



GETTING TO HALF-EARTH

THE HALF-EARTH PROJECT

The extinction of species by human activity continues to accelerate, fast enough to eliminate more than half of all species by the end of this century. Earth's foundational, billion-year old environmental support system cannot be replaced. Once species are gone, they are gone forever.

Half-Earth is a call to protect half the land and half the sea in order to manage sufficient habitat to ensure the long-term health of our planet. The Half-Earth Project is bringing this conservation moonshot to life.

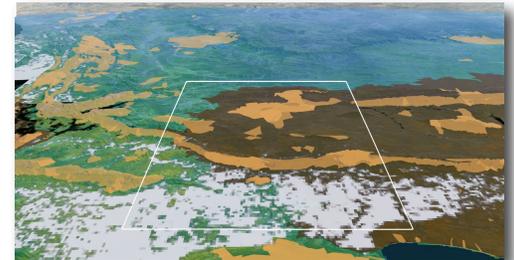
The Half-Earth Project is:

1. Driving research to better understand the species of our planet and their interactions within ecosystems.
2. Providing conservation management leadership by mapping the species of our planet and identifying where we have the best opportunity to protect the most species.
3. Engaging people everywhere to participate in caring for our planet and achieving the goal of Half-Earth.

The Half-Earth Project is mapping Earth's species at fine-scale, and in relation to human activities, to identify conservation priorities that protect the highest number of species.



Species richness data is layered over protected areas maps, providing a global picture of where current conservation efforts are falling short in protecting species.



Zooming in, we can examine species distribution at 1km resolution, a level of detail never before available.



Integrated information about species distribution, current conservation efforts, and human activities provides detailed information that conservationists, managers, and policy-makers can use to create conservation management solutions.



GETTING TO HALF-EARTH: HALF-EARTH PROJECT PROGRAMS

The Half-Earth Project Map

Building on cutting-edge science, analytics and technology, the Half-Earth Project is mapping the fine distribution of species across the globe to identify the places where we can protect the highest number of species. By determining which blocks of land and sea we can string together for maximum effect, we have the opportunity to support the most biodiverse places in the world as well as the people who call these paradises home. The Half-Earth Project Map is a high-resolution, dynamic world map and decision-support tool that guides where place-based species conservation activities are needed the most to save the bulk of Earth's species, including humans.

Global Biodiversity Inventory

By accelerating the effort to discover, describe and conduct natural history studies for every one of the 8 million species estimated to exist, but still unknown to science, we can add to and refine the Half-Earth Project Map, providing increasingly effective guidance for conservation to achieve our goal. The Half-Earth Project is doing research to identify the most rewarding places for future species discovery in order to guide explorers, accelerate biodiversity discovery, and learn more about "the little things that run the world."

The Half-Earth Project Educator Ambassador Program

The Half-Earth Project Educator Ambassador program provides a platform for teachers to engage each other and their students in the grand ambition of Half-Earth, and to inspire and connect students with the natural world. We're working to bottle the inspiration and create the tools to get everyone to Half-Earth. With the grand ambition of Half-Earth as a moonshot, we're counting on Half-Earth Project Educator Ambassadors to lead the way, guiding their students to be out next generation stewards.

The Half-Earth Chairs and Scholars Program

Coming soon, the Half-Earth Chairs and Scholars program will support global biodiversity research and scholarship in an effort to cultivate and champion the unique insights and expertise of scientists from each region of the world and nurture a global footprint of scientific leadership in support of Half-Earth.

Half-Earth Day

On Half-Earth Day we celebrate the grand ambition of Half-Earth, showcase progress, and engage people in how they can participate in the Half-Earth Project. Half-Earth Day brings together scientists, indigenous and local community leaders, and global conservation and multinational organizations to share their voices and visions for how we can best care for our planet.



half the earth for the rest of life



"Unless humanity learns a great deal more about global biodiversity and moves quickly to protect it, we will soon lose most of the species composing life on Earth."
- E.O. Wilson



The E.O. Wilson Biodiversity Foundation fosters a knowing stewardship of our world through biodiversity research and education initiatives that promote and inform worldwide preservation of our biological heritage. This work is driven primarily through our Half-Earth Project.

For more information, please visit:
half-earthproject.org
eowilsonfoundation.org

Or contact:
Chris Heltne
cheltne@eowilsonfoundation.org
984-219-2279