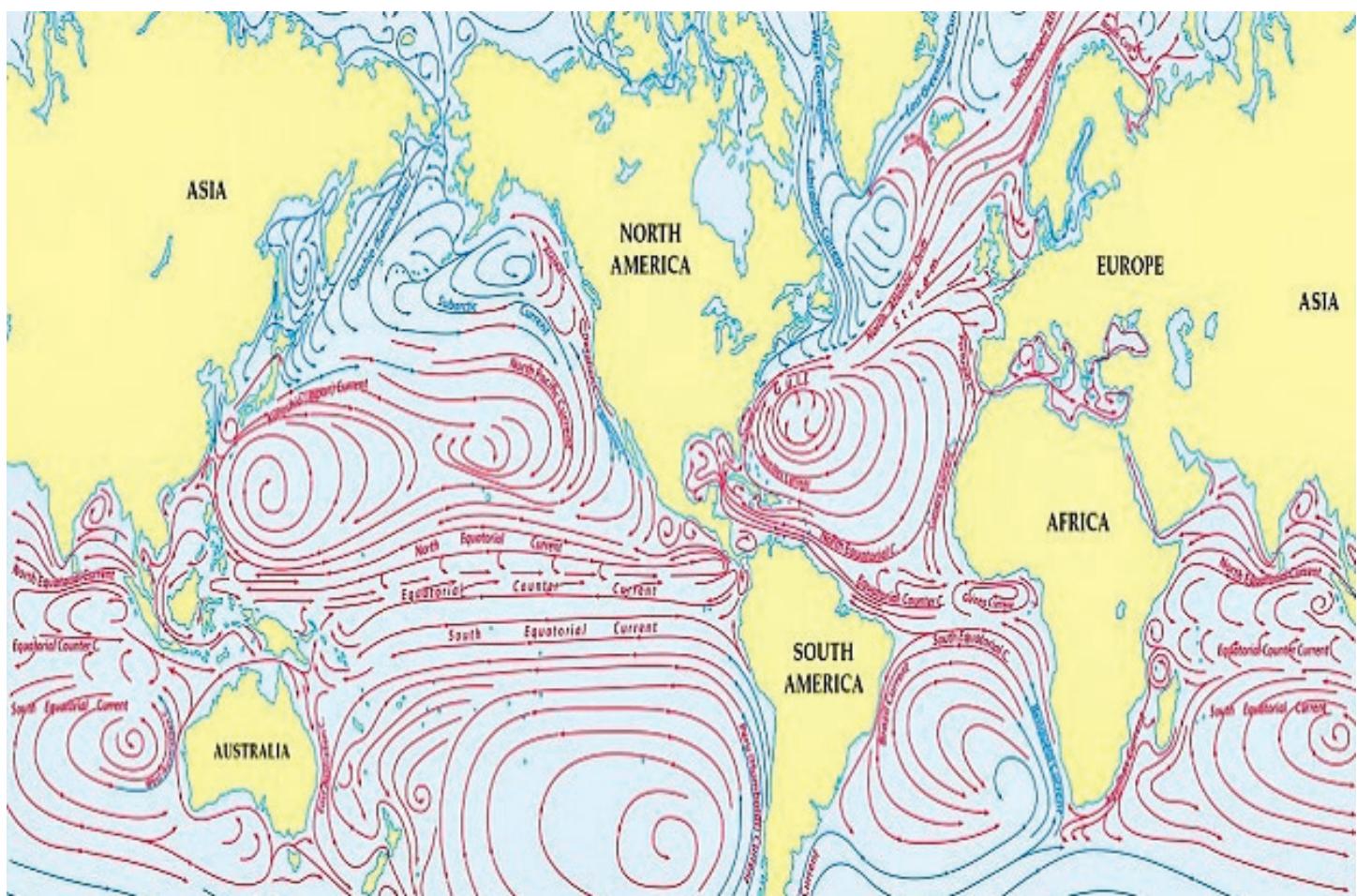
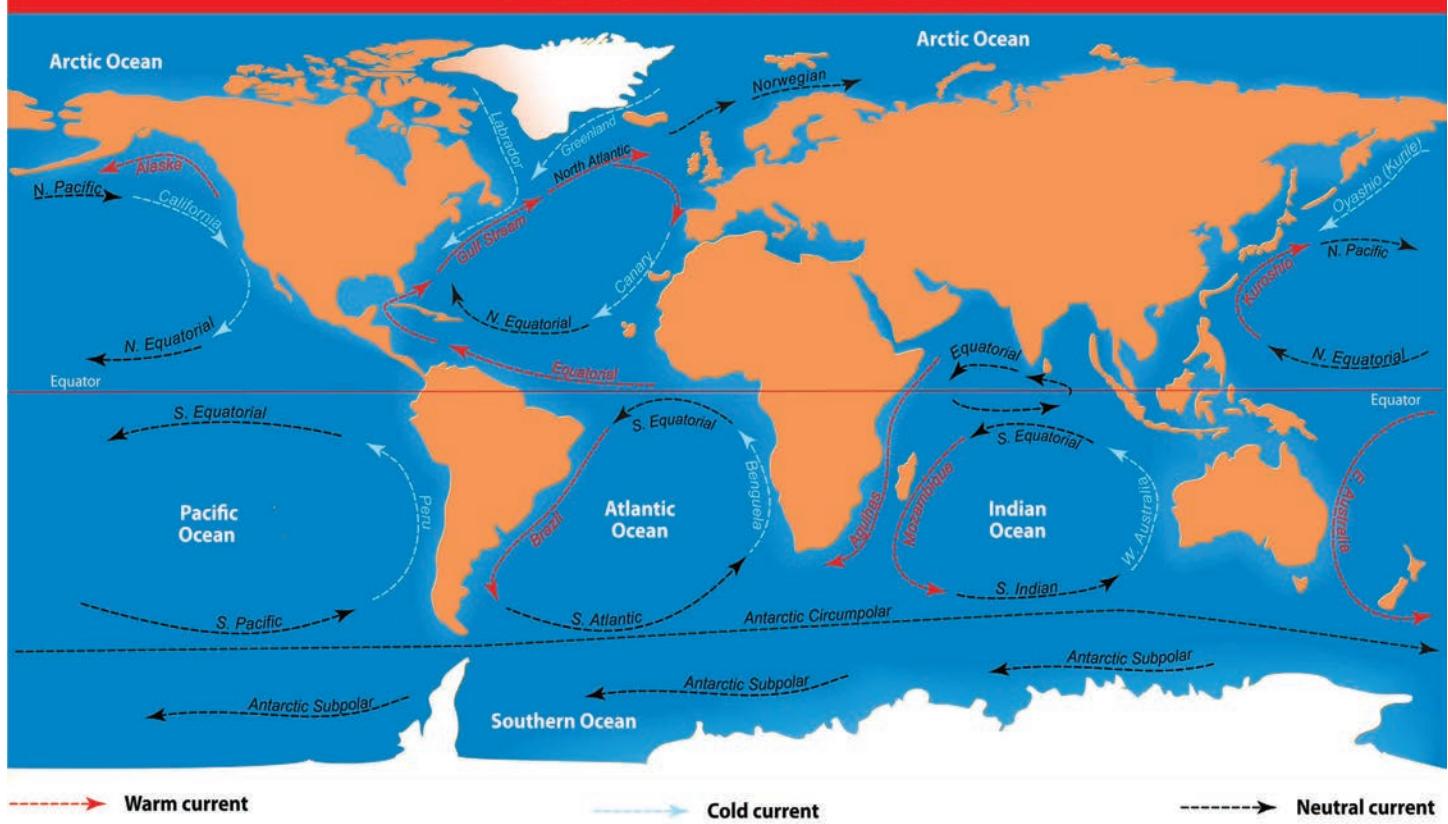








