

WITH YOUR OWN EYES

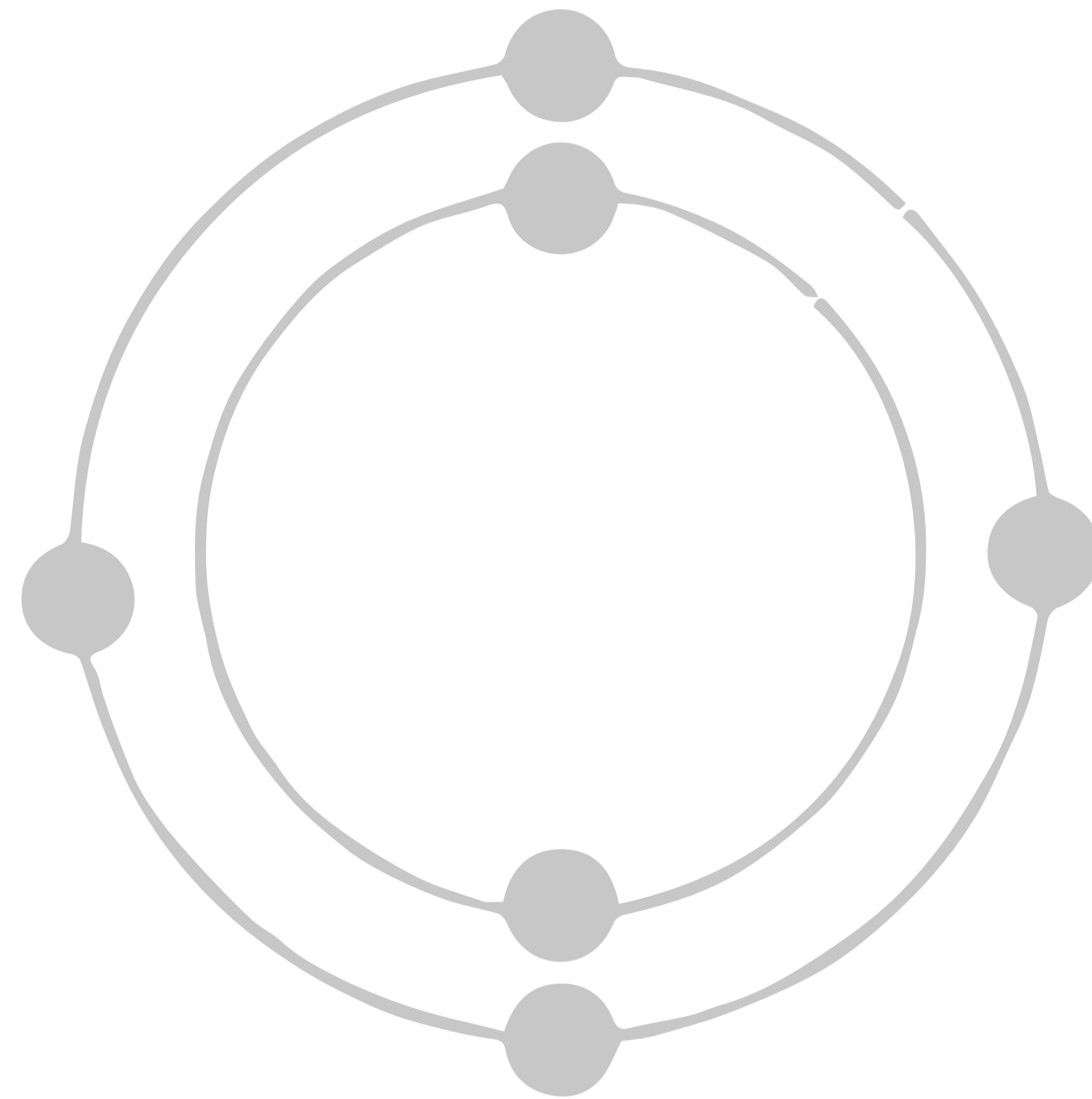
CLIMATE CHANGE
IN PHOTOS

THE CARBON ALMANAC



IT'S NOT
TOO LATE





THANK YOU

To the folks at Getty Images who said yes to using their photo collection.

To Shepard Fairey for donating four magnificent pieces of cover art.

To the other artists who allowed us to share their work with the world.

To the dozens of volunteers whose hands and creative energies brought this vision to life.

Welcome

This is a photo book about our planet in the early days of the 21st Century. Its images were collected and curated with love and hope by people like you. Today, it serves as a wake-up call. It reveals the burden our home is bearing well over a hundred years into an energy experiment that is beginning to go badly wrong.

It gives you a front-row seat to melting glaciers, polluted cities, and dying forests. It shows you communities ravaged by flood or by drought. It highlights the extreme impacts of fire, wind, and ecosystems out of balance. It is an invitation to look with your own eyes on the stark reality of a planet in peril. It is also a peek behind the curtain at the seeds of hope that exist in creative solutions being developed every day to reimagine how energy is generated and used and how ecosystems might yet be saved.

WITH YOUR OWN EYES is a collection of hopeful images too, reminding us that there is much yet worth working our very hardest to save and restore. It's also a call for you to join us. We are building a movement of difference-makers who know that, together, we can do just about anything. It is not too late.

If you are reading this, you are already making a difference. When you share it with someone, you amplify your impact, and ours. If you want to do even more, The Carbon Almanac, and the movement it is inspiring needs you. We need your perspective. We need your passion. We need YOUR energy.

We hope this will stand as a testament to how close we came to a bad outcome, and as a reminder that humans can do more good than harm if we point our collective efforts in a shared direction. The time is now. Let's go!

OUR PLANET IN PERIL

Our Planet in Peril

Climate Impact

Take a close look at the pages that follow. Let them take you to places you may already be intimately familiar with and to ones you may never get to see up close.

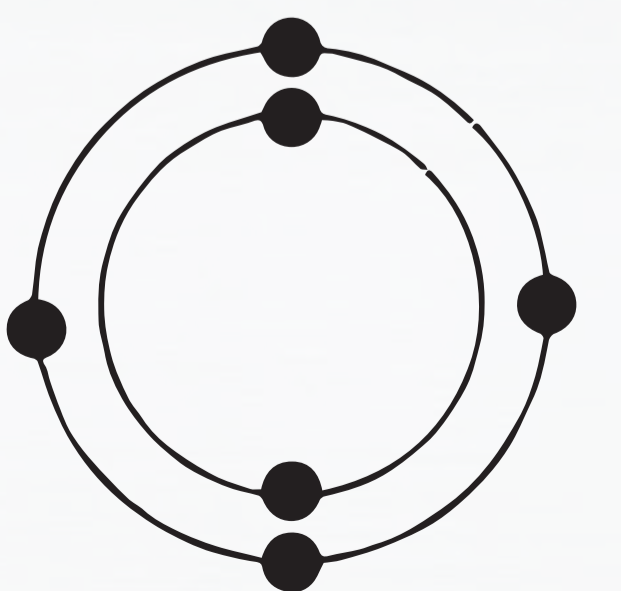
The melting ice, toxic air, devastating drought and flooding, and damage to our oceans and forests has happened at an alarming rate in the span of just a few generations.

Whole habitats are disappearing. Ecosystems are being forever changed.

Thank you for bearing witness. Click on any page to visit [The Carbon Almanac](#) site and discover how you can help.



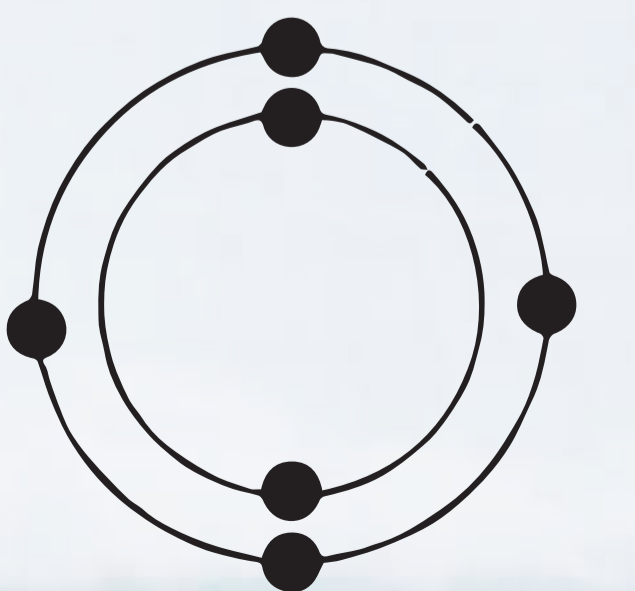
Icebergs near the Sermeq Kujalleq (aka Jakobshavn Glacier), a UNESCO world heritage site in Greenland.





A waterfall created by a melting iceberg, Svalbard, Norway.

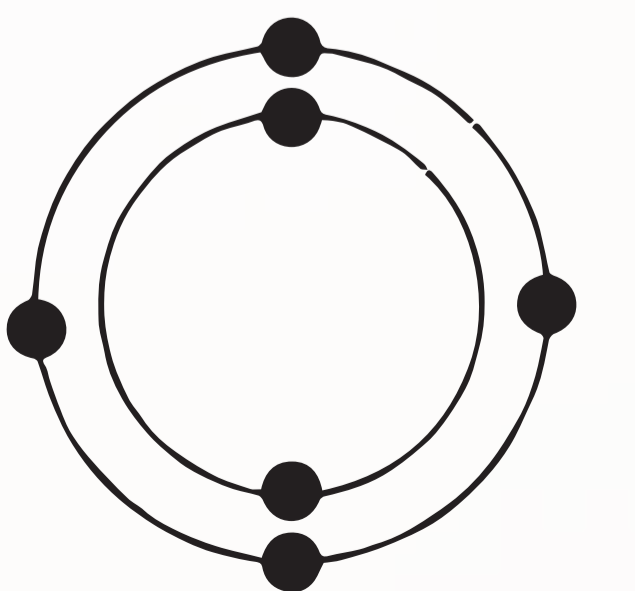
Mint Images/Art Wolfe via Getty Images.





Greece: Economic crisis has led to the combustion of cheaper fossil fuels.

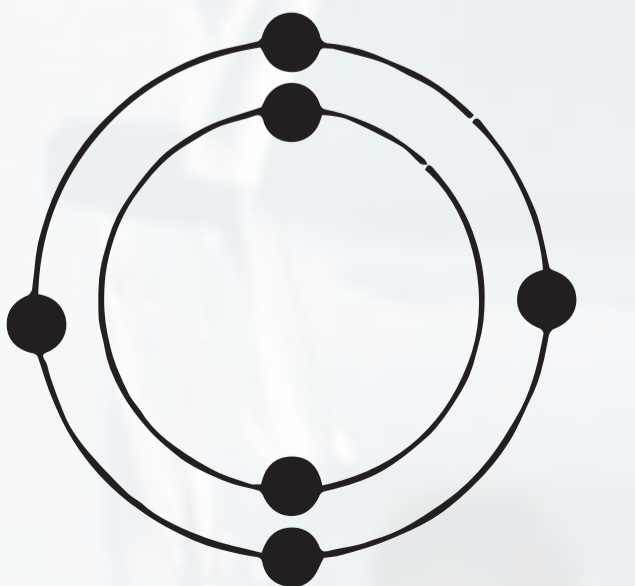
Alexandros Maragos via Getty Images.





Traffic driving in pollution from burning rice fields near Bangkok, Thailand.

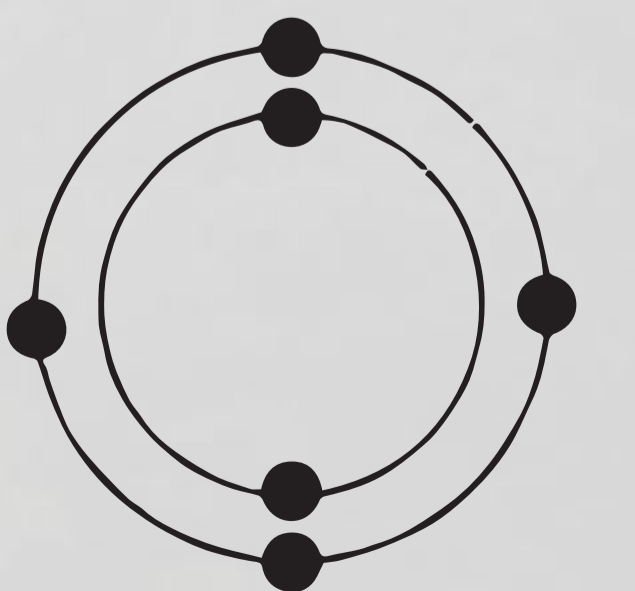
The Image Bank via Getty Images.





Ancient buildings of the historical center during a highly polluted day in Beijing, China.

