



Dear Friends,

2021 was an exceptional year for One Earth. To date, we have provided over \$5.2 million dollars in grants to 58 organizations in 35 countries implementing on-the-ground solutions, developing crucial climate science, and advocating for the systemic change that the world needs to solve the climate crisis and create a just, vibrant future.

Below is a selection of some top highlights from 2021.

The One Earth [Project Marketplace](#) has grown rapidly. We partnered with more than 30 organizations around the world to showcase over 100 vetted on-the-ground projects currently seeking funding in 54 different bioregions.

The scientific collaboration spearheaded by One Earth and Resolve entitled “A [Global Safety Net](#) (GSN)” was named a ‘World Changing Idea’ by Fast Company. Along with its companion paper “A Global Deal for Nature,” our research has over 300 citations, including this year’s G7 communique calling for greater ambition to protect nature.

The interactive [GSN web application](#) developed with Google Earth is now a primary resource for conservation target setting in the lead up to the 2022 UN Biodiversity convention, with tens of thousands of users in 180 countries.

In the final session of the World Conservation Congress of the International Union for Conservation of Nature (IUCN), an overwhelming majority of delegates approved [Motion 101](#), the first-ever formal recognition of the scientific necessity to protect 50% of nature, citing the GSN.

As part of the Amazonia 80 x 25 coalition, One Earth helped to support the passing of another historic [Motion 129](#) at the IUCN conference, calling for the protection of 80% of the Amazon region, centering the rights of Indigenous peoples.

Through our [Fellowship Program](#), One Earth has supported the work of 16 young environmental journalists from all around the world, including India, Uganda, Papua New Guinea, Brazil, Australia, Spain, Nigeria, Peru, Philippines, Canada, Kenya, and Argentina.

Donate Today!

One Earth has now produced over [120 videos](#) highlighting a vast array of climate solutions, conservation success stories, environmental heroes, and keystone species. Our web and social media platforms have rapidly grown with over 70 million impressions this year.

In partnership with the Ellen Fund and 120 wildlife photographers around the world, One Earth helped launch the '[New Big 5](#)' wildlife campaign results, which received international coverage in over 60 publications, including The Guardian, BBC, National Geographic, and Forbes, garnering over 1.5 billion media impressions.

In 2020, we launched the One Earth [Bioregion Navigator](#), a first-of-its-kind interactive sphere that allows users to explore the Earth's 185 bioregions and 844 distinct ecoregions, providing information on local biodiversity features, protected areas, and stunning photos of flagship wildlife species.

National Geographic "Greatest Wildlife Photographs" [virtual exhibit](#) features the Bioregions 2020 framework developed by One Earth with the input of over 20 leading conservation scientists.

One Earth co-founders have spoken at over 22 [global conferences](#) focusing on biodiversity, technology, and climate change solutions, including Web Summit, COP26, World Biodiversity Summit, World Sustainability Summit, and VERGE.

At COP26 in Glasgow, One Earth sent a powerful message delivered to every government delegate at the UN climate conference through a centerpiece of The Guardian's special magazine for COP26, calling for greater ambition to achieve the 1.5°C limit on climate change through 3 pillars of action. You can get a **poster edition download of the insert by donating this week!**

We are one earth.

Together, we can solve the climate crisis, limiting global temperature rise to 1.5°C through three pillars of collective action.




100%

Shift to 100% Renewable Energy

Leading climate and energy scientists have shown it's entirely feasible to transition our global energy supply to renewable sources across all sectors, achieving net zero carbon emissions by 2050. A just transition to 100% renewable energy can be done today with widely available technologies, and it will be far less expensive than business as usual -- creating millions of good long-term jobs, avoiding trillions in annual fossil fuel costs, and preventing trillions in climate damages. The energy transition is already underway, but we need to triple investments in energy efficiency and renewable energy deployment and phase out fossil fuel subsidies by 2025.

50%

Protect & Restore 50% of the Earth

A groundbreaking study entitled "A Global Safety Net to reverse biodiversity loss and stabilize Earth's climate" finds that 50% of the world's land should be protected and conserved to give our ecosystems the best chance of survival as global temperatures rise. These areas store nearly 2 trillion tonnes of carbon and absorb one-quarter of annual CO2 emissions. Deforestation must end by 2030 alongside a global effort to restore 350 million hectares of forests on degraded land, providing the necessary carbon removal to achieve the 1.5°C goal. Indigenous lands play a vital role in protecting the biosphere, so we must strengthen indigenous land tenure rights.

Net 0

Achieve Net Zero Food Systems

We grow enough food to feed ten billion people, but currently 40% of our crop yields are used for livestock and biofuels. At the same time 1/3 of all food is lost or wasted, by cutting meat consumption and food loss in half by 2040, reducing the overapplication of chemical fertilizers, diversifying crops and investing in smallholder farms, we can greatly reduce the greenhouse gas emissions associated with agriculture, while improving human nutrition. And new research shows that by transitioning to regenerative agricultural practices, which increase both the fertility and carbon storage of soils, we can achieve net zero food systems globally.

Join Us! Let's create a just, vibrant future where nature and people thrive as one.

oneearth.org



Photo credits: Left to right: M. Production, Markus Puchner, Giuseppe Smith (CCO), Remy Waples (NASA)

In other news, we are thrilled to have three new team members joining One Earth. Jesse Ladner is our new Director of Operations. Patrick Brown joins our team formally as lead video and digital producer, and Lindsey Roetzel joins us as a writer and content producer.

We have some very exciting plans for 2022, a year that we believe will be one of the most critical to getting the world on track to solve the twin crises of climate change and biodiversity loss. Your generous support has led to a hugely impactful year for One Earth in 2021, and we warmly invite you to help support our work in the year to come.

[Make your tax deductible, year-end donation now](#) and join with thousands of people around the world determined to build a better future for our planet and all its inhabitants. Together we can create a just, vibrant future where nature and people thrive, as one.

With deepest gratitude,
Justin Winters,
Executive Director, One Earth