OCEAN CURRENT

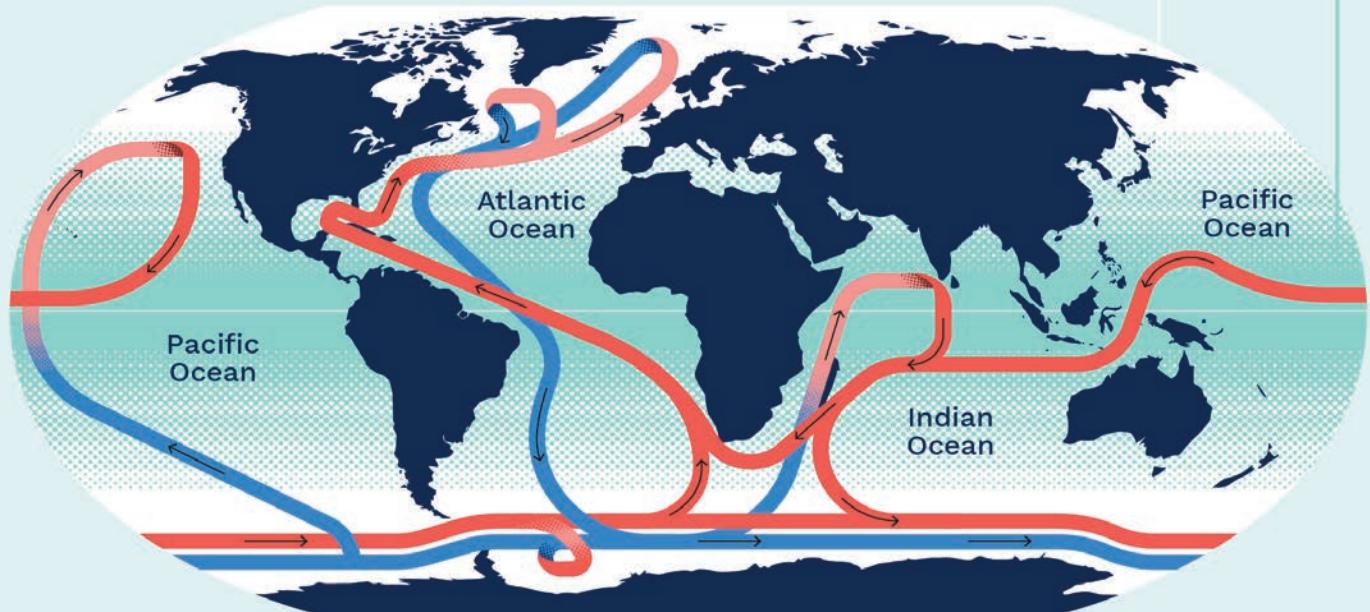




Melting polar ice is weakening ocean currents

Meltwater makes seawater less salty, and therefore lighter and slower to sink

- Warm surface flow
- Cool subsurface flow
- Lower salinity
- Higher salinity



Source: NASA

The great ocean conveyor belt

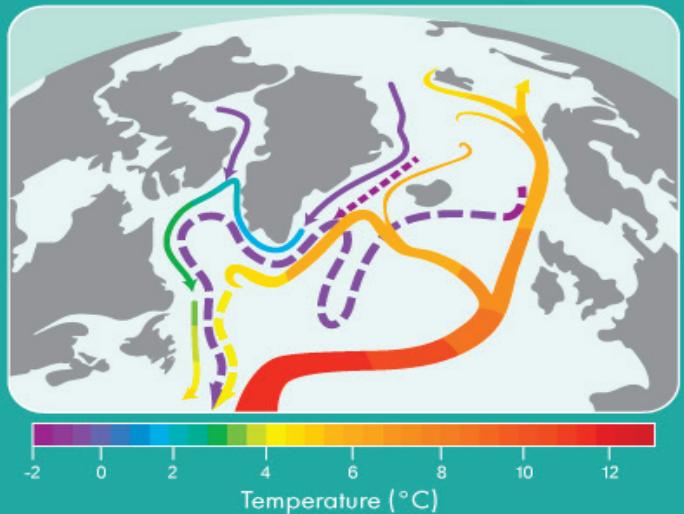
Ocean Currents Slowing

Great Ocean Conveyor Belt



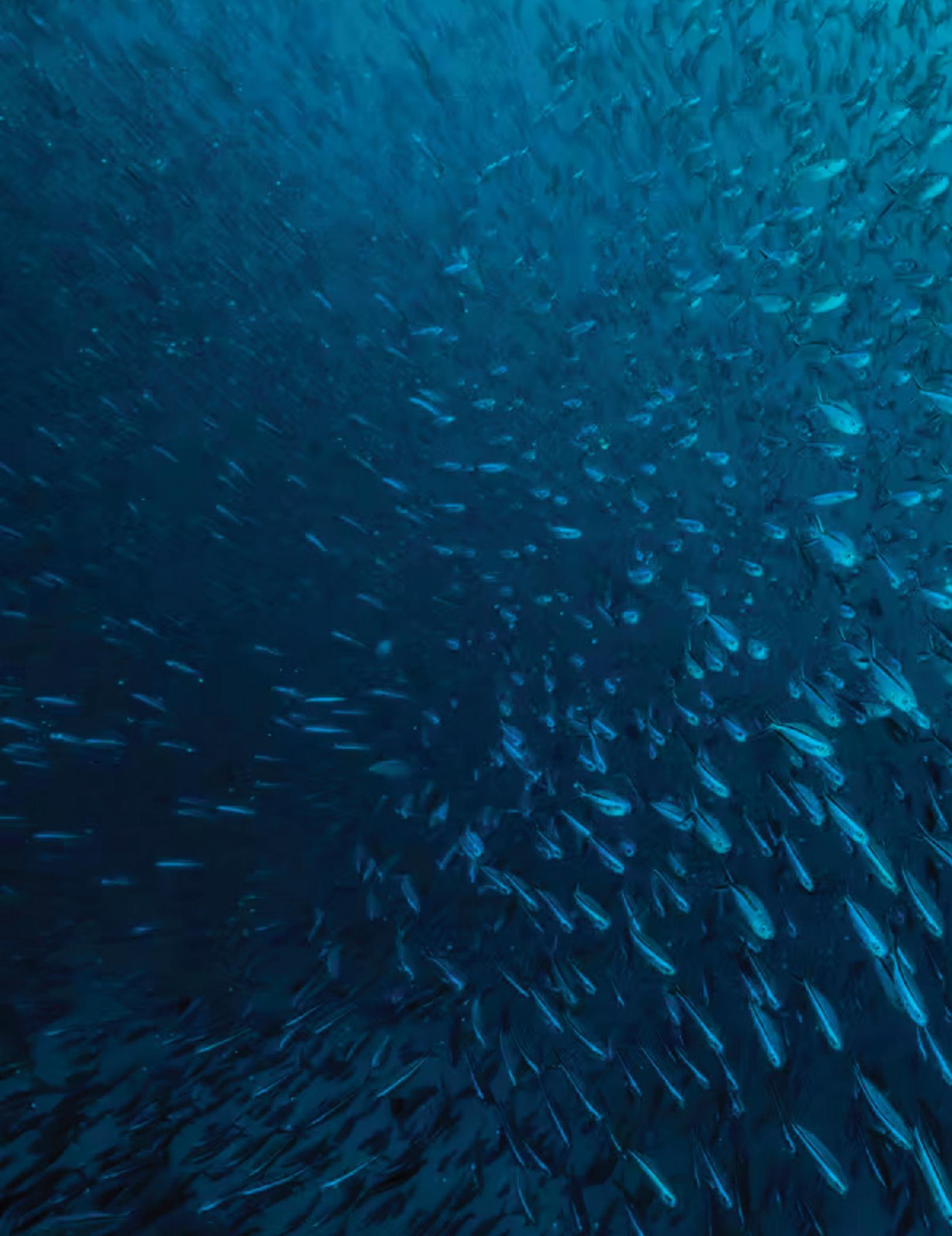
Cold Warm

Atlantic Meridional Overturning Current



-2 0 2 4 6 8 10 12
Temperature (°C)

The ocean current moves not only aquatic biomass, it drives atmospheric weather through evaporation, temperature, and current direction. Changing ocean currents equals changing weather and potentially stronger weather systems.





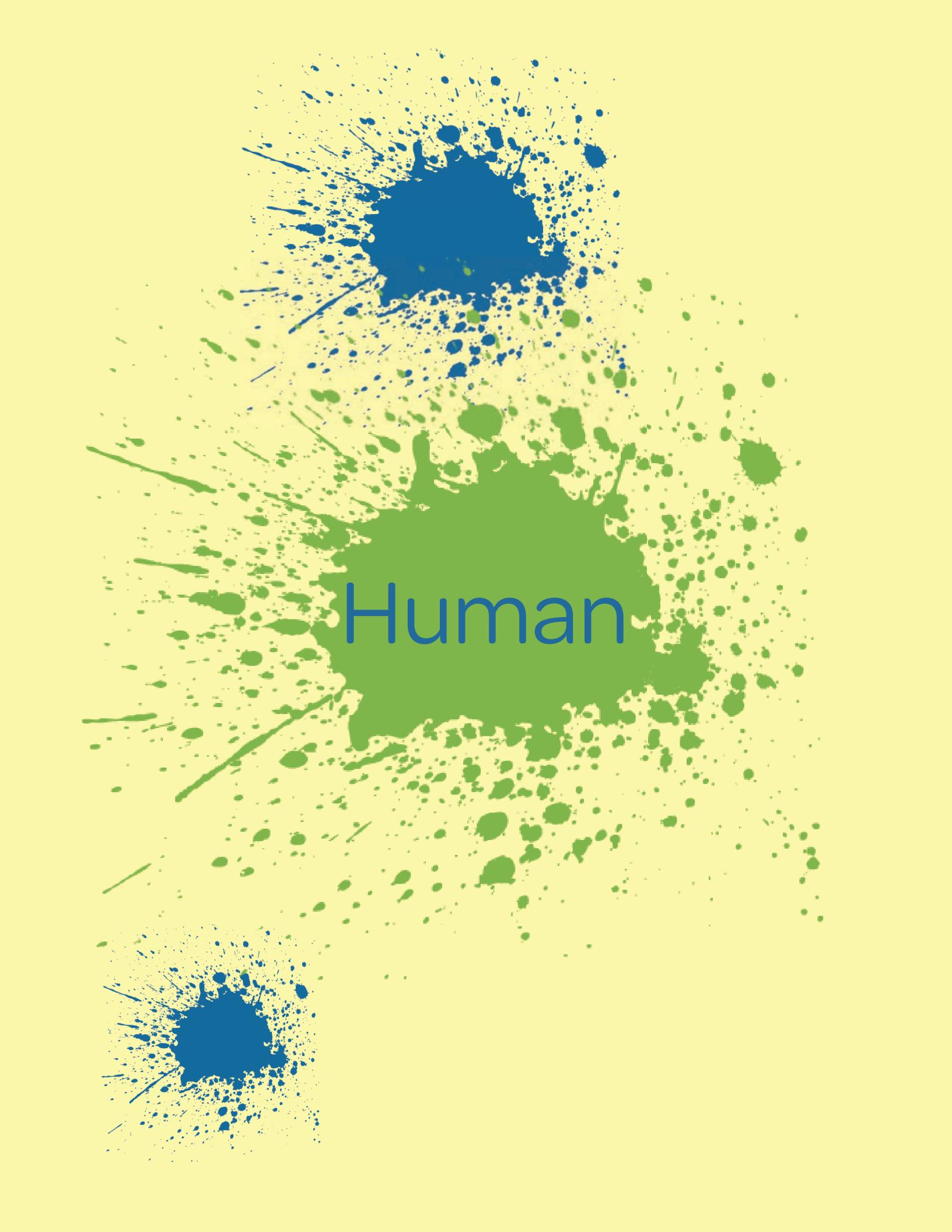




of
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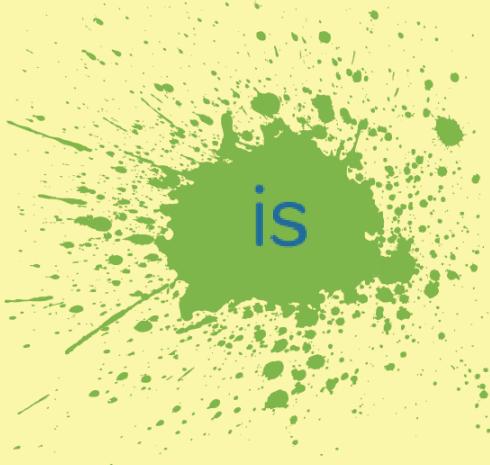






Human

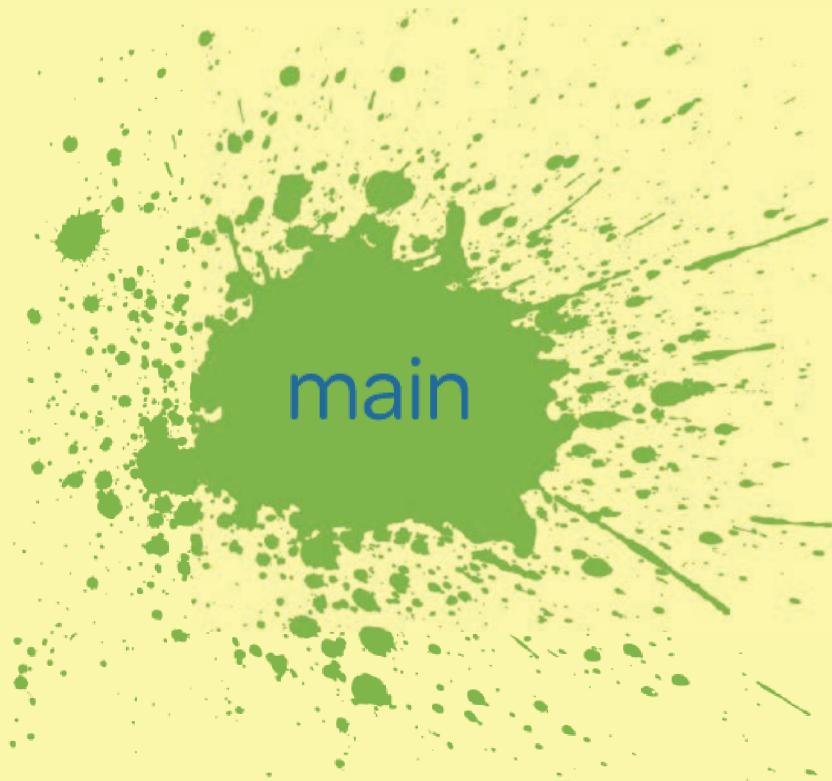
activity



is



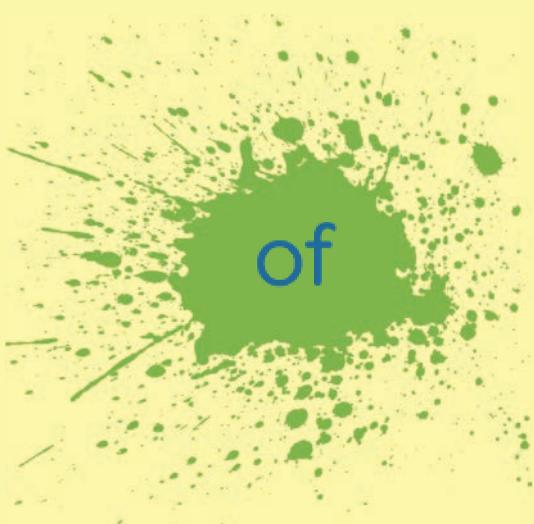
the

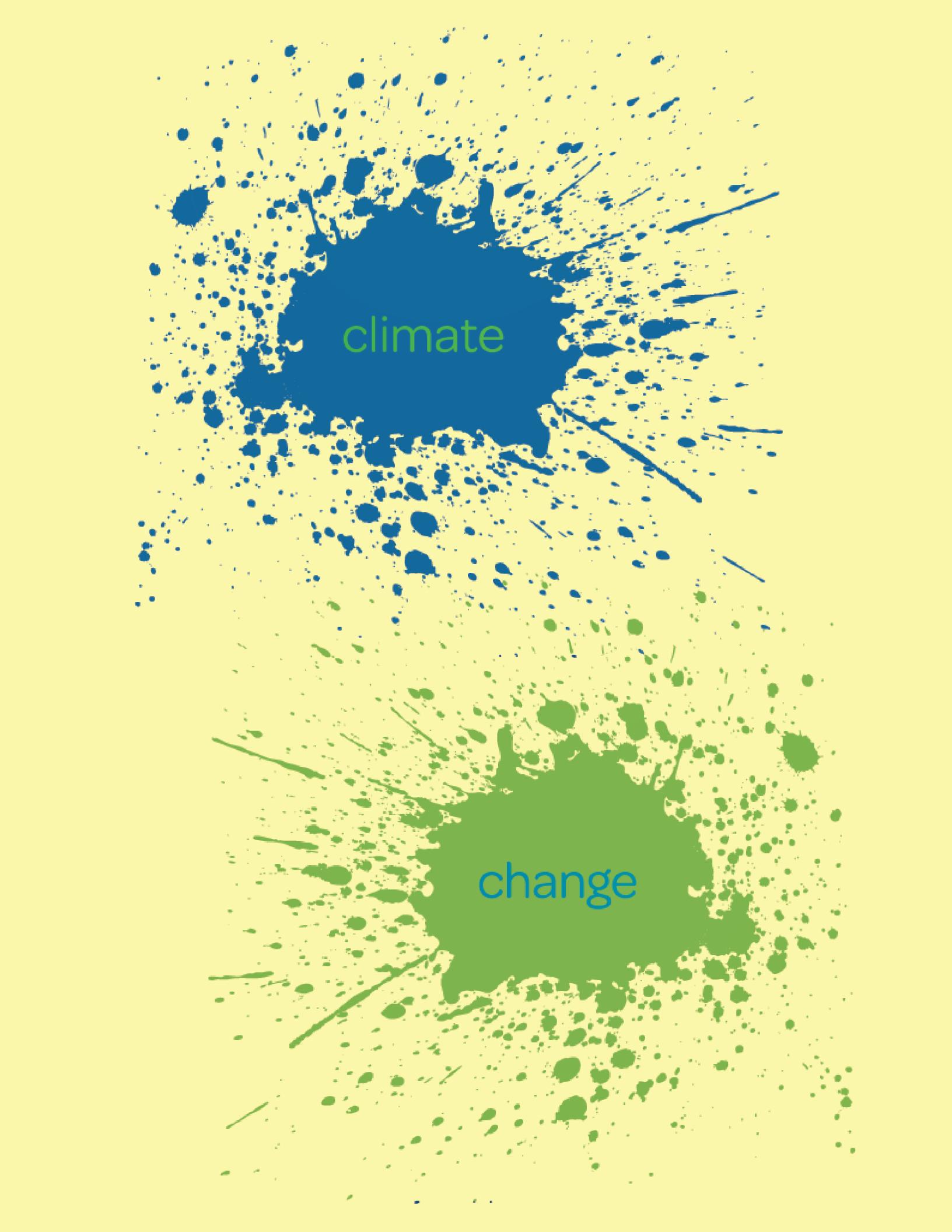


main



cause





climate

change

The combustion of
fossil fuels such as...







coal,

&



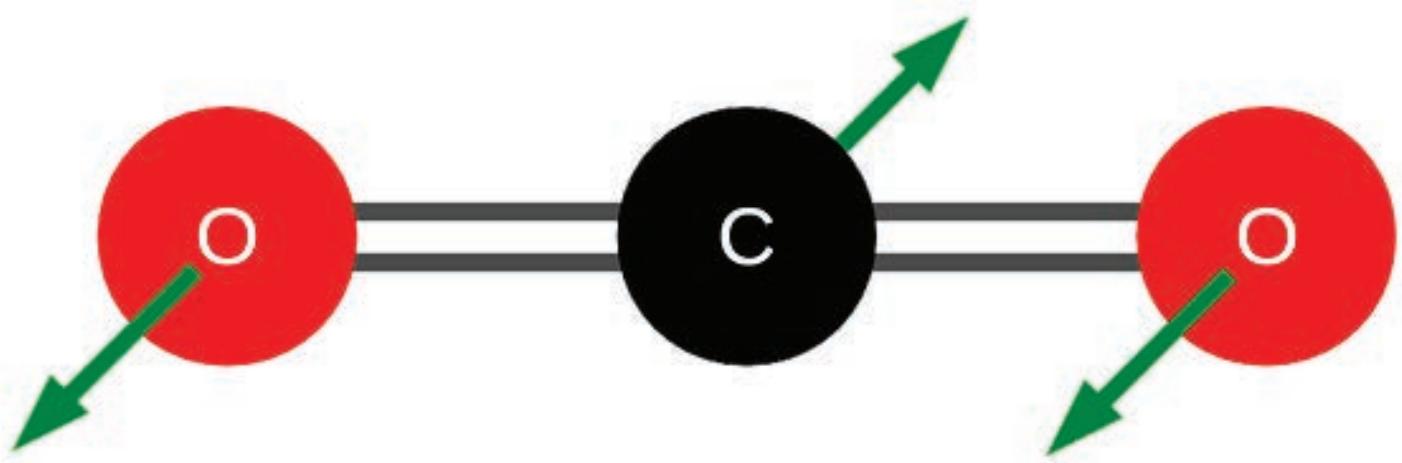
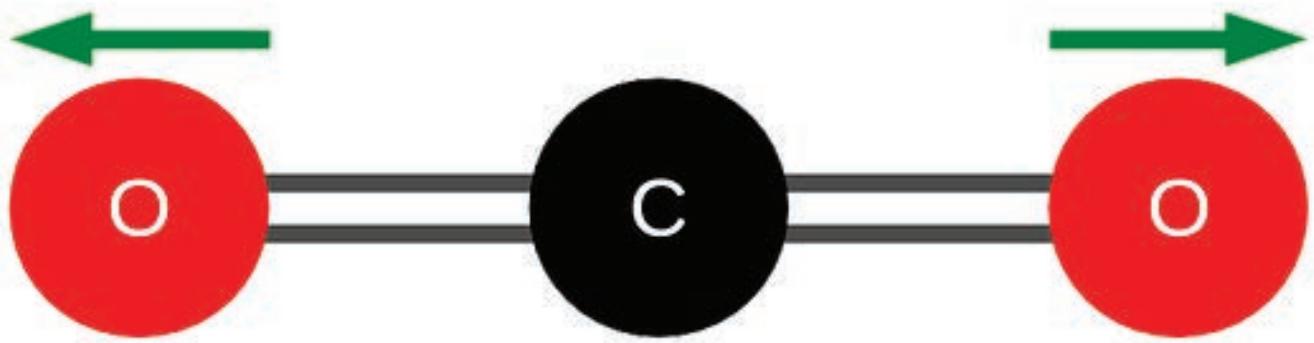
oil,

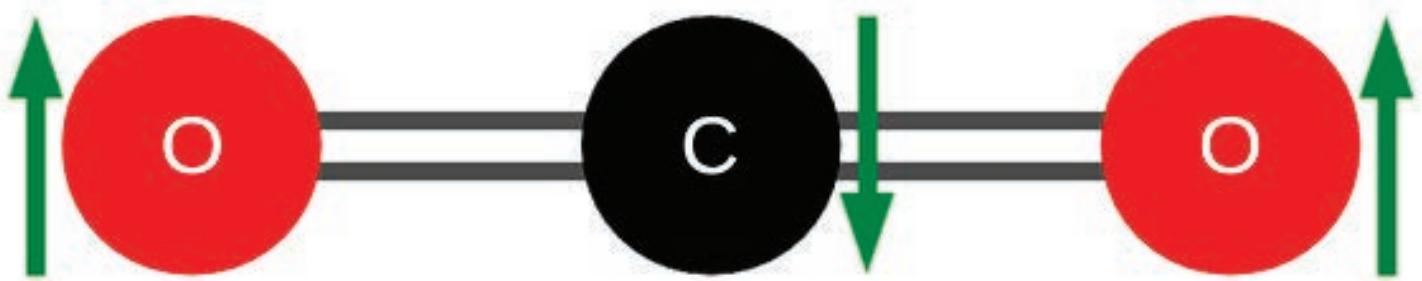
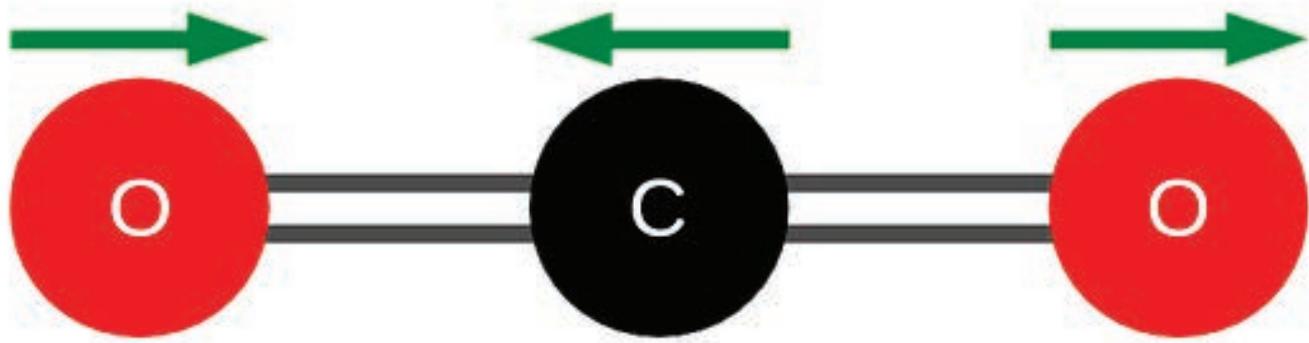
A large industrial facility with several tall smokestacks emitting thick black smoke against a dark sky.