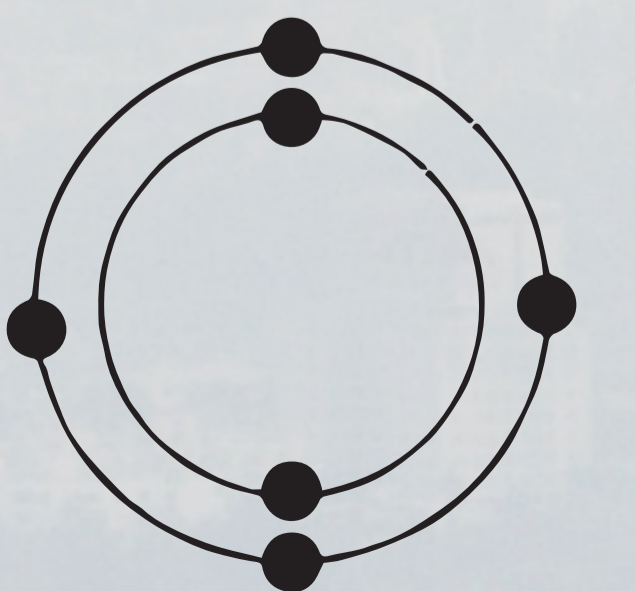
Andrea Verdelli via Getty Images. 2021.





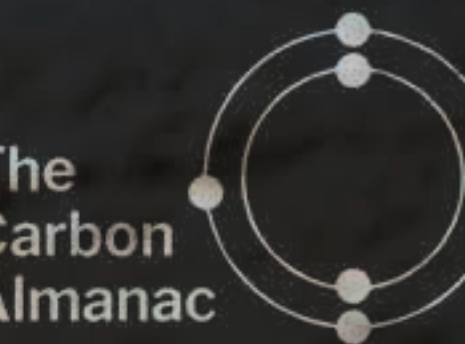
Downtown Los Angeles and Hollywood enveloped in smog as photographed from the Hollywood Hills.

Jim Steinfeldt/Michael Ochs Archives via Getty Images. 2004.

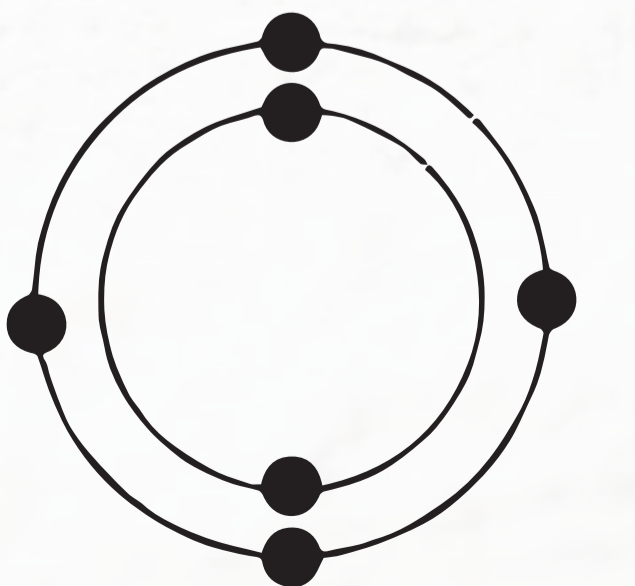




Courtesy of Artist
Michel Porro



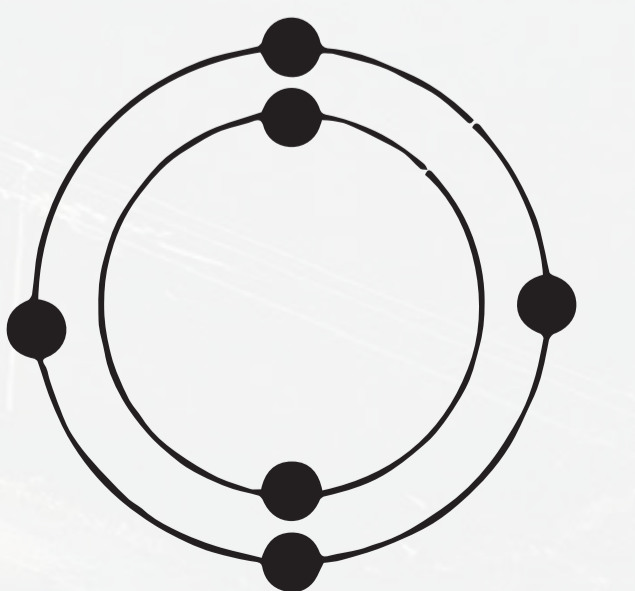
Parts of the Dutch coast are taken by the ocean as storm Corrie rages on January 31, 2022 in Wassenaar, The Netherlands.





Hurricane Delta causes damage to Louisiana's Gulf Coast.

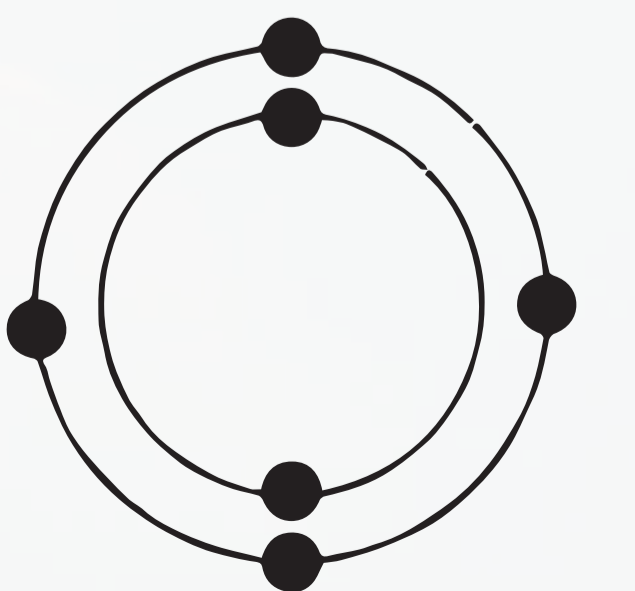
E4C/E+ via Getty Images.



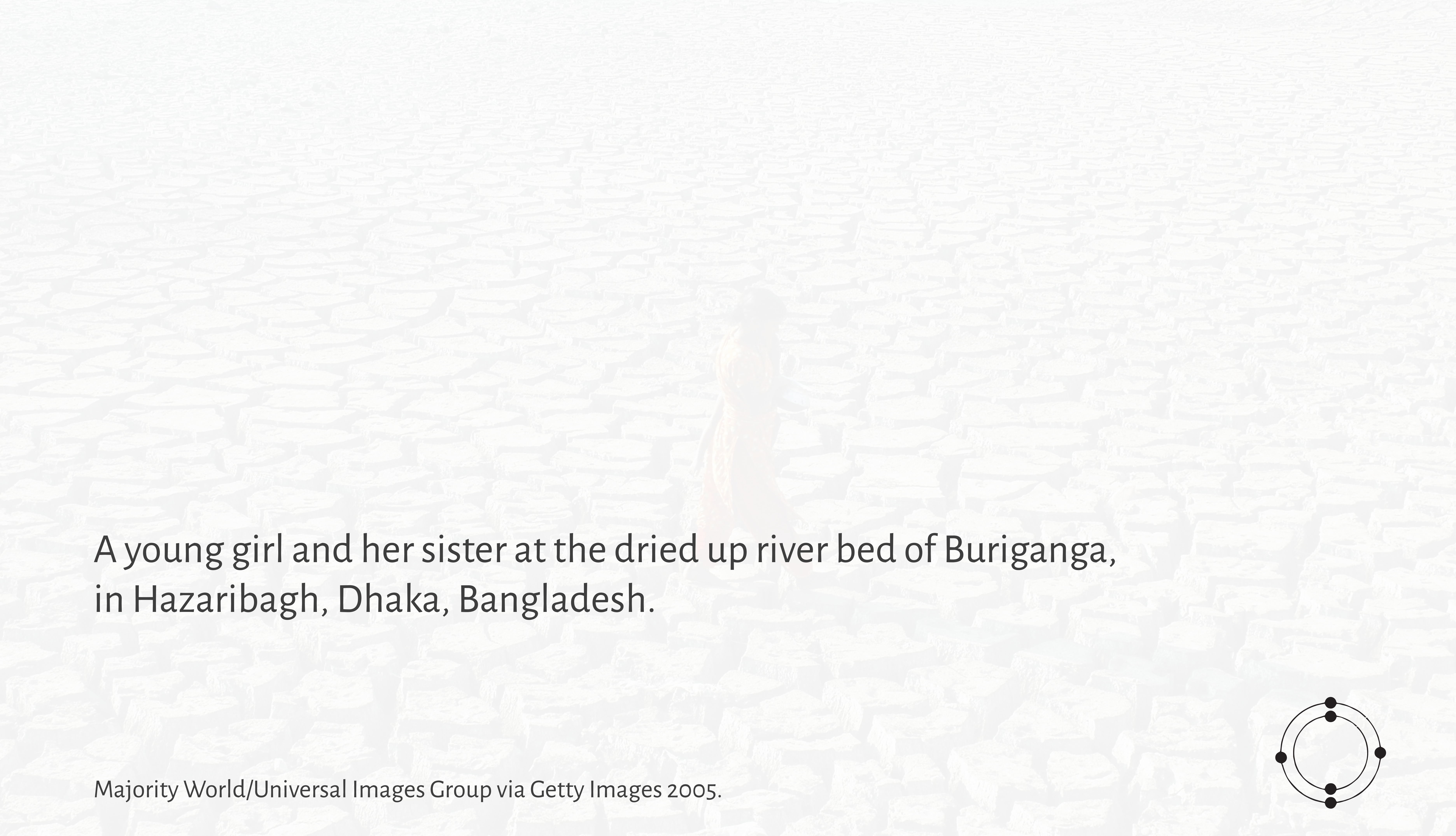


Floods in the village of Salempur, India force its residents to move between houses by boat or wade through chest-high water.

Gideon Mendel for Action Aid/Corbis via Getty Images. 2007.

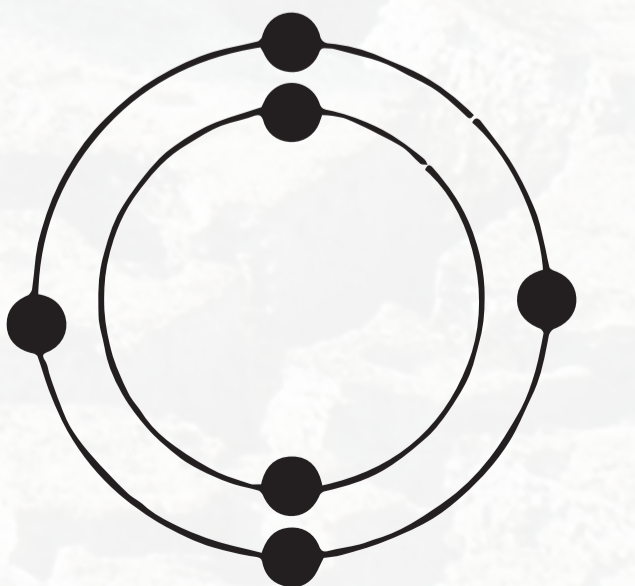




A young girl and her sister are standing in the middle of a vast, cracked, and dried-up river bed. The ground is composed of numerous small, rectangular, light-colored blocks, likely made of mud or clay, which have become brittle and broken apart due to the lack of water. The cracks form a complex, grid-like pattern across the entire surface. The girls are positioned in the center of the frame, looking towards the camera. The background is a flat, expansive landscape of these cracked blocks, extending to the horizon under a clear sky.

A young girl and her sister at the dried up river bed of Buriganga, in Hazaribagh, Dhaka, Bangladesh.

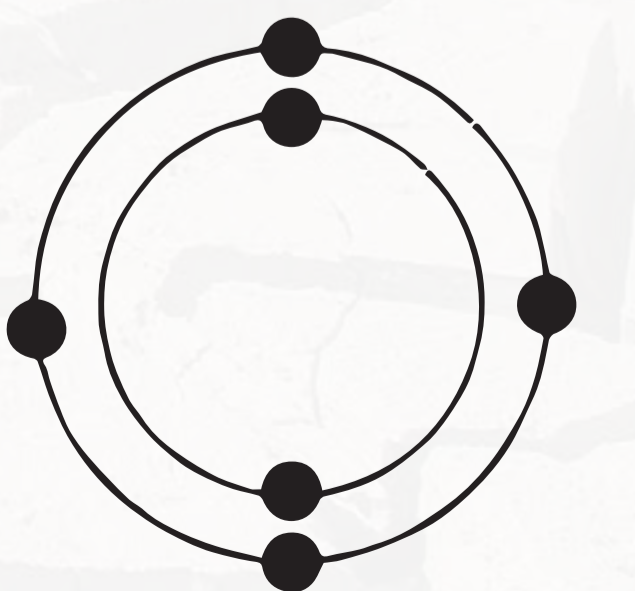
Majority World/Universal Images Group via Getty Images 2005.





