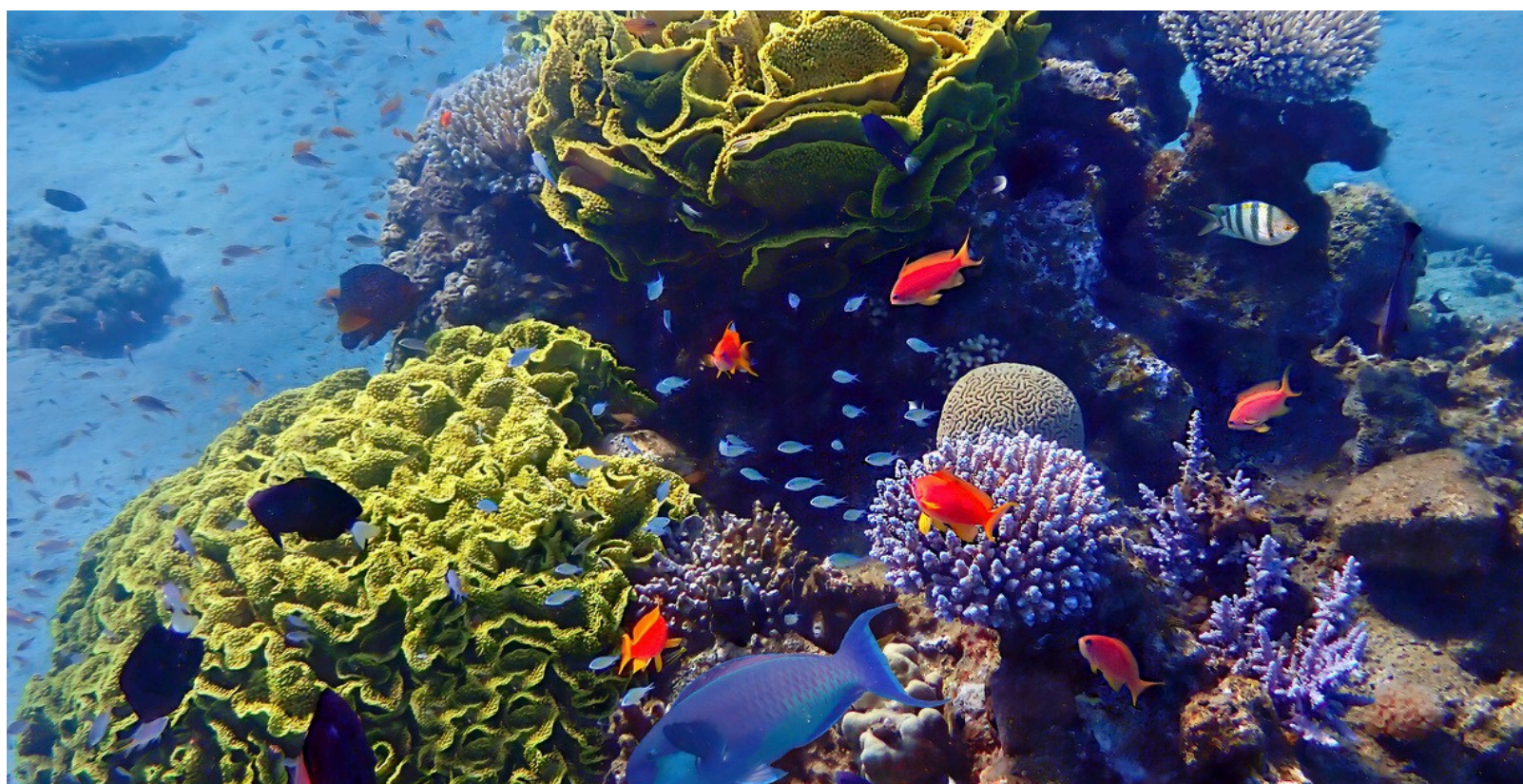




Our mission is to enable the discoveries and solutions needed to sustain Earth's biodiversity in a time of rapid biophysical, institutional, and cultural change. We envision a world where the diversity of life on Earth is valued and sustained for the benefit of all.

What is biodiversity?

Biodiversity is the measure of variation at the genetic, species, and ecosystem levels. Biodiversity is vital to all the mechanisms that support life on Earth.



Who we are

A collaboration and cooperation-focused, boundary-spanning organization that promotes improved biodiversity outcomes by linking needed conservation research with end-users through partnerships and education.

Leadership



Leah Gerber

Founding Director



Gwen Iacona

Assistant Director



Chris Barton

Assistant Director

What we offer

Research We produce insights that transform the way the world thinks about values and manages biodiversity.

Partnerships