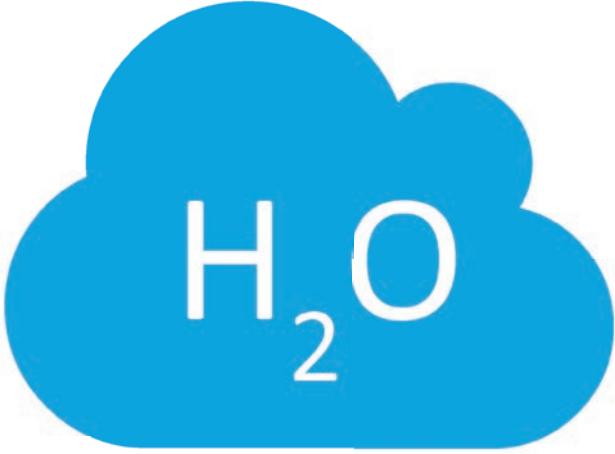
natural gases,

produces heat trapping
gases.

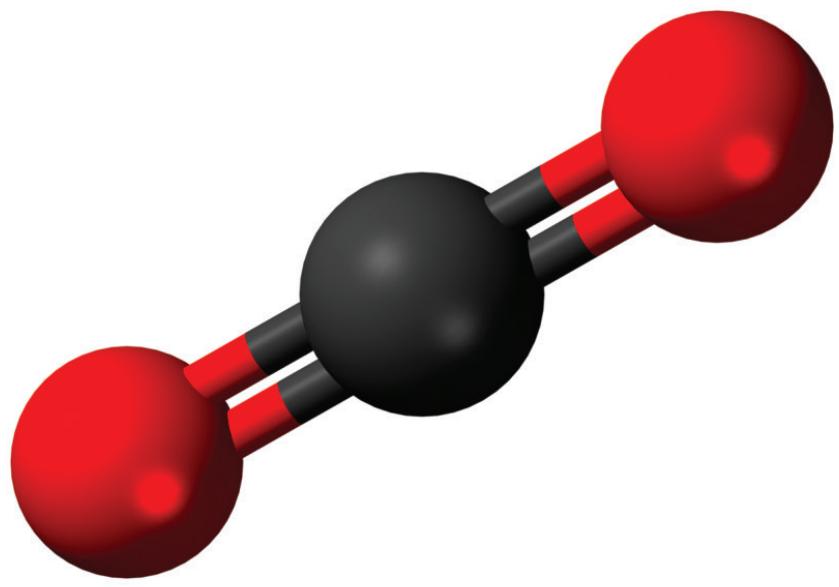


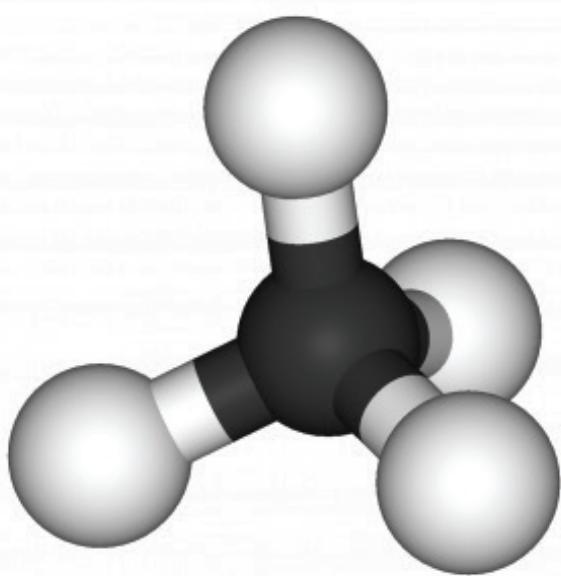


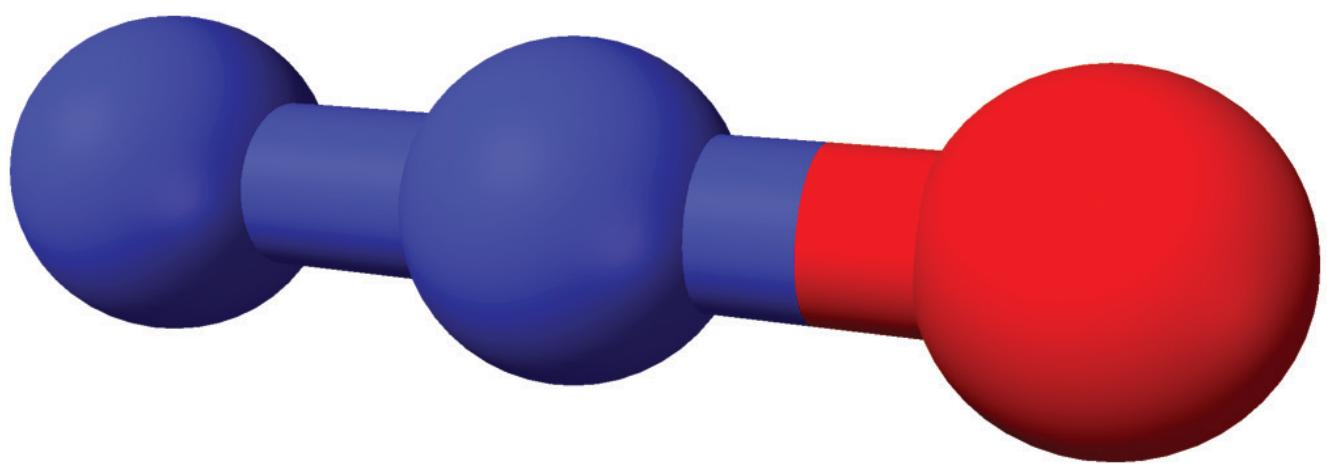


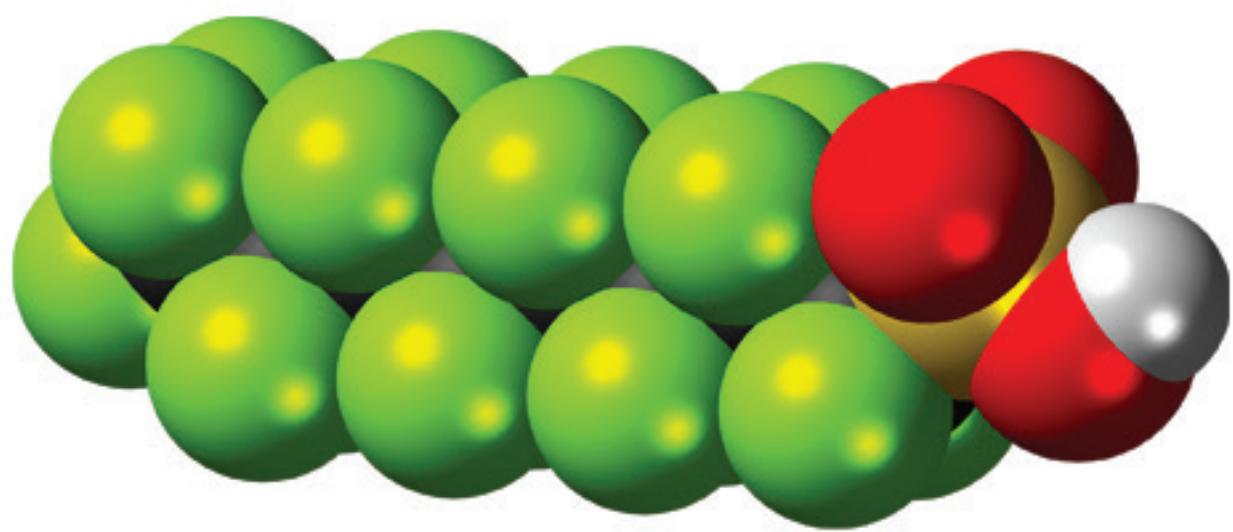


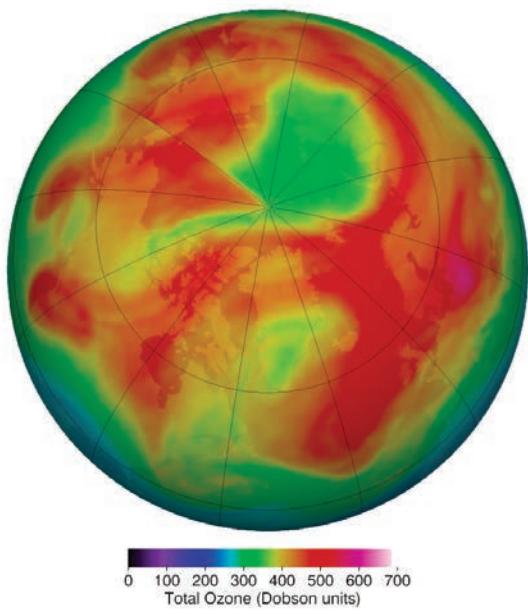
H₂O



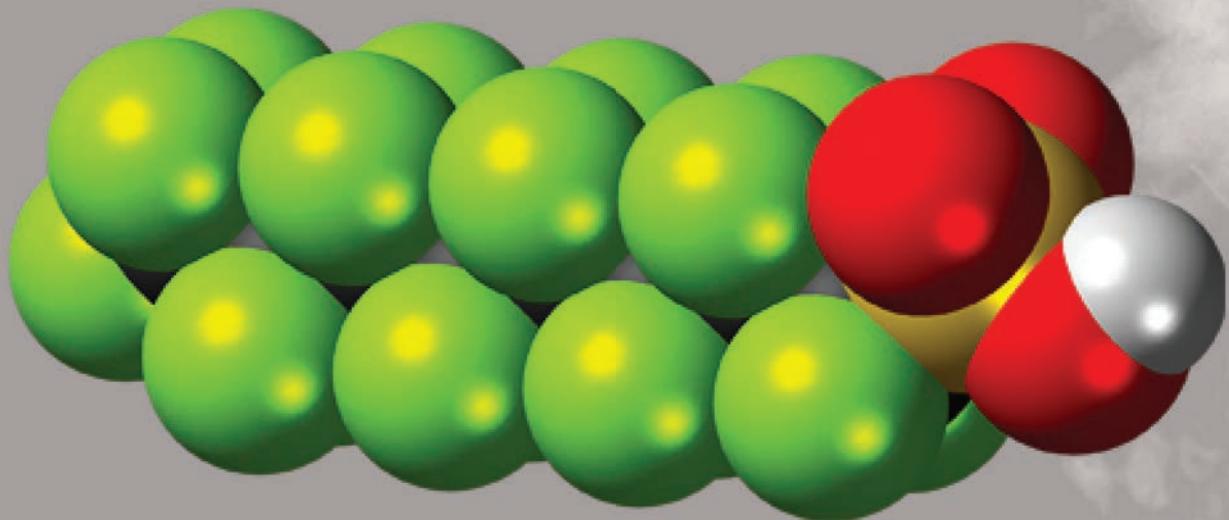
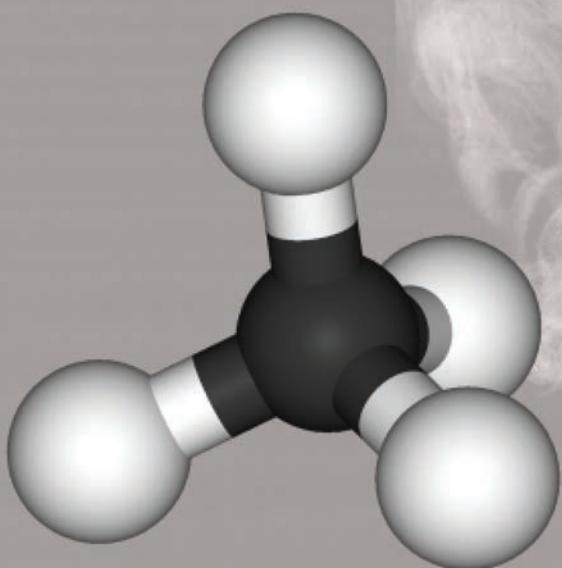