Dried cracked mud is seen at the Valdeinfierno reservoir - one of Spain's oldest - in Zarcilla de Ramos, Spain.

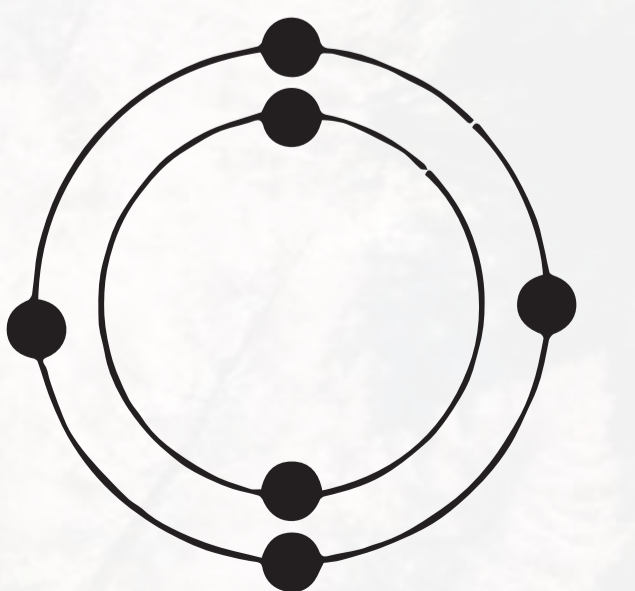
David Ramos via Getty Images. 2017.





Forests suffer during prolonged dry weather, Clausthal-Zellerfeld, Germany.

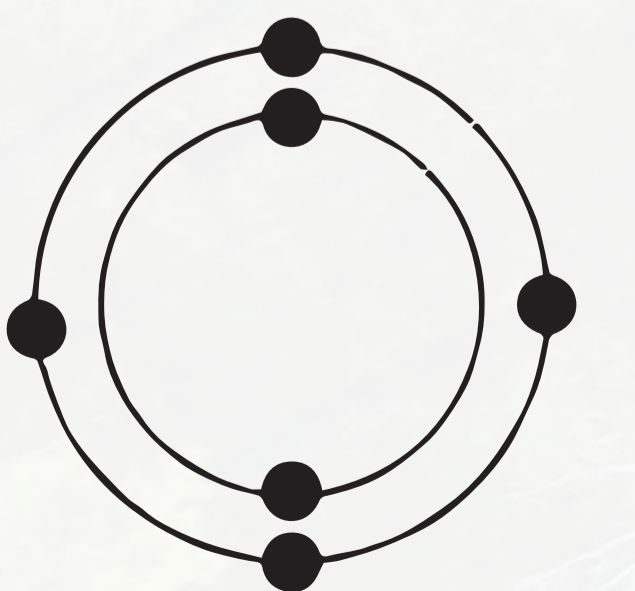
Jens Schlueter via Getty Images. 2020.





Dead lodgepole pines stand among living trees in the
Beaverhead-Deerlodge National Forest in Montana, USA.

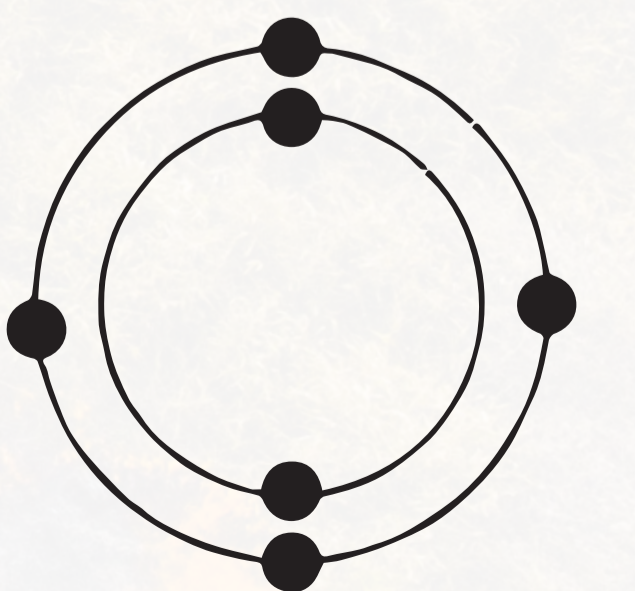
Chip Somodevilla via Getty Images. 2019.





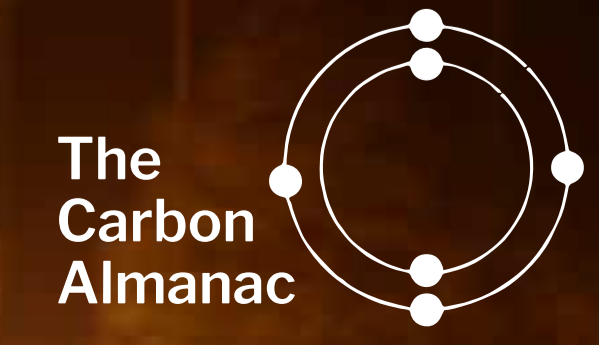
Fire is used to clear crop fields after harvest in Brazil.

Josemoraes/E+ via Getty Images.



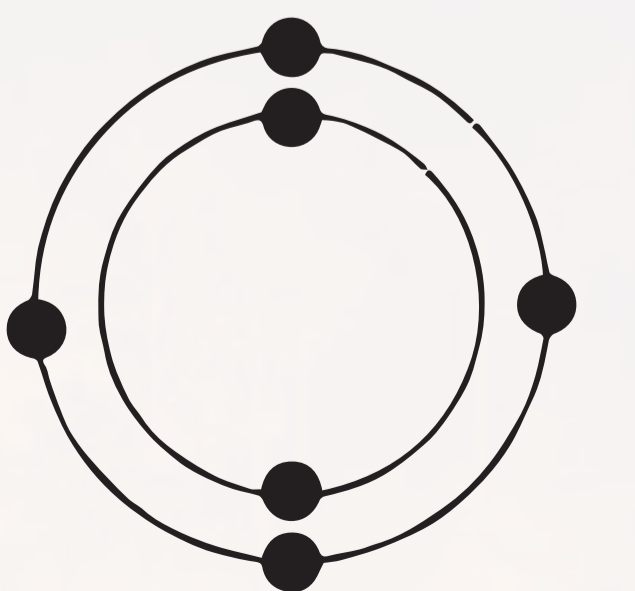


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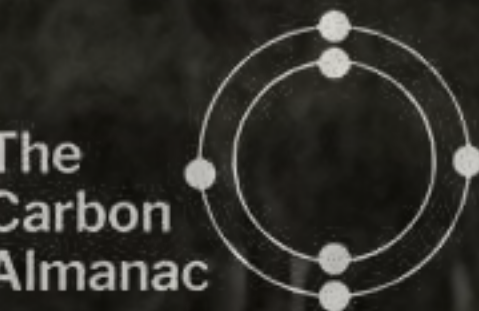
Illuminated trees in Srinagar, India.

Satyam Bhorwal/EyeEm via Getty Images.

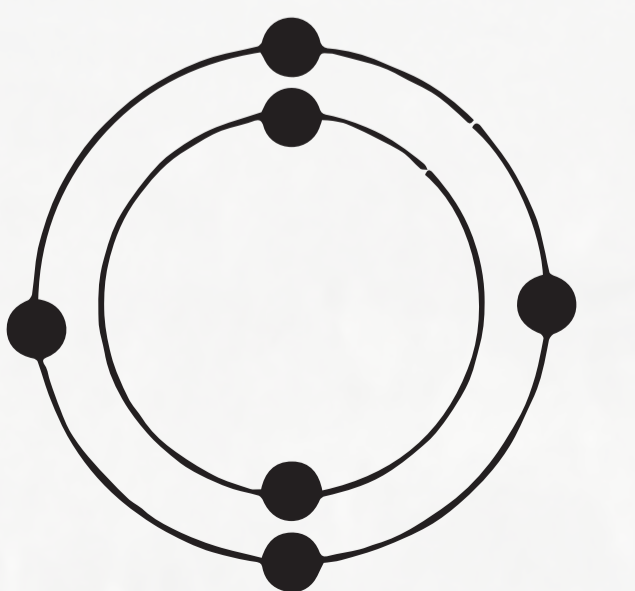




Courtesy of Artist
Anna Peppet



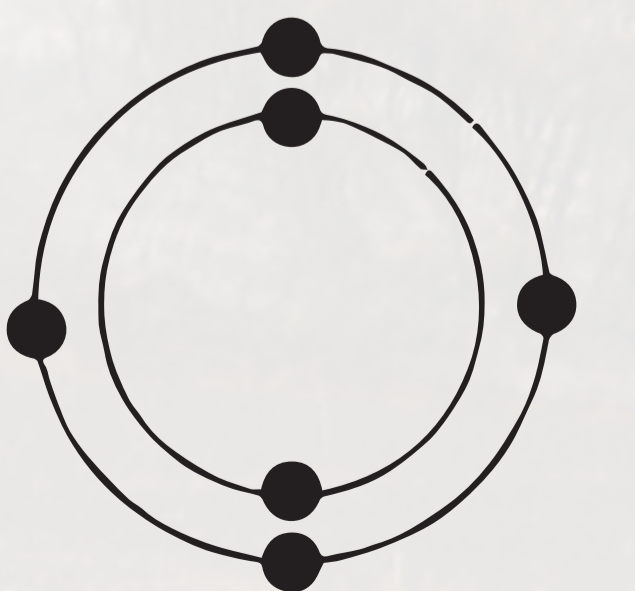
Horses run toward solar panels at Wildflower Ranch in Boulder, Colorado while hurricane-force wind-fueled Marshall Fire rages on the horizon.





Policemen patrol burned fields after a forest fire near Sofuentes, Spain.

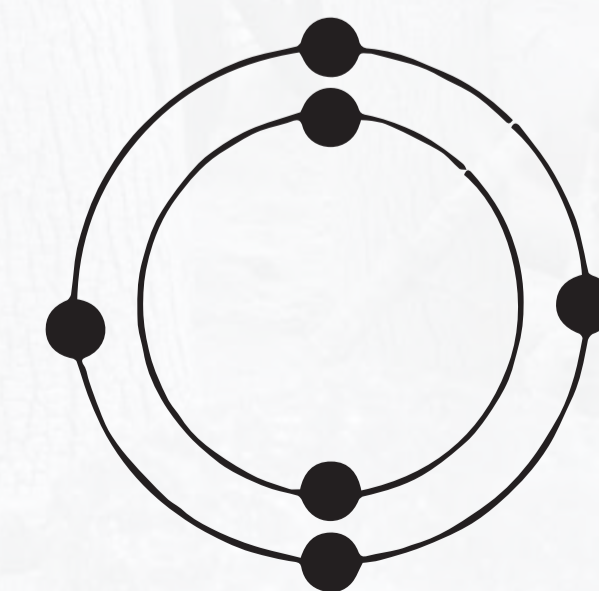
STR/AFP via Getty Images.





A forest of ashen trees in the wake of flames as the Windy Fire in California Hot Spring, CA, spreads.

David McNew via Getty Images. 2021.



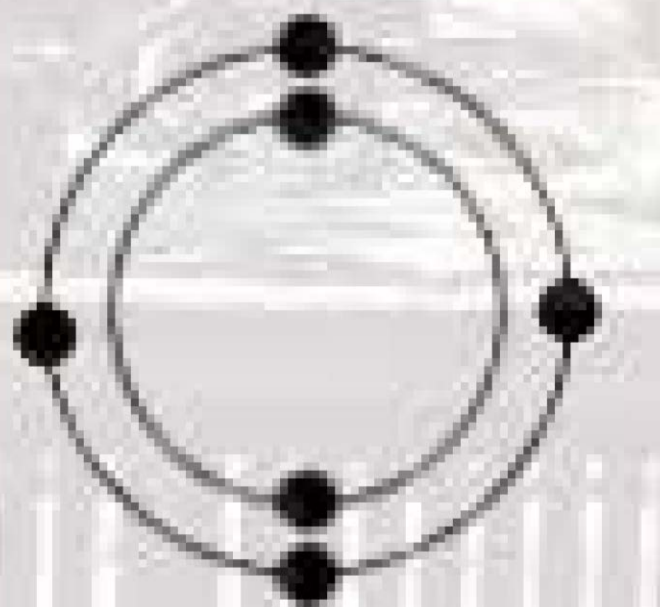


Courtesy of
Debora & Frank Price



The
Carbon
Almanac

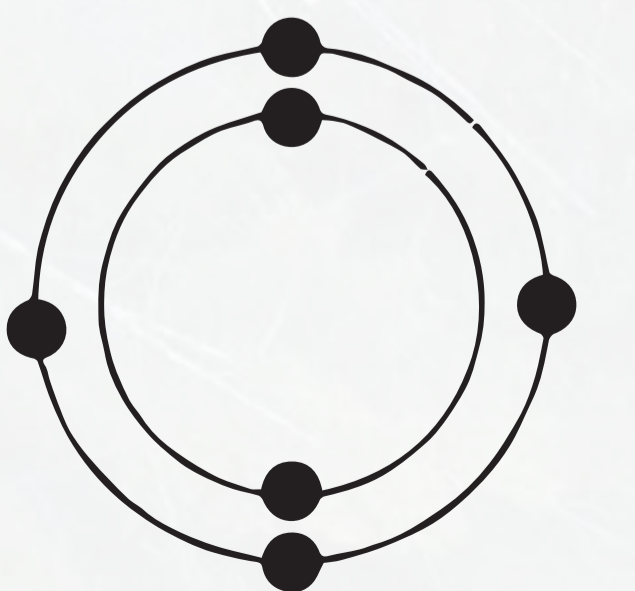
All that remains of an entire neighborhood in Louisville, Colorado after the Marshall Fire burned more than 1000 structures to the ground in less than 12 hours.





Lumber harvested by machinery.

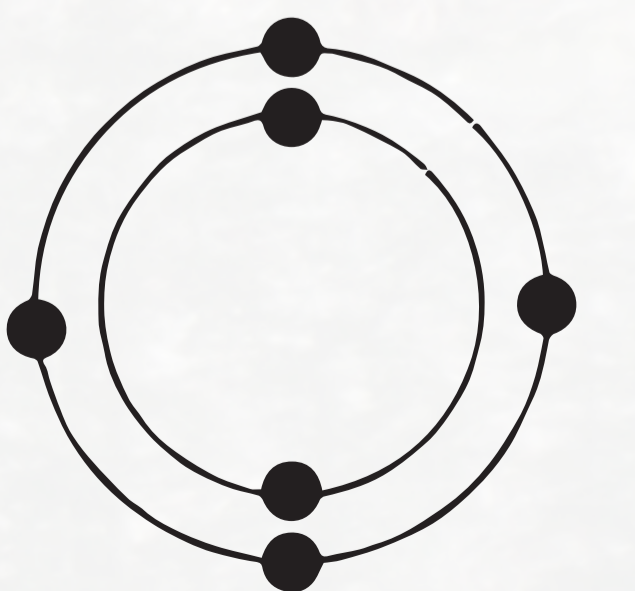
Christian Aslund/EyeEm Premium via Getty Images.





Old-growth forest clearcutting on the coast of Lyell Island, British Columbia, Canada.

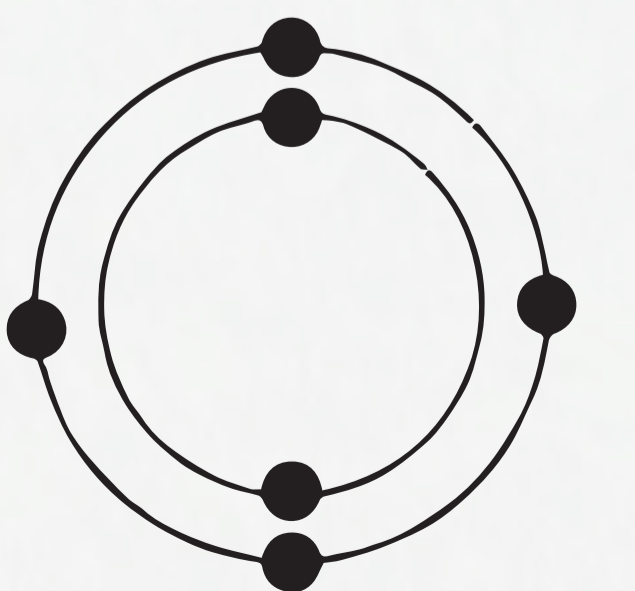
Joel W. Rogers/Corbis Documentary via Getty Images.





Heatwaves and drought fuel an algae bloom in the waters of Lake Isabella, California, tinging it green.

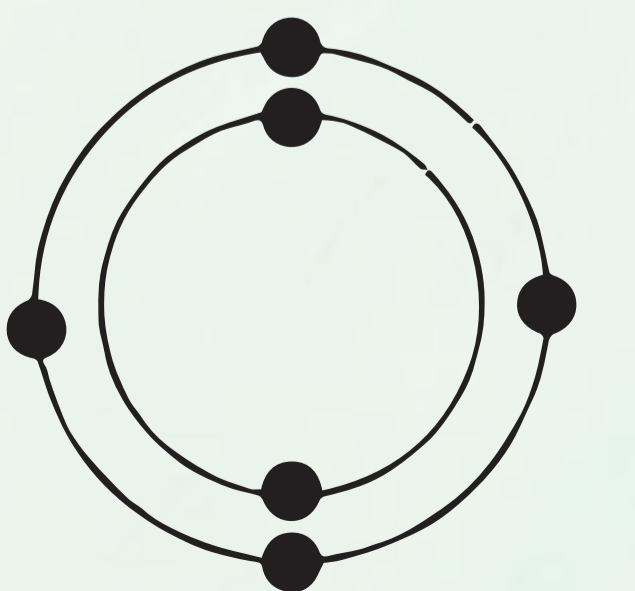
David McNew/Getty Images News via Getty Images. 2021.





Aerial view of green algae in a polluted river.

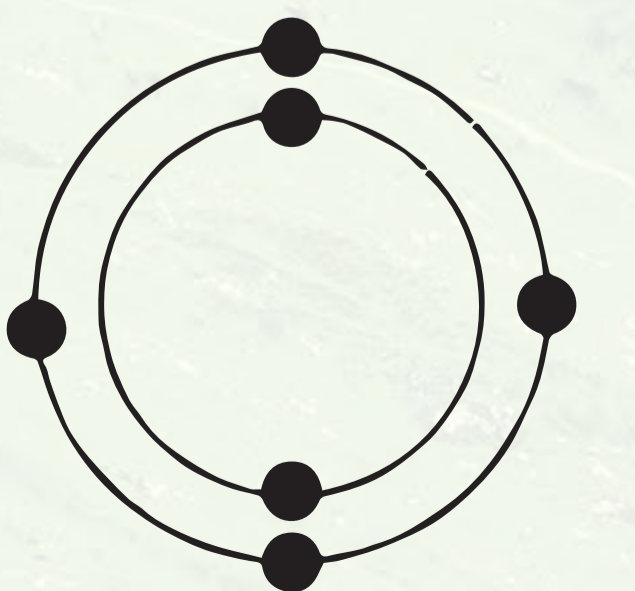
Anton Petrus/Moment via Getty Images.





Green algae feed on phosphate pollution, and cut off other lifeforms from their oxygen supply.

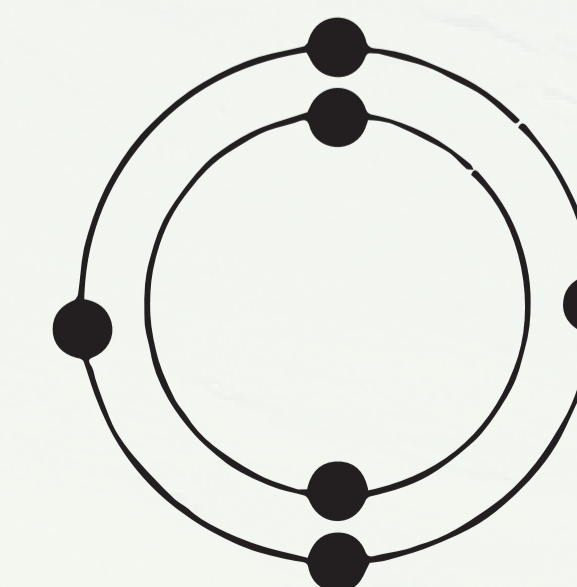
Sergiy Trofimov Photography/Moment via Getty Images.





Toxic algae bloom across the Caloosahatchee River in Labelle, Florida.

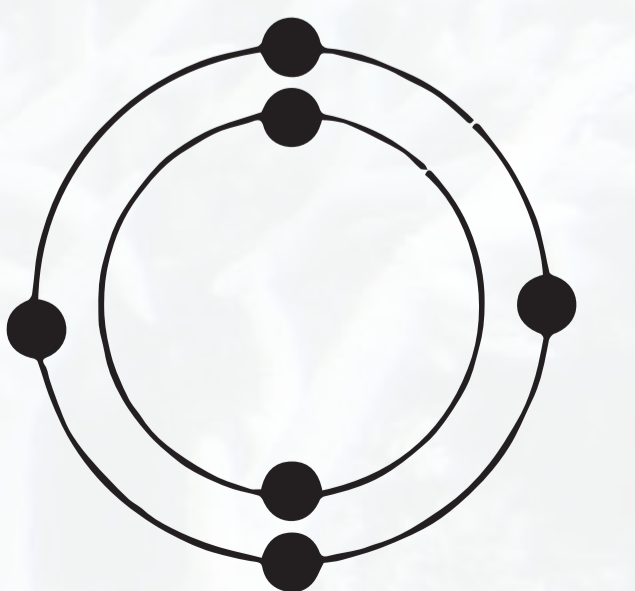
Pedro Portal/Miami Herald/Tribune News Service via Getty Images. 2018.





Coral bleaching on the Great Barrier Reef, Australia.

Brett Monroe Garner/Moment via Getty Images.



SEEDS OF HOPE

Seeds of Hope

Co-creative Solutions

We're glad you're still here. Some of that isn't easy to look at.

It's not too late to make a difference. In fact, lots of people just like you already are, everyday.

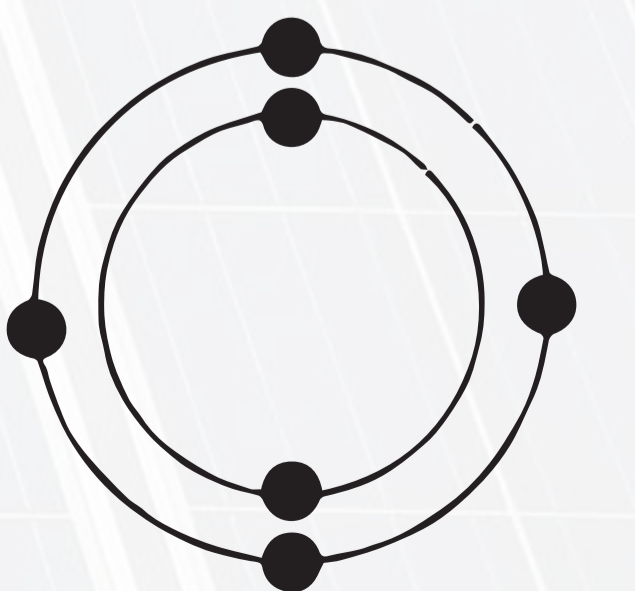
There are big things to do like change the source(s) of energy we use to fuel our world and small things like planting a garden, eating plants more than animals, and managing our own carbon footprint. Let the pages that follow inspire you. We hope you will tell a friend, show a co-worker, and get involved.

Over at The Carbon Almanac you will find a community of difference-makers and dozens of ways that you can help.



A solar power plant in Gaza City, where a growing number of citizens are turning to photovoltaics technology for a more consistent power supply.

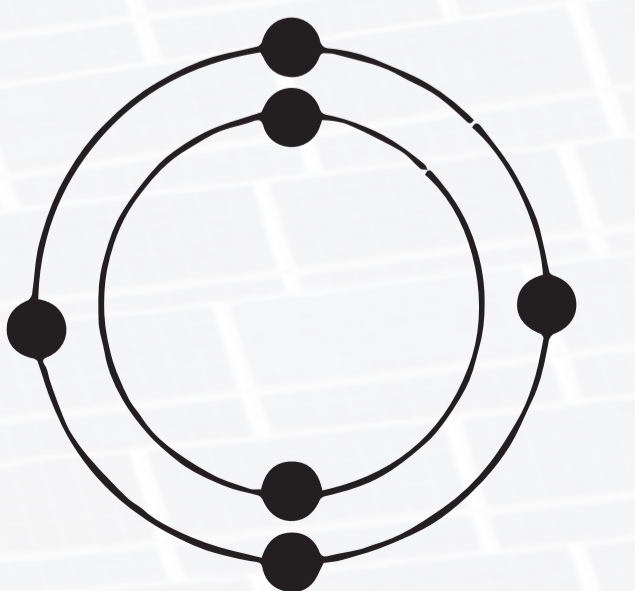
Mohamed Abed/AFP Photo via Getty Images. 2016.





Les Mees, France's largest solar energy farm, covers nearly 200 hectares (500 acres).

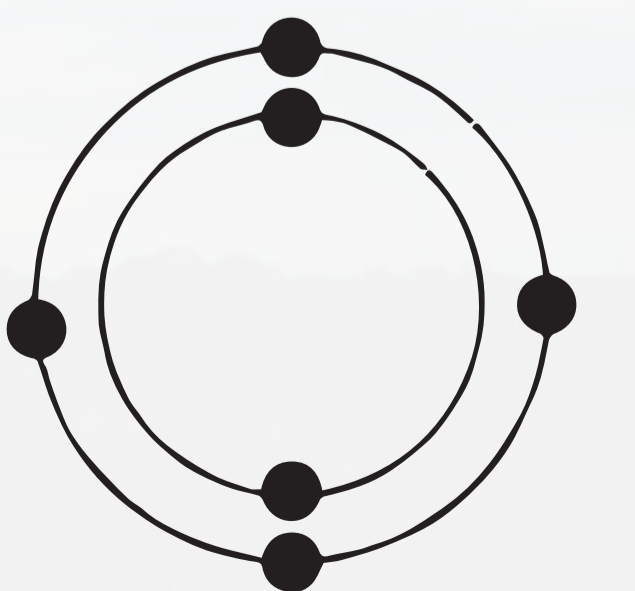
Boris Horvat/AFP via Getty Images. 2011.





A wind turbine near a coal-fired power plant.

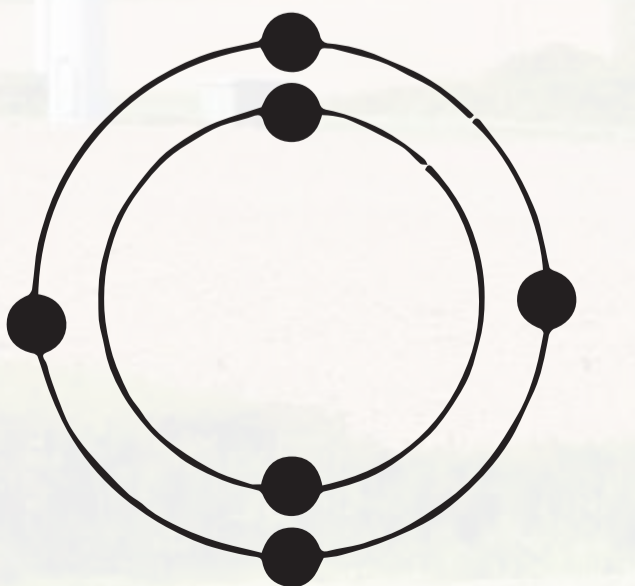
acilo/E+ via Getty Images.





Wind turbines among the fields of Cumbria, England.

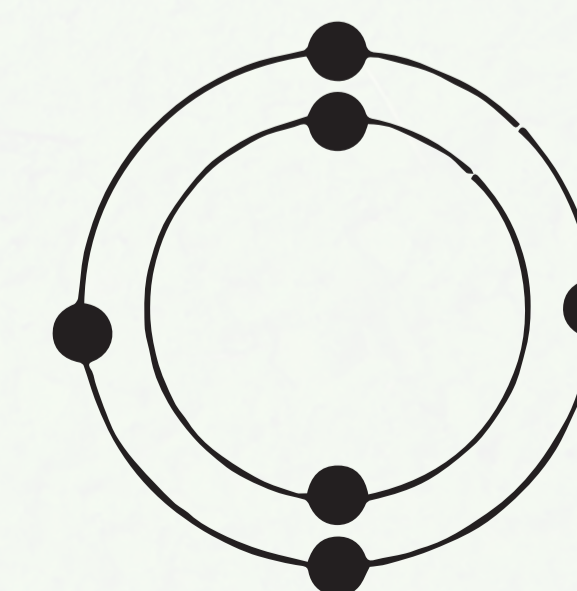
Michael Betts via Getty Images.





Electric car charging station in Germany.

Krisztian Bocsi/Bloomberg via Getty Images.

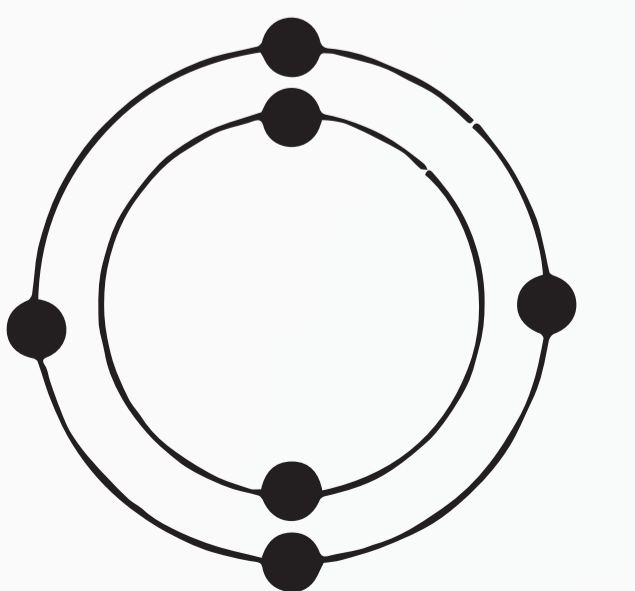






Electric car charging, Thailand.

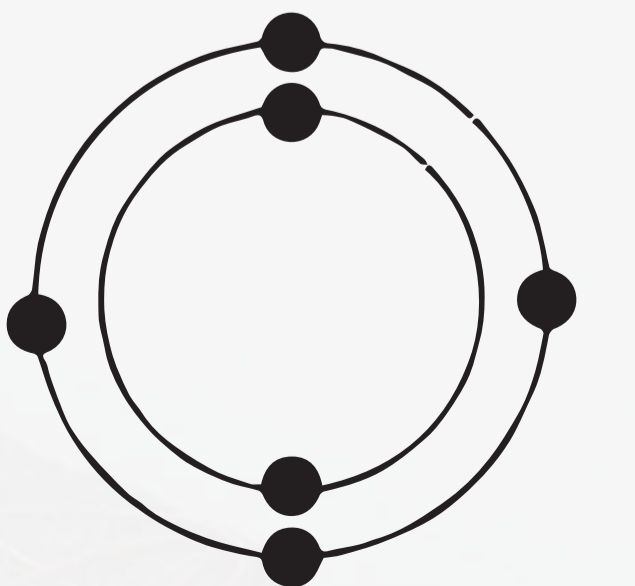
seksan Mongkhonkhamsoo/Moment via Getty Images.





An electrically powered train is fast-charged at station in Baden-Wuerttemberg, Germany.

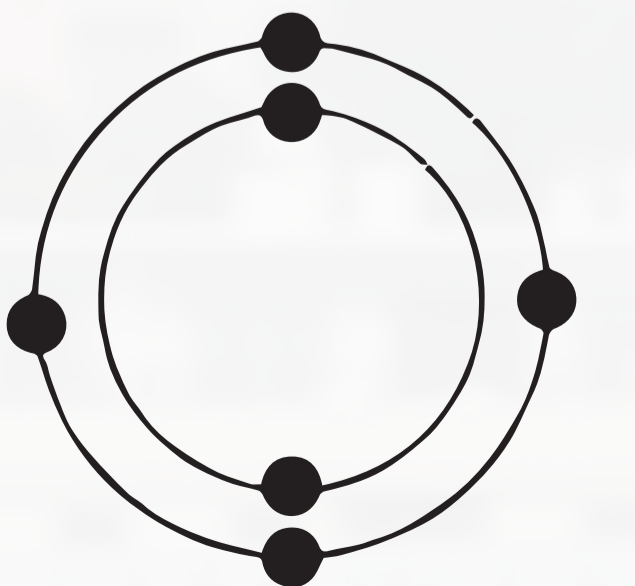
Marijan Murat/dpa (Marijan Murat/picture alliance via Getty Images). 2021.







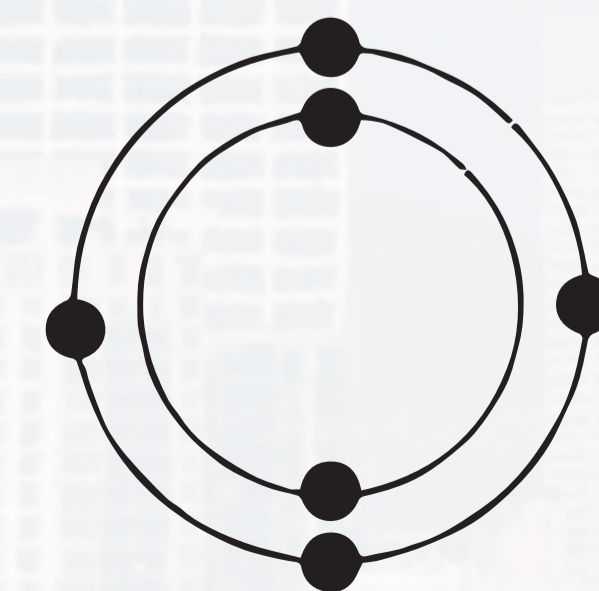
The “Pipistrell Velis Electro” plane in Nice, France. The aircraft has a flight range of 1 hour.





Coronavirus shutdown and series of storms result in clearer air in downtown Los Angeles.

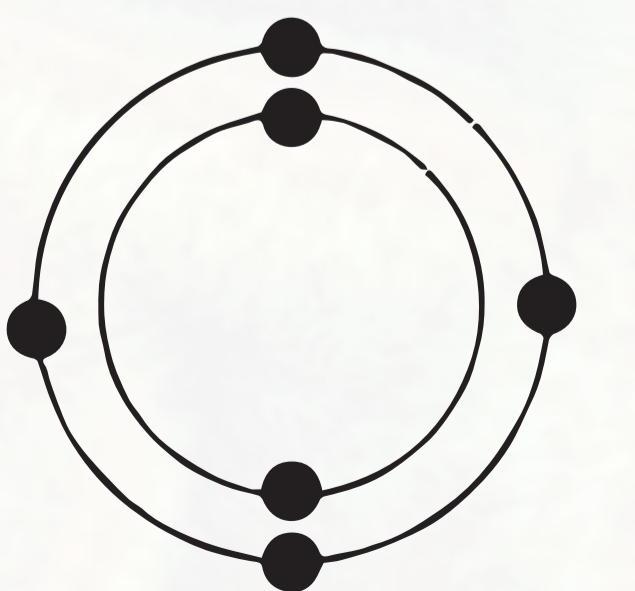
David McNew/Getty Images News via Getty Images. 2020,

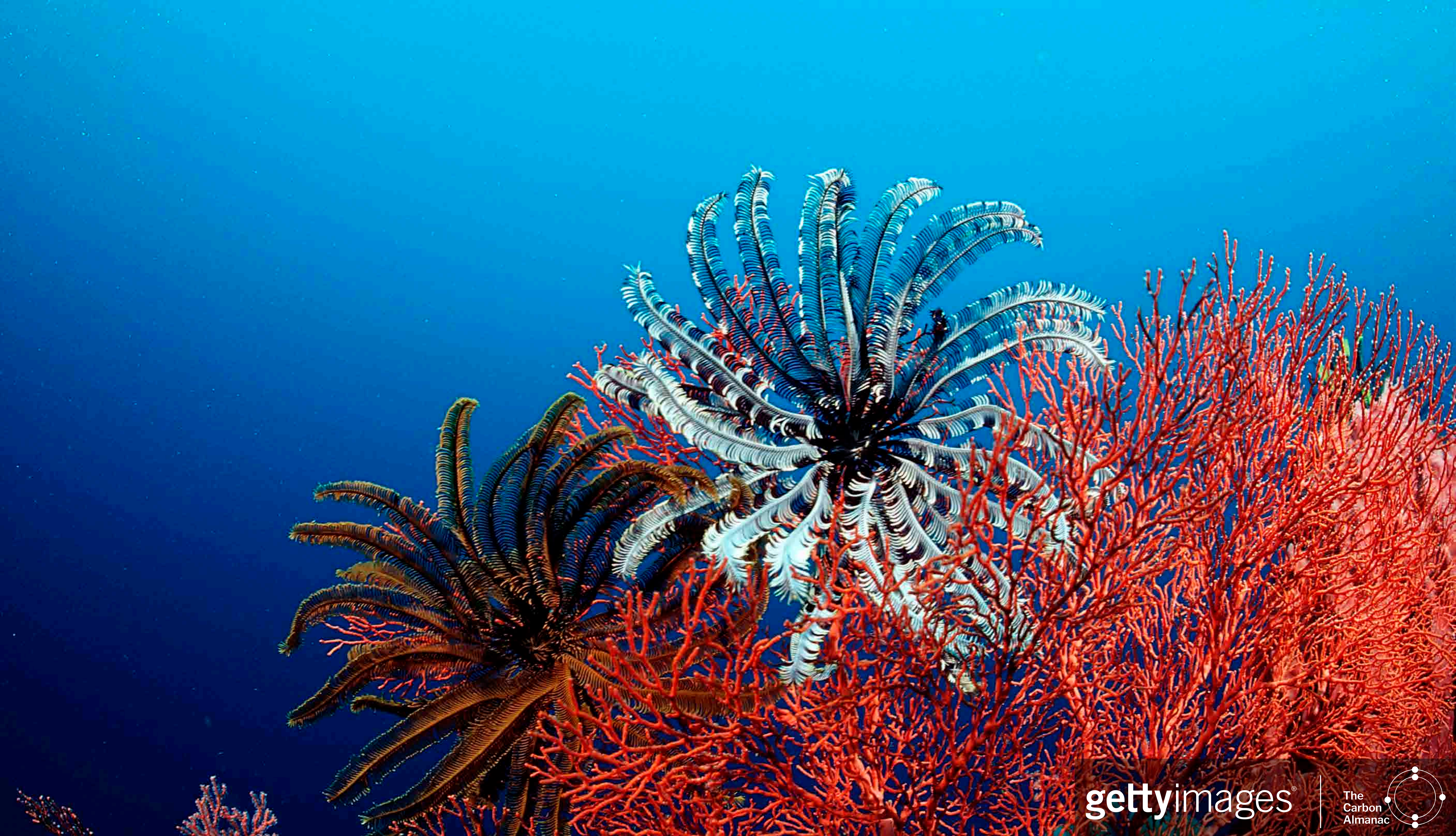




Healthy green corals at the Great Barrier Reef's Lady Elliot Island,
Queensland, Australia.