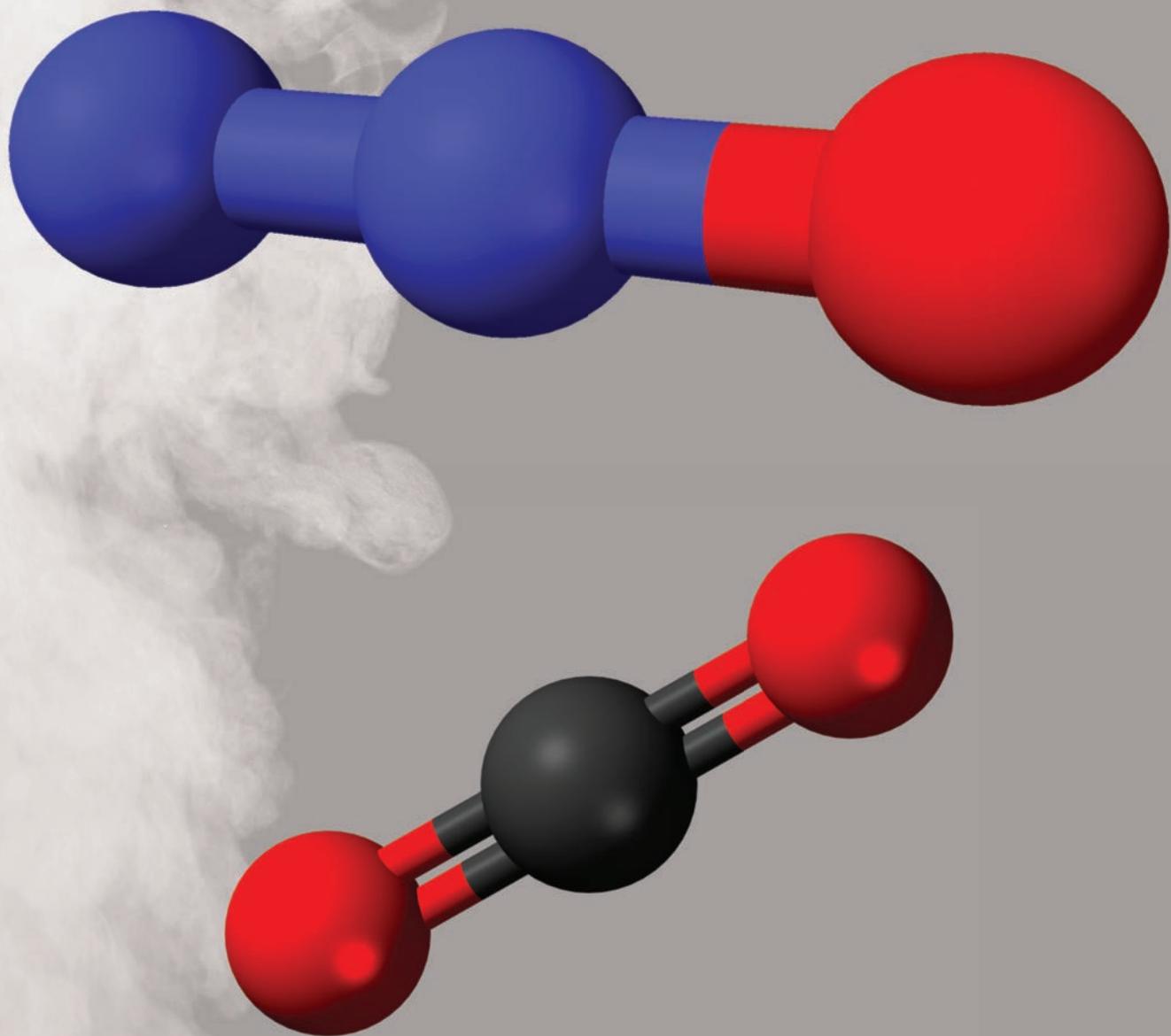
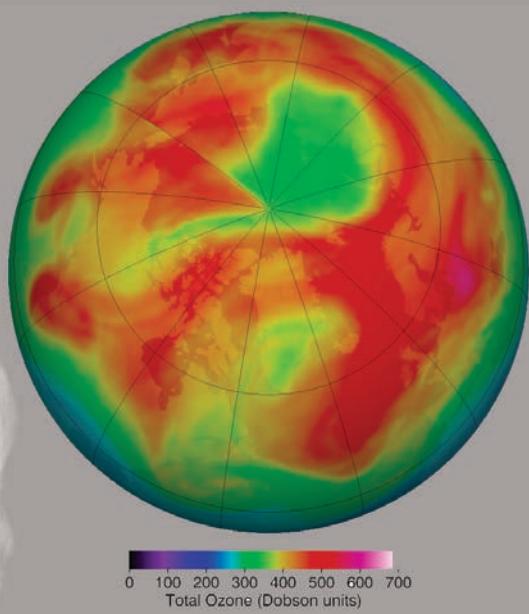






H_2O



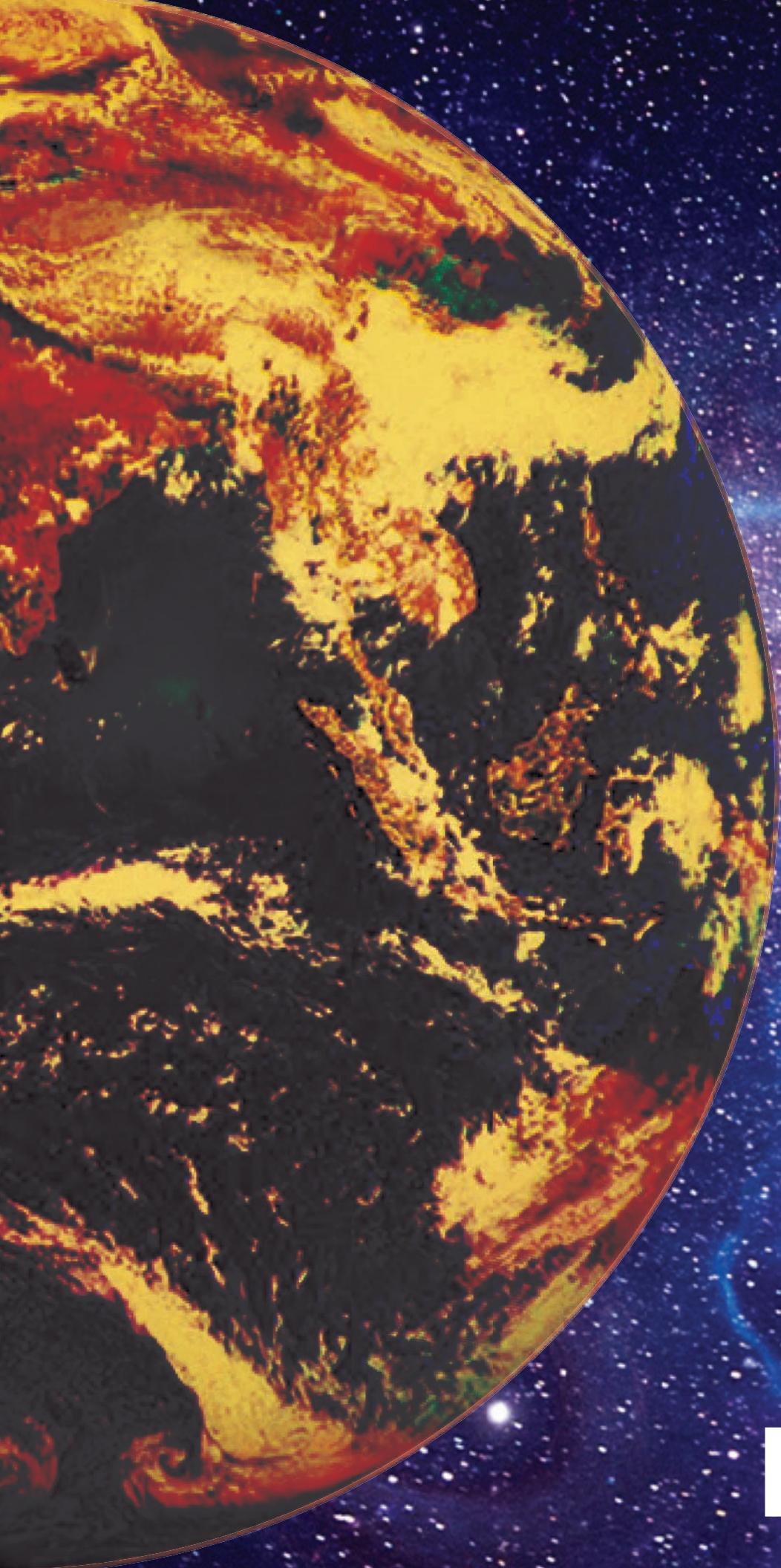






The reality
without
changes





part 3

People's actions

have a significant influence on the environment.





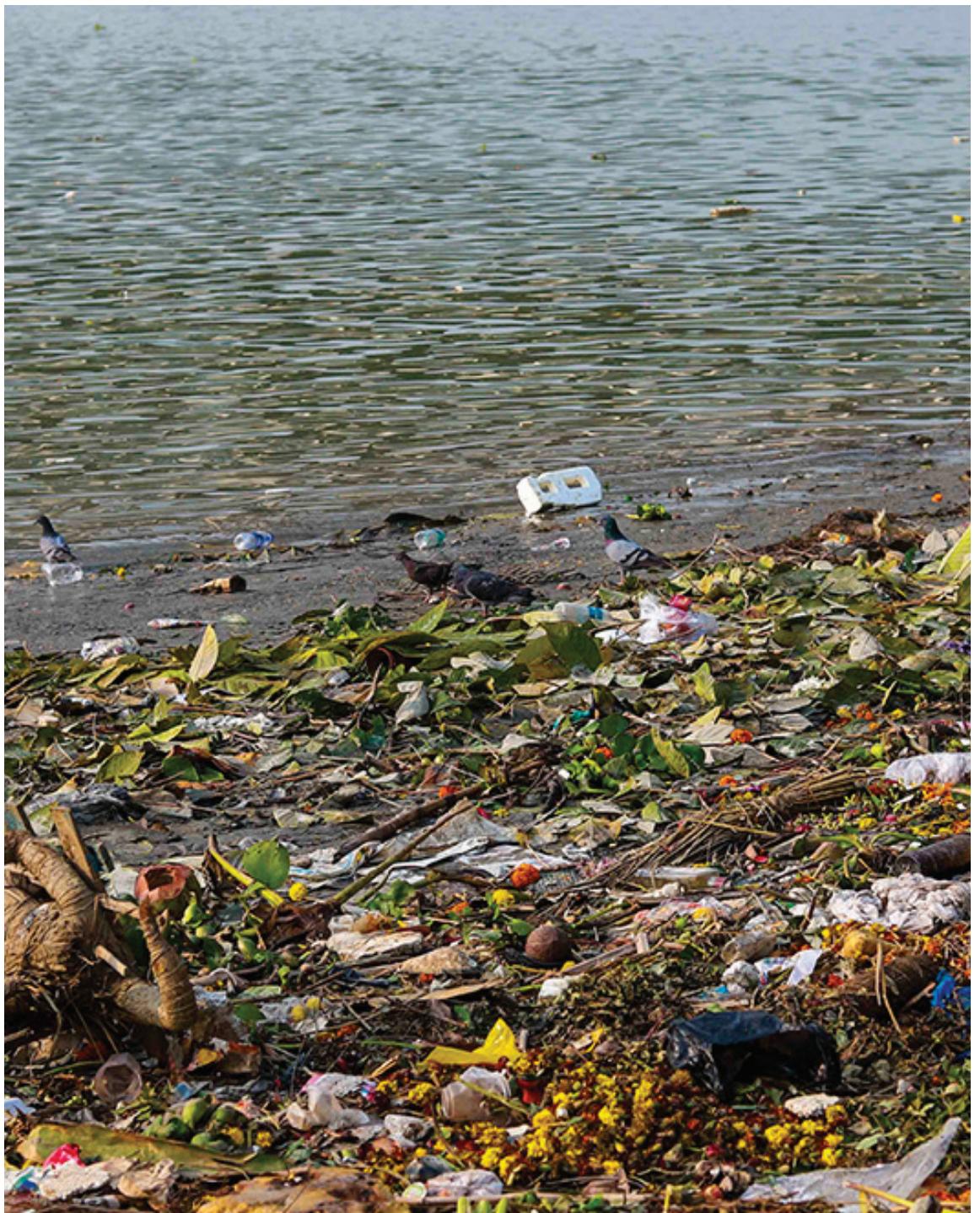




People should be
conscious of how their
actions may affect the
environment.