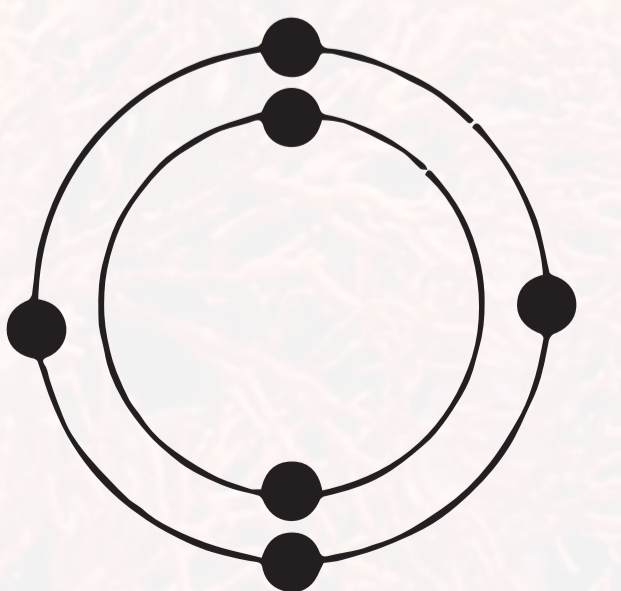
Jonas Gratzer/LightRocket via Getty Images. 2019.





A feather star (Crinoidea) in the Indian Ocean at Raja Ampat islands, Indonesia.

Reinhard Dirscherl/ullstein bild via Getty Images. 2005.

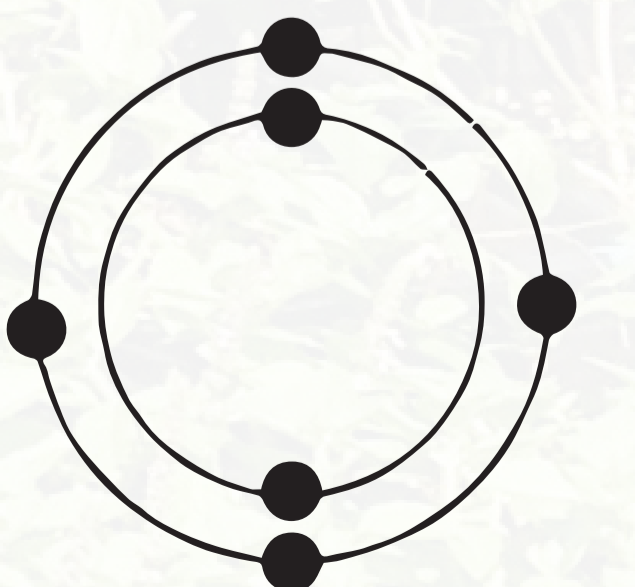






Urban garden at Riverside Park Farm, New York City, NY.

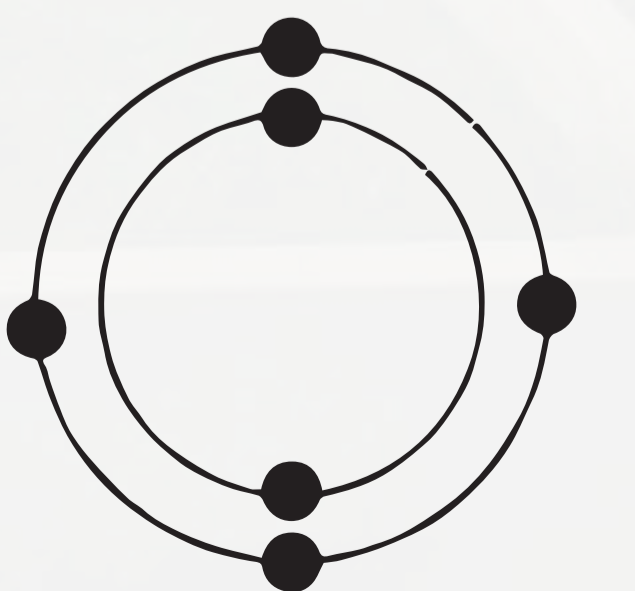
John Lamparski/Moment Mobile ED via Getty Images. 2014.





Urban gardening on the rooftops of Belo Horizonte, Minas, Gerais State, Brazil.

Ricardo Funari/Brazil Photos/LightRocket via Getty Images. 2016.

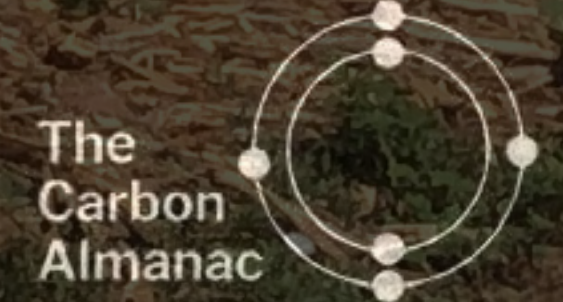




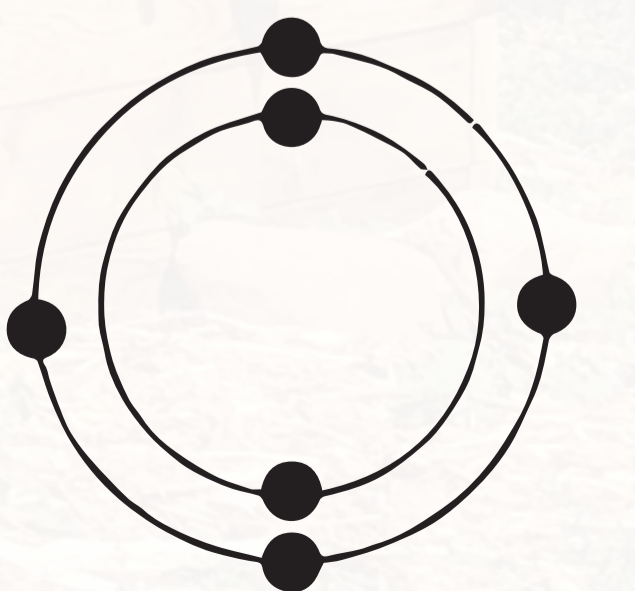
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WHILE GROWING FOOD
FOR THIS COMMUNITY

Courtesy of Artist
Mara Rose



100 sq ft urban micro-farm in Boulder, CO. Managed by a group of teens who rode bikes from home-to-home growing food and learning regenerative farming skills with Boundless Landscapes.





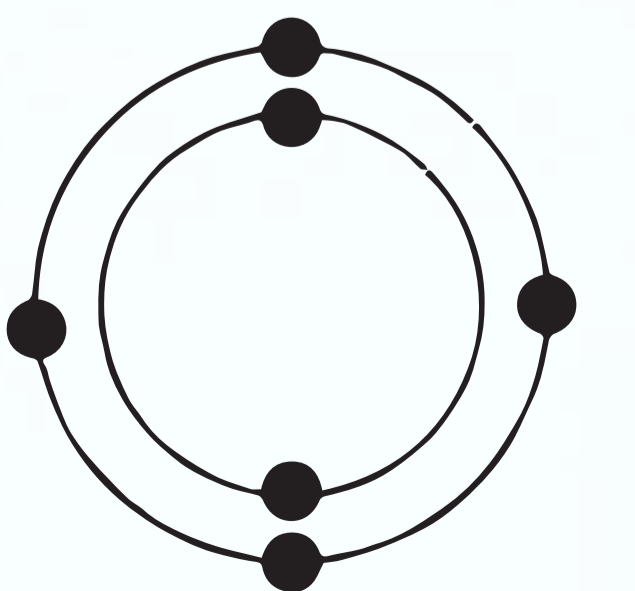
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The Carbon Almanac

Green building with vertical garden façade.

Artur Debat/Moment via Getty Images.



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FOUNDATION

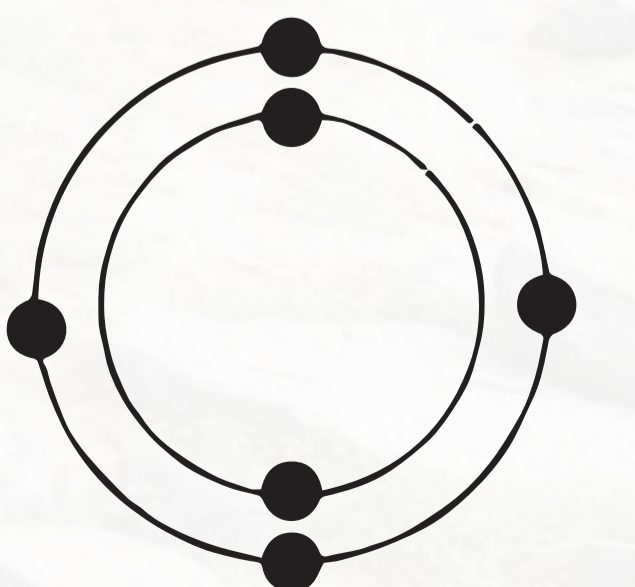
CALIFORNIA POLYTECHNIC
STATE UNIVERSITY, SLO

SUSTAINABLE AGRICULTURE
RESOURCE CONSORTIUM



The Edible Garden Wall created in downtown Los Angeles, tended by the organization Urban Farming and homeless volunteers.

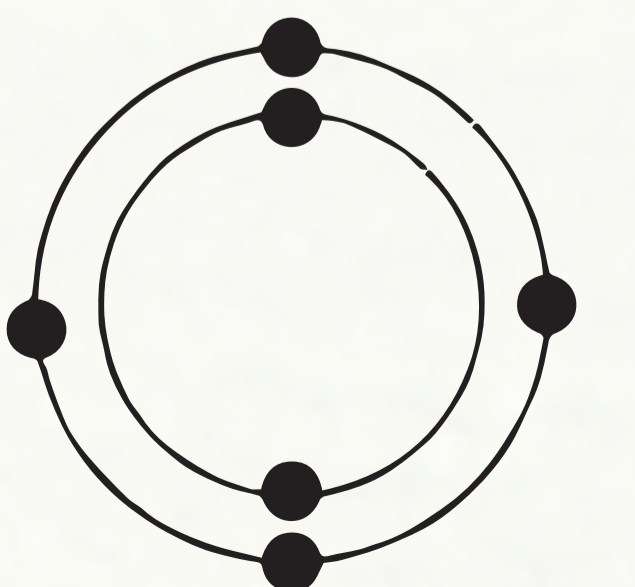
Citizens of the Planet/Education Images/Universal Images Group via Getty Images. 2010.





A farmer planting vegetables in the vacant land near a construction site in downtown Jakarta, Indonesia.