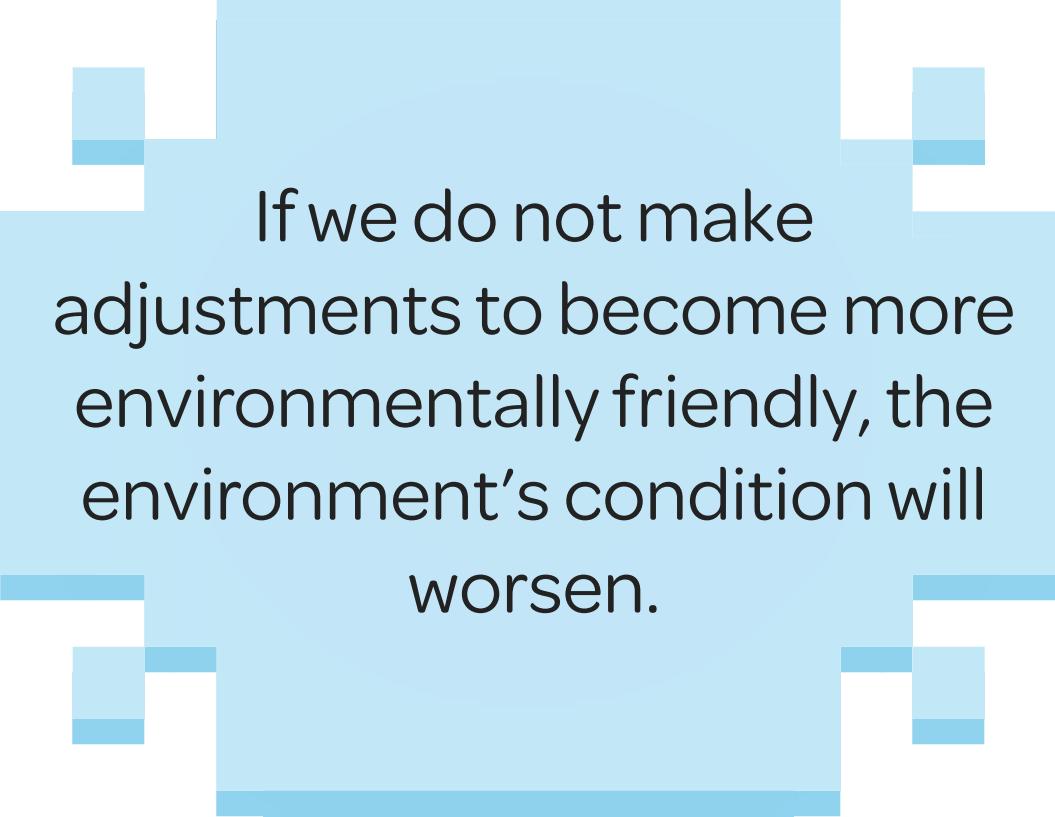








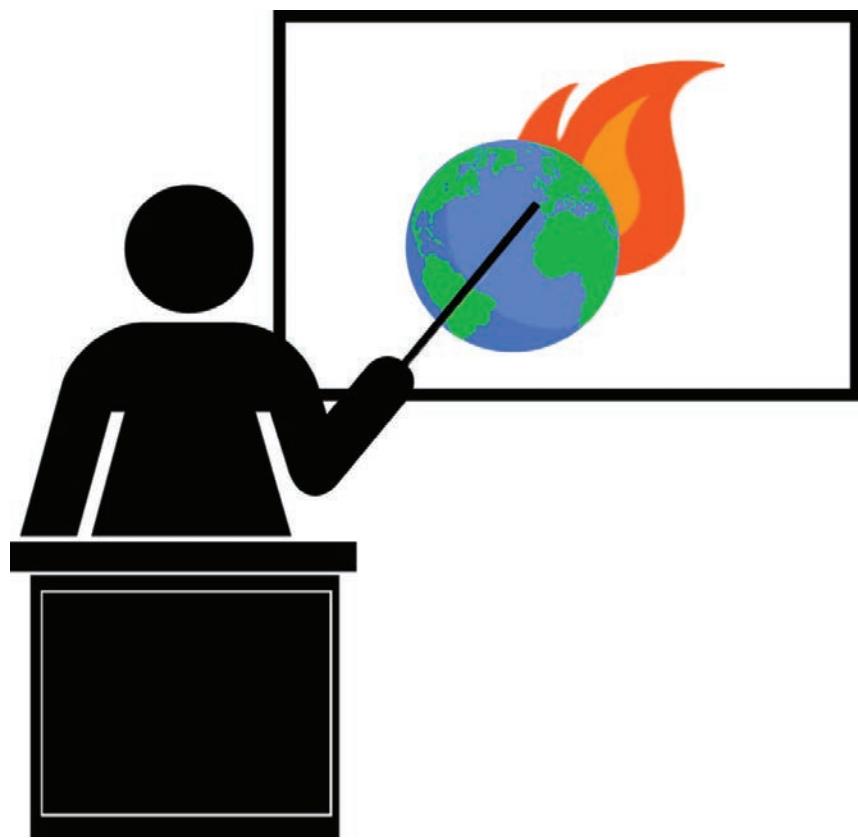


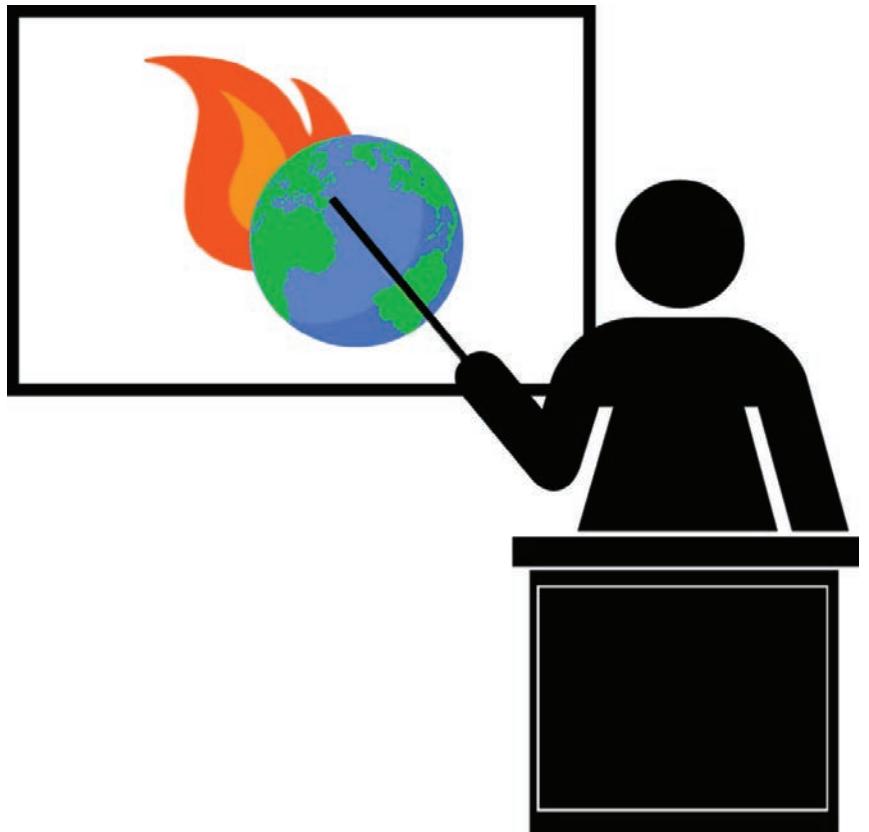


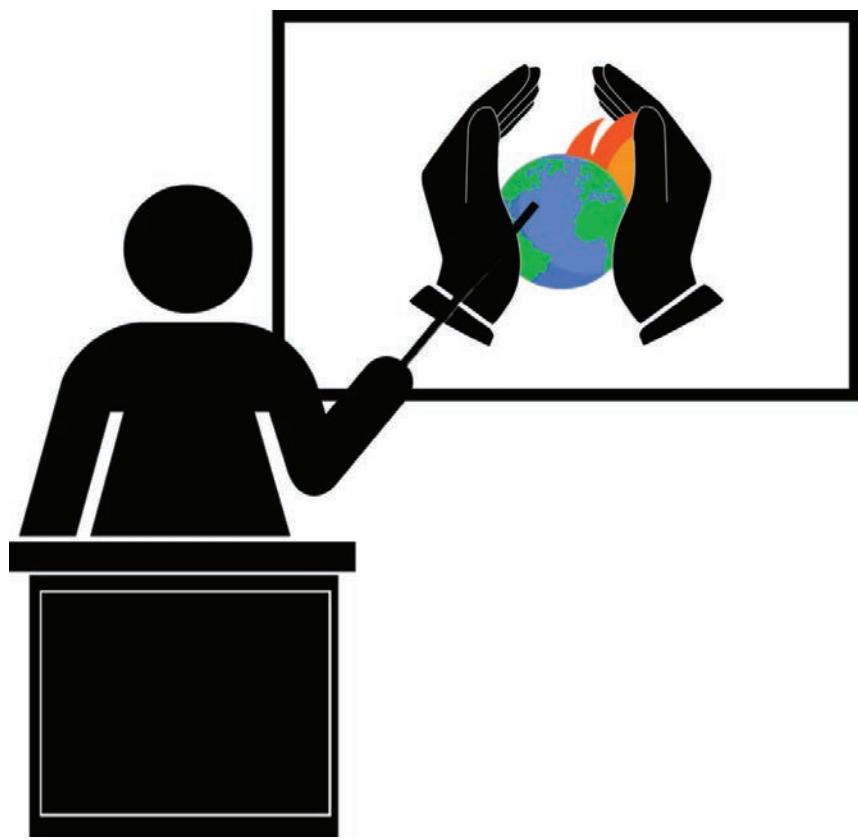
If we do not make
adjustments to become more
environmentally friendly, the
environment's condition will
worsen.

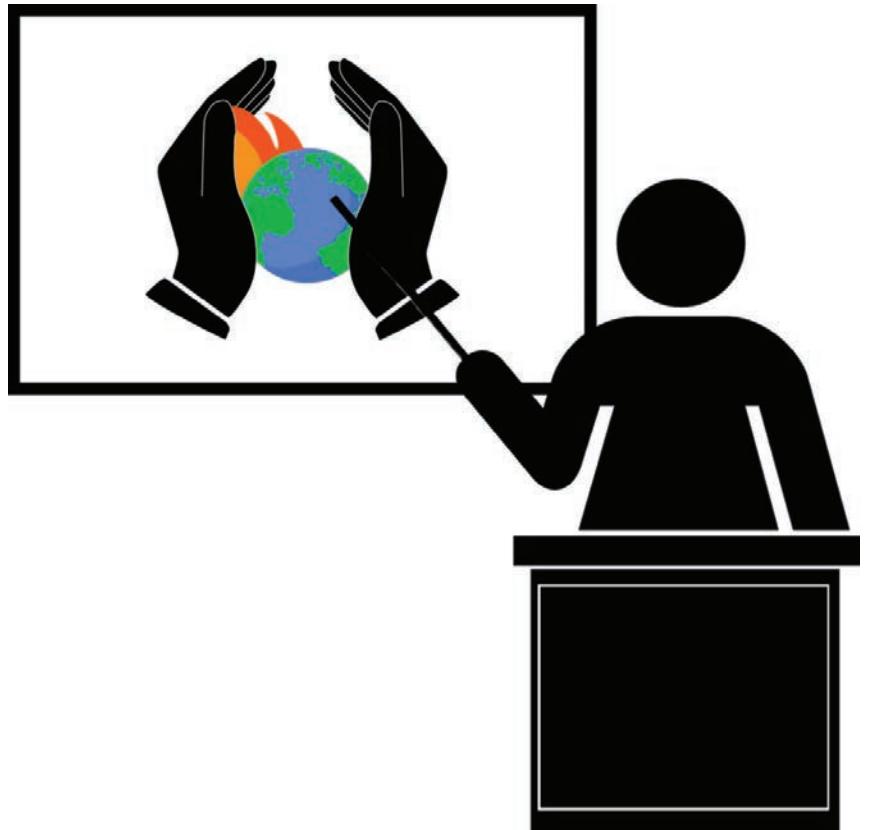




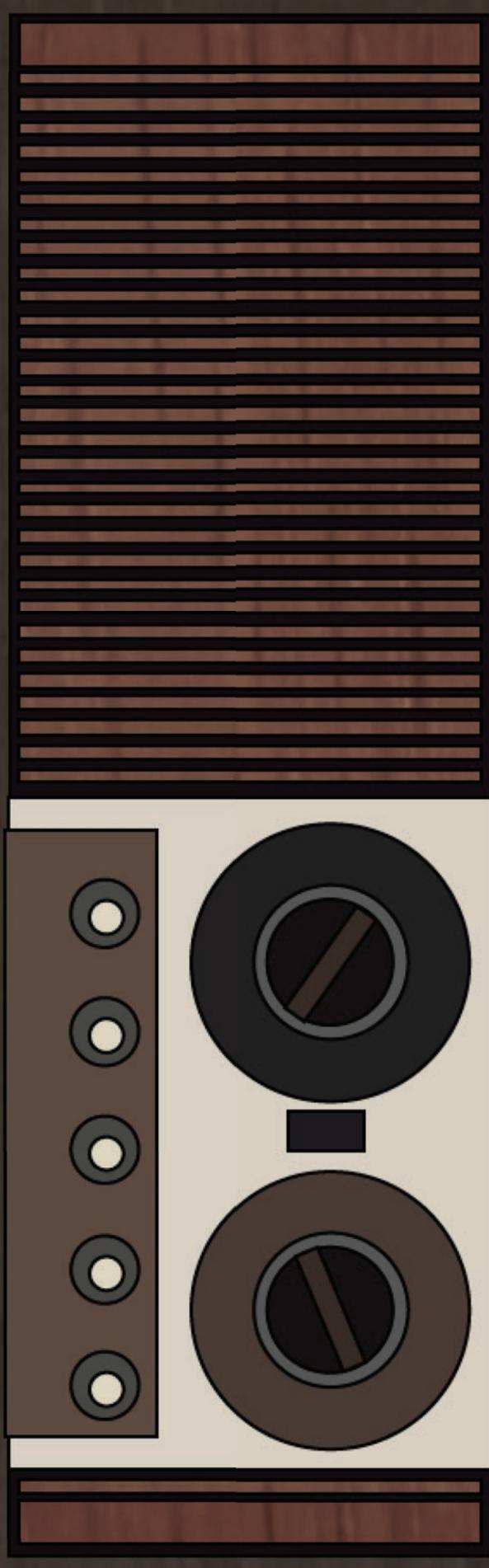




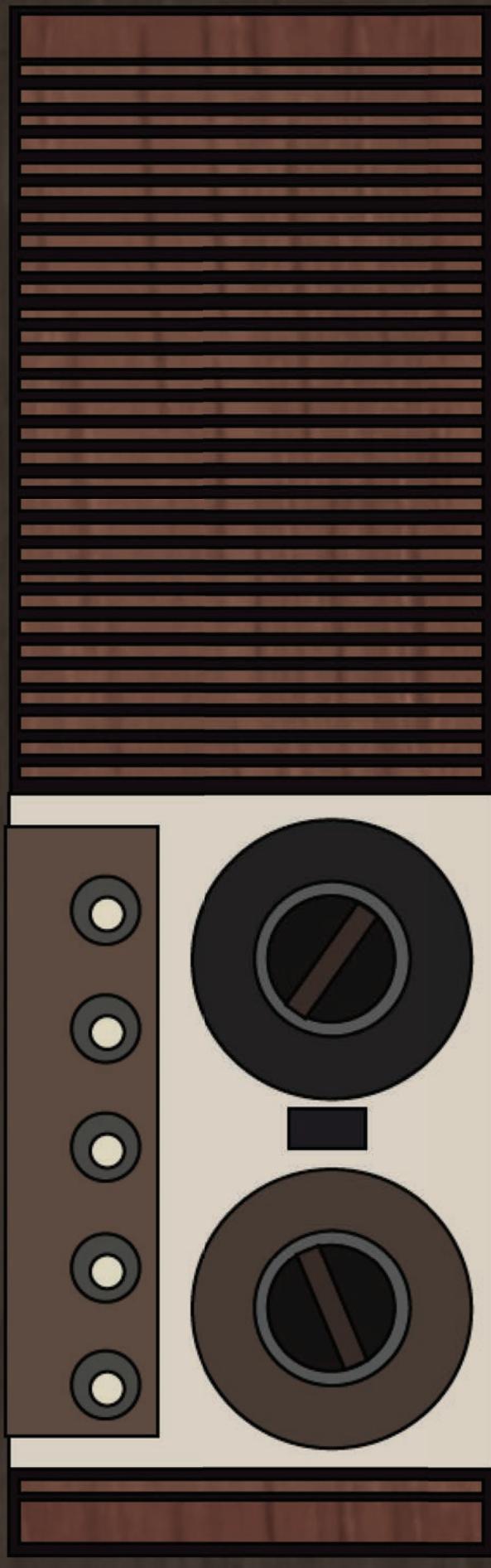


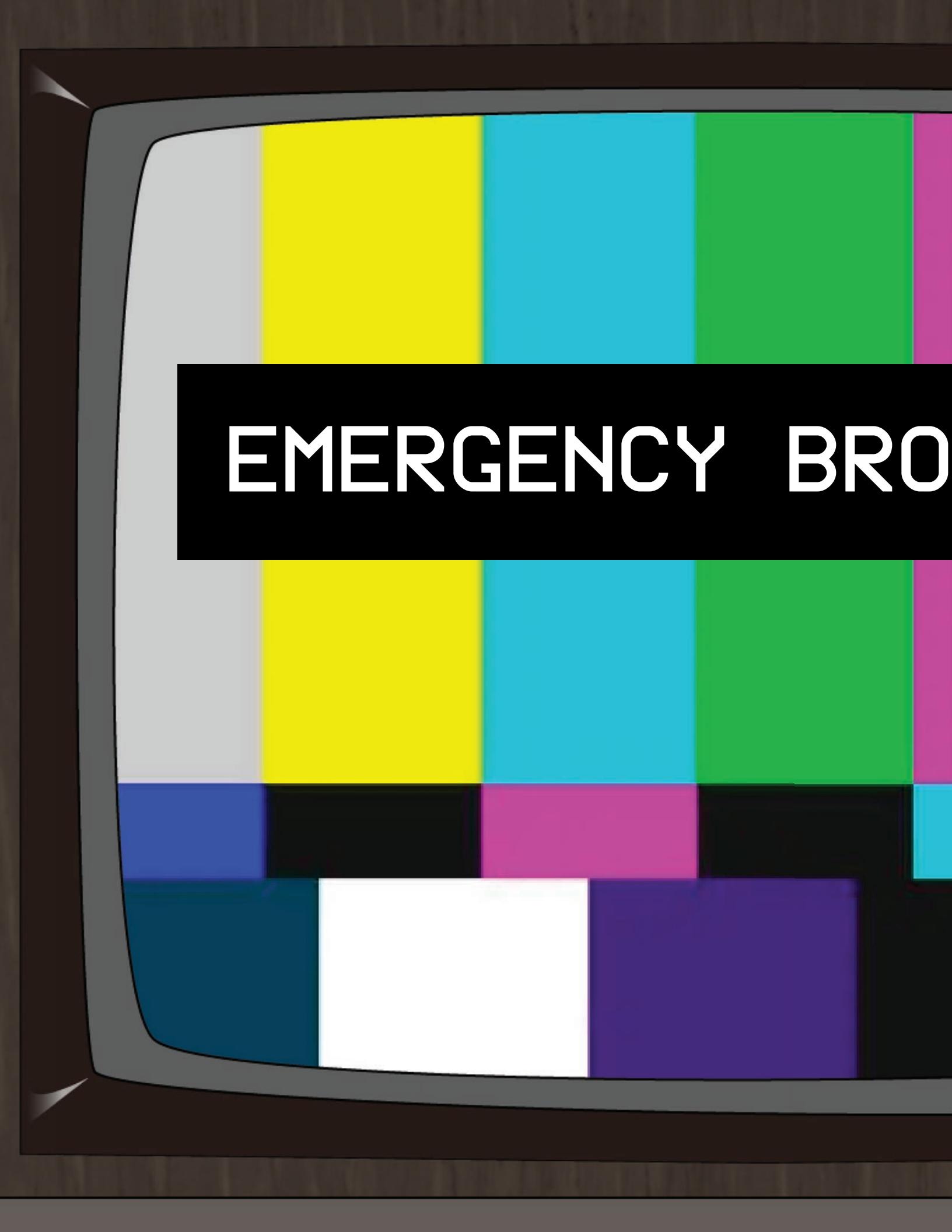












EMERGENCY BRO



The image features a minimalist graphic design. On the left, a television set is shown from a side-on perspective, its screen divided into four colored quadrants: pink at the top-left, red at the top-right, blue at the bottom-right, and black at the bottom-left. The word "ADCAST" is printed in white capital letters across the black section of the TV. On the right, there is a speaker system consisting of two large circular speakers and a vertical column of five smaller circular drivers. The background is a dark, textured surface.