Risa Krisadhi/Pacific Press/LightRocket via Getty Images. 2015.





riverpark

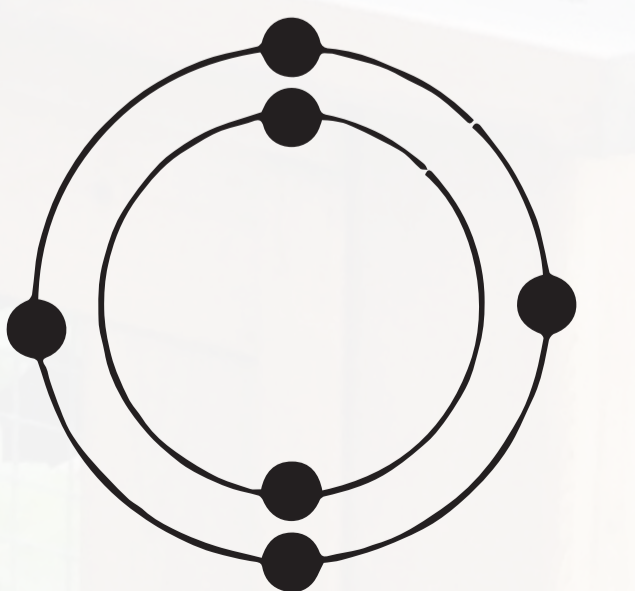


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Urban garden at Riverpark Farm, New York City, NY.

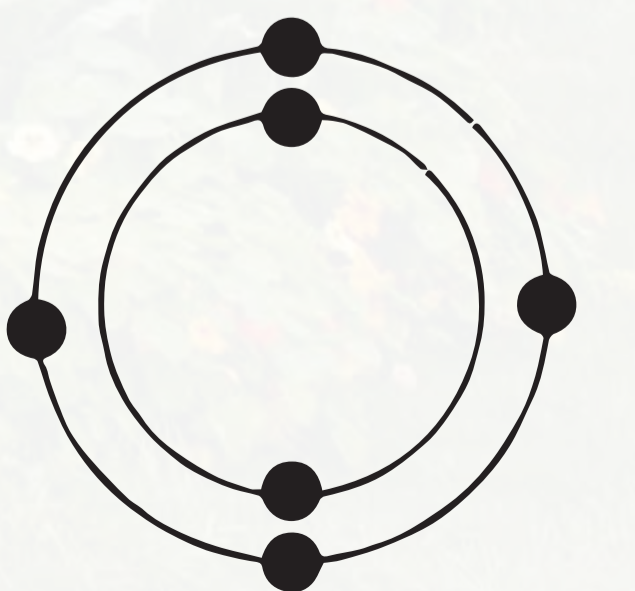
John Lamparski/Moment Mobile ED via Getty Images. 2014.





A 20,000 square foot edible urban garden at Grant Park, in downtown Chicago.

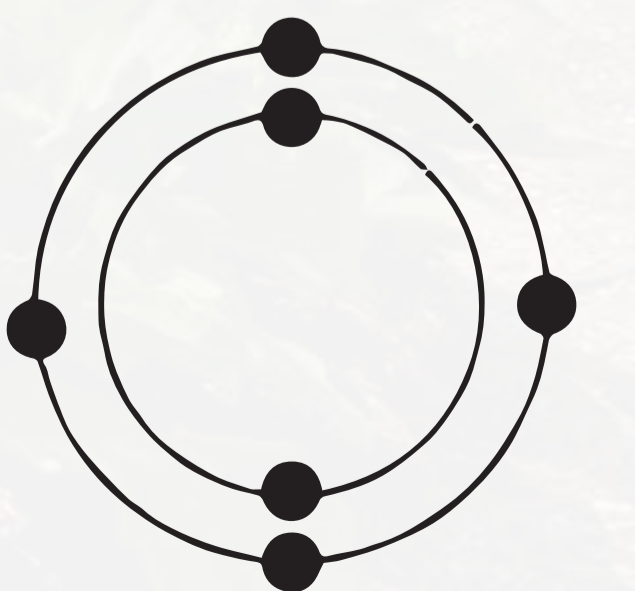
Julie Thurston Photography/Mobile Moment ED via Getty Images. 2013.





Eagle Street Rooftop Farm, Brooklyn, New York.

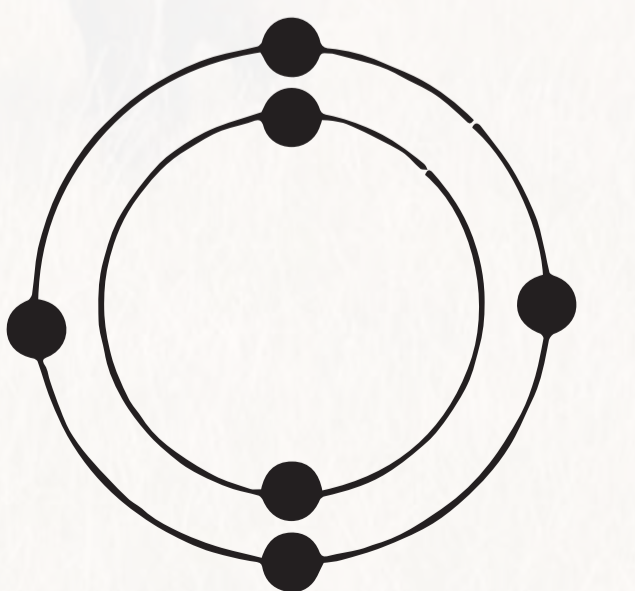
Education Images/Citizens of the Planet/Universal Images Group via Getty Images. 2010.





City farm in London Docklands.

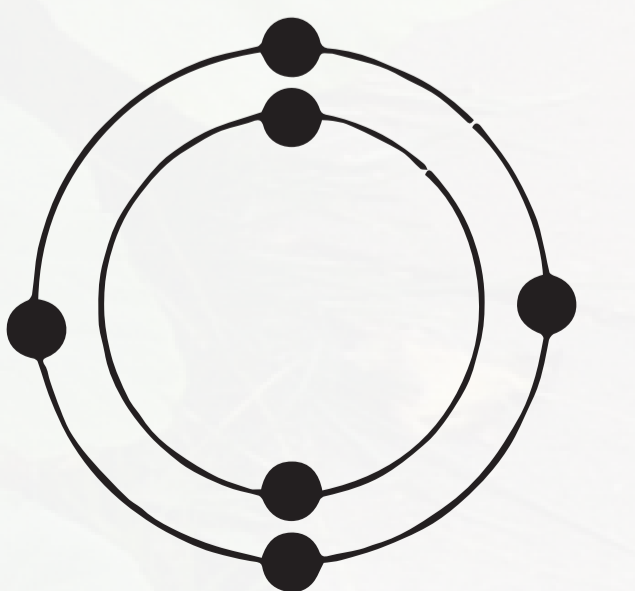
Pawel Libera/LightRocket via Getty Images. 2009.





Squash plants grow in front yard.

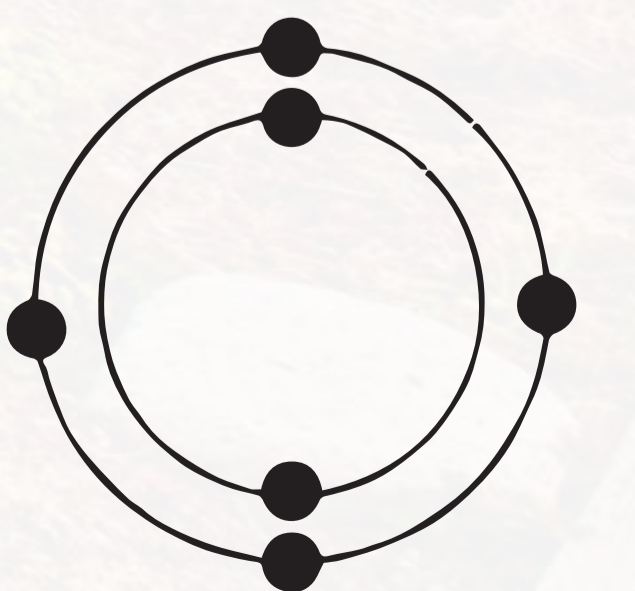
Diana Haronis/Moment Mobile ED via Getty Images. 2013.





A multi-level, prefabricated, modular green home, Santa Monica, CA,

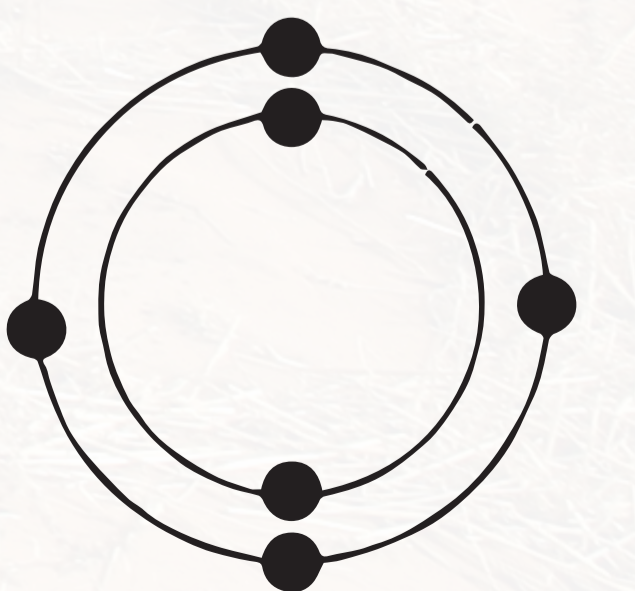
Citizens of the Planet/Education Images/Universal Images Group via Getty Images. 2013.





Anti-desertification plantations in the Tengeli desert in Ningxia Province, China.

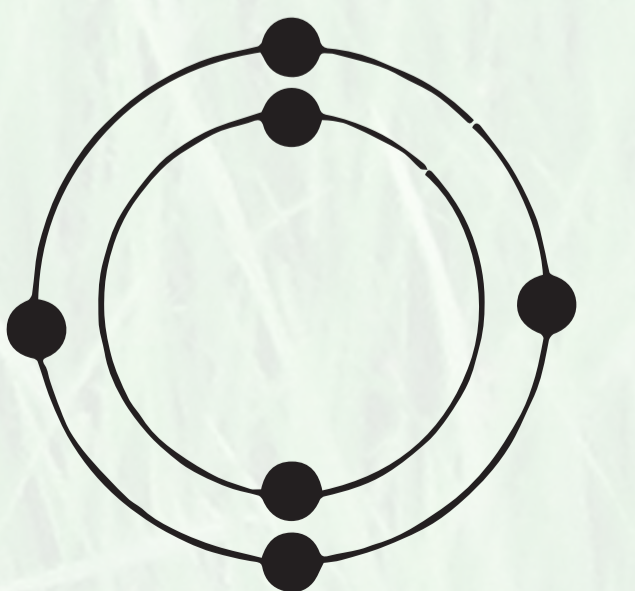
Lucas Schifres/Getty Images News via Getty Images. 2007.







A child wanders through a paddy field. Chittagong, Bangladesh.



THE POWER OF ART

The Power of Art

Inspiration in Action

One of the ways we connect as humans is through art.

Art can also inspire action and communicate messy, complex ideas in ways that facts alone sometimes can't. In this section, we honor the artists who are using their gifts to help us see both the peril we face and the hope available to us more clearly. We hope you enjoy their work.

There is urgency. We hope you are ready to spring into action. AND, we invite you to take a pause before you do. Take a deep breath. Gather yourself. Allow inspiration to fill you up in equal measure alongside the outrage.

Then, come find us at The Carbon Almanac. We'll be glad to see you and ready to point you in the direction of making your own meaningful difference in this effort that affects us all.

BANKED
ALLASIKKA



Courtesy of Artist
Justin Brice Guariglia



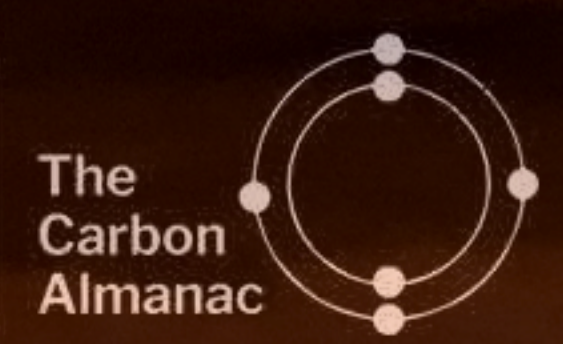


BAKED
ALASKA

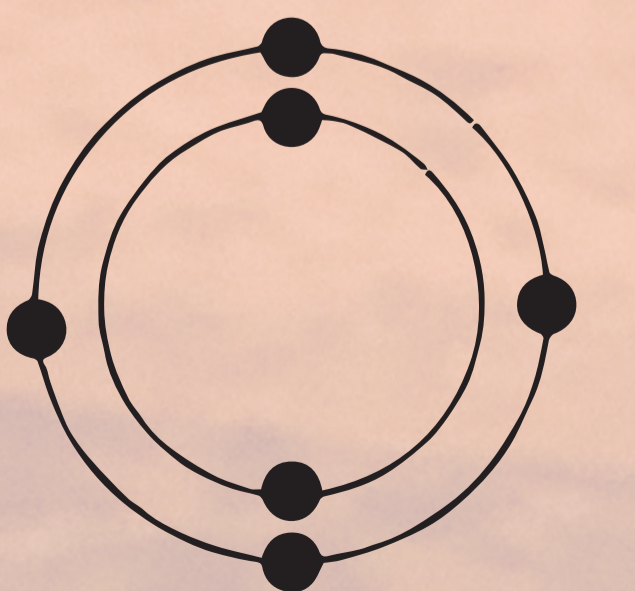
This “Baked Alaska” artwork is about climate change.