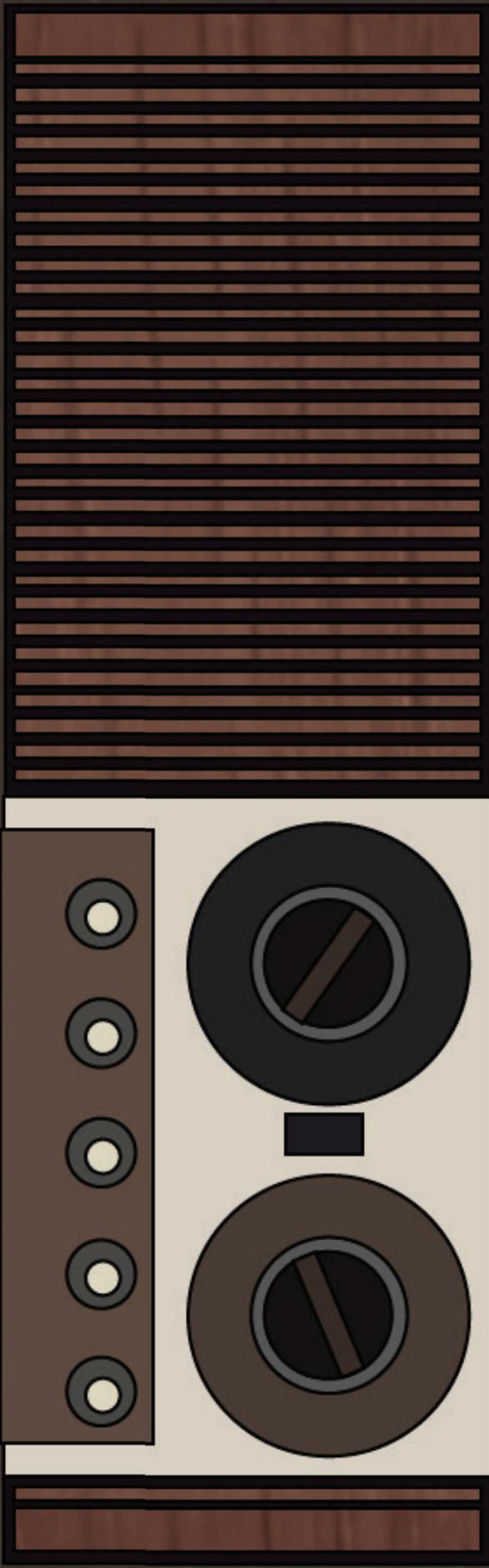
ADCAST

Emergency alert

A CHANGE MUST BE
REDUCE THE
CONSEQUENCES
CLIMATE CHAN

Page 1 of

details
done to
be
of
change
2



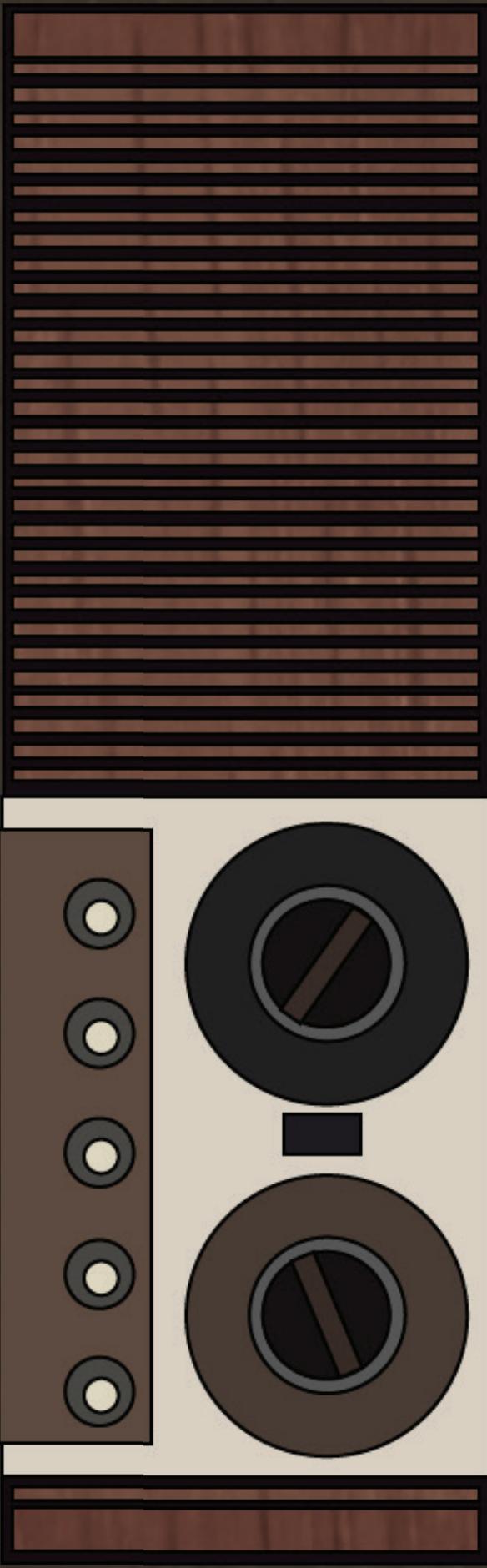
Emergency alert

SO THAT WHETHER E
IS WORRIED ABOUT
ENVIRONMENT MAY
ANSWERED AS "WE"

Page 2 of

details
EVERYONE
UT THE
AY BE
E DO."

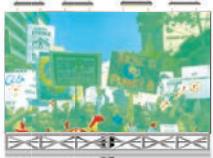
2





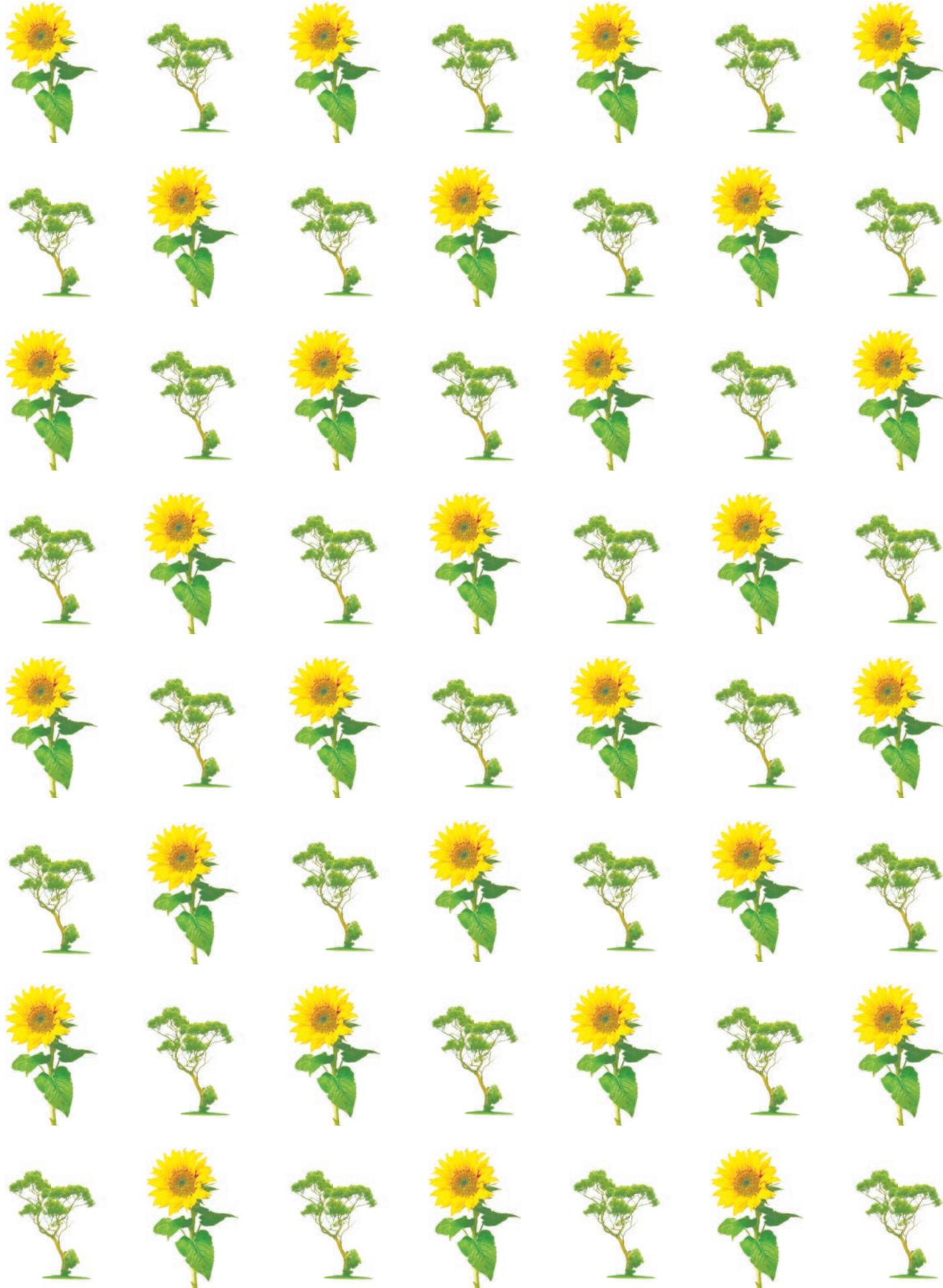
































"Climate change is the greatest threat to our existence in our short history on this planet. Nobody's going to buy their way out of its effects."

Mark Ruffalo, Actor & Environmentalist

"What you do makes a difference, and you have to decide what kind of difference you want to make."

Dr Jane Goodall, Scientist & Activist

"It's not that the world hasn't had more carbon dioxide, it's not that the world hasn't been warmer. The problem is the speed at which things are changing. We are inducing a sixth mass extinction event kind of by accident and we don't want to be the 'extinctee.'"

Bill Nye, 'The Science Guy'

"What you do makes a difference, and you have to decide what kind of difference you want to make."

Dr Jane Goodall, Scientist & Activist

"Adults keep saying we owe it to the young people, to give them hope, but I don't want your hope. I don't want you to be hopeful. I want you to panic. I want you to feel the fear I feel every day. I want you to act. I want you to act as you would in a crisis. I want you to act as if the house is on fire, because it is."

Greta Thunberg, 17 year-old Swedish Activist

"The Earth is a fine place and worth fighting for."

Ernest Hemingway, Author



"Let's double down on solar energy, let's be more energy-efficient, let's weatherize our homes. We can build a better, healthier economy based on good-paying, clean energy jobs."

Ian Somerhalder, Actor

"I hope to use my celebrity to motivate people and contribute to moving our global society back from the brink. I am surprised environment is not at the top of the agenda. What is more important than good and clean air?"

Don Cheadle, Actor & UN Environment Goodwill Ambassador

"We are the first generation to feel the effect of climate change and the last generation who can do something about it."

Barack Obama, Former US President

"We don't have time to sit on our hands as our planet burns. For young people, climate change is bigger than election or re-election. It's life or death."

Alexandria Ocasio-Cortez, US Politician & Activist

"I hold a vision of this blue green planet, safe and in balance. At the end of the Fossil Fuel Era, we are emerging to a new reality. We are ready to make the next leap – as momentous as abolishing slavery or giving women the vote."

Elizabeth May, Leader of Green Party of Canada

"Climate change knows no borders. It will not stop before the Pacific Islands and the whole of the international community here has to shoulder a responsibility to bring about sustainable development."

Angela Merkel, Chancellor of Germany