Courtesy of Artist
Lisa K Blatt

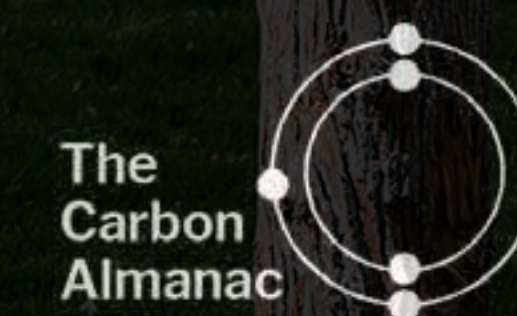


Artist Lisa K. Blatt states, “...on this apocalyptic “orange day” in San Francisco, CA, the birds did not sing, the street lamps did not turn off and the sun was not visible as smoke from distant fires blocked the sun.”





Courtesy of Artist
Maya Lin

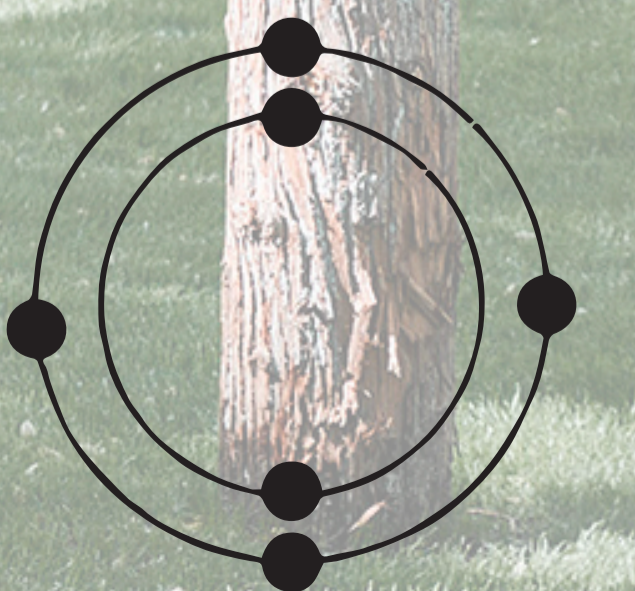


The
Carbon
Almanac



People interact with “Ghost Forest”, an art installation in Madison Square Park, New York by artist Maya Lin. 49 dead Atlantic White Cedar trees were planted as a comment on climate change.

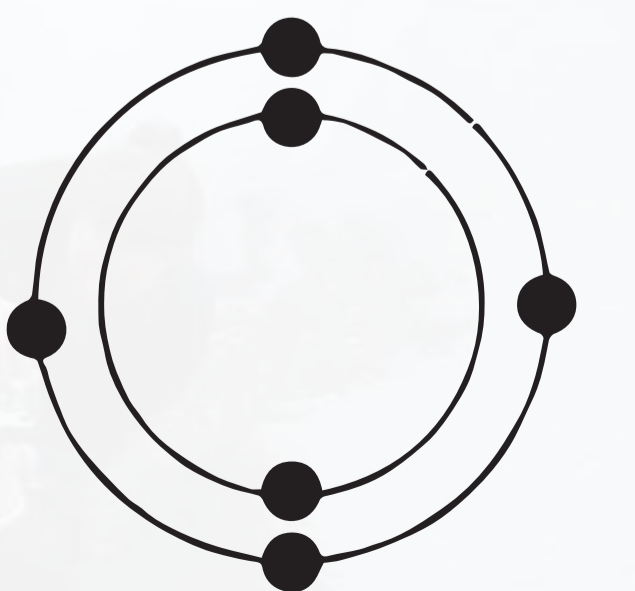
© Maya Lin Studio. Photography: Andy Romer, courtesy MSPC. 2021.



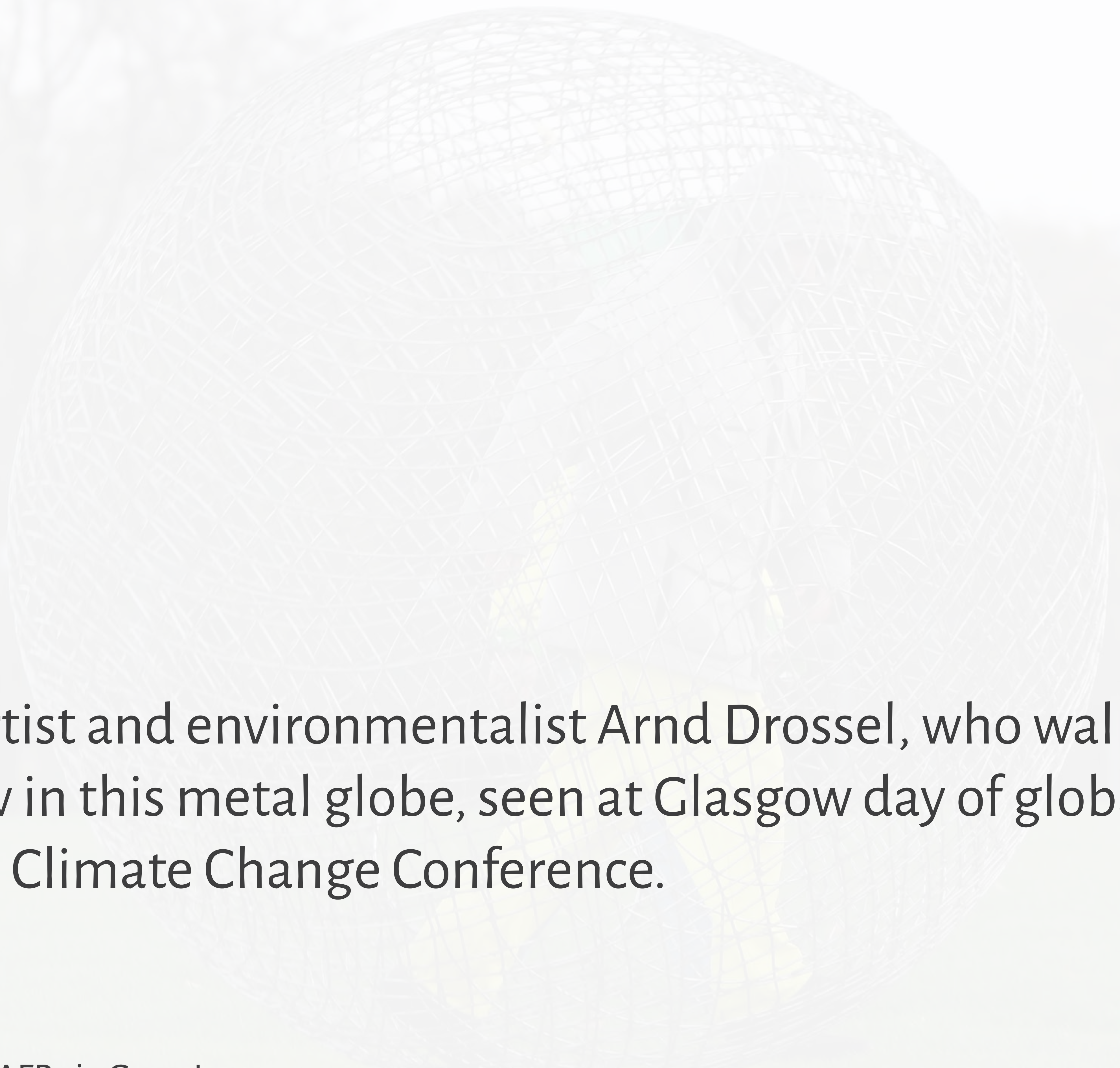


Visitors interact with blocks of melting ice, at exhibit 'Ice Watch' by Icelandic-Danish artist Olafur Eliasson and leading Greenlandic geologist Minik Rosing outside Tate Modern in central London.

Daniel Leal/AFP via Getty Images. 2018.

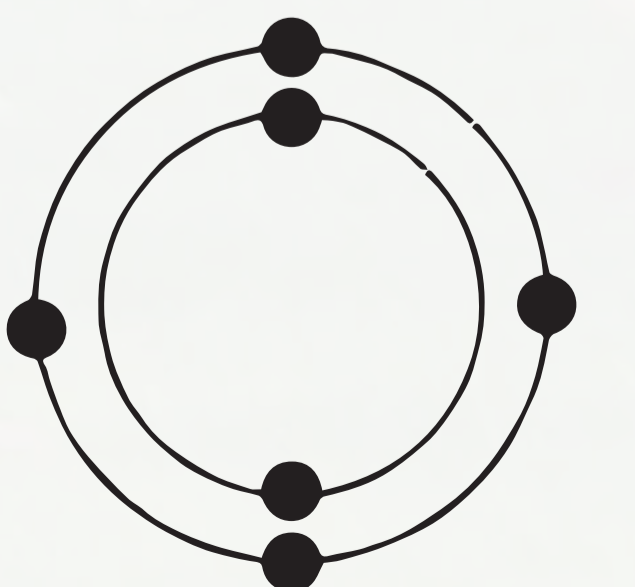






German artist and environmentalist Arnd Drossel, who walked from Germany to Glasgow in this metal globe, seen at Glasgow day of global action during the COP26 UN Climate Change Conference.

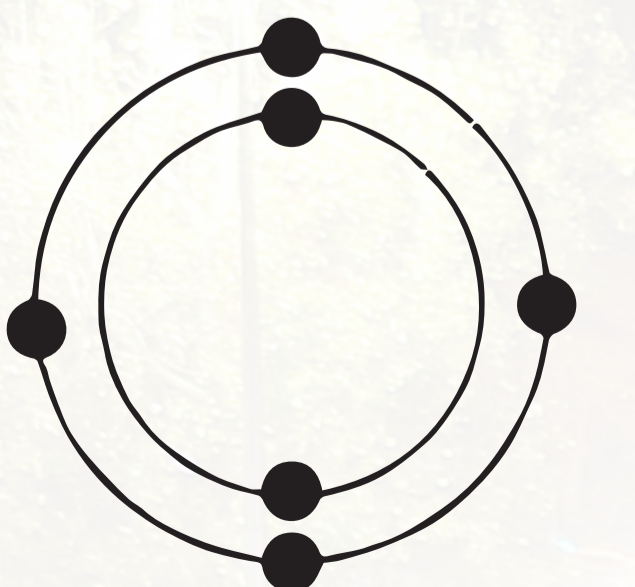
Andy Buchanan/AFP via Getty Images. 2021.





#LOVE EARTH

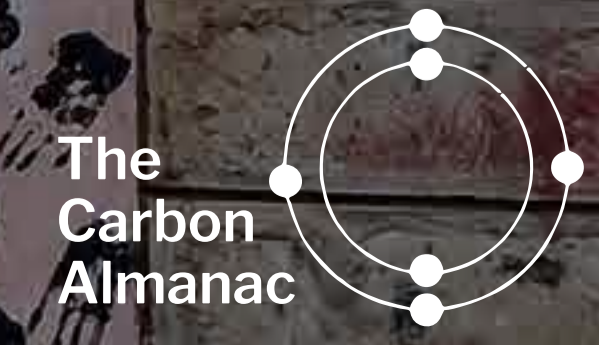
An artwork entitled 'One Heart One Tree' by artist Naziha Mestaoui is displayed on the Eiffel tower, as part of the Conference on Climate Change COP21 in Paris, France.



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@GrandsAN
@AMSO @NARD
MAX @chind'Agulu
@LAWI @MIMI
@AGIE @SHARON



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Artists of the local art project, Art 360, paint a mural raising awareness on mental health and global climate changes in Kibera slum, Nairobi, Kenya.



THANK YOU

For showing up.

For bearing witness.

For sticking with it.

For the difference you've made.

For taking the next step....

It's not too late...

The Carbon Almanac is a book about energy. It is full of facts about the ways we've used energy to make a mess of things and the creative solutions we're developing to turn the tide.

It is also about a different sort of energy. The energy of hope and connection. The ability that humans have to solve problems and to make things better.

It's not too late to make a difference, but none of us can solve this challenge on our own. We need each other to make a difference at a scale that matters. We need to move beyond individual, isolated, effort and join in collective action.

If you're here, you are already a difference-maker. Find more of us at The Carbon Almanac where you'll find dozens of ways to join a global movement to fight climate change. If not now, when?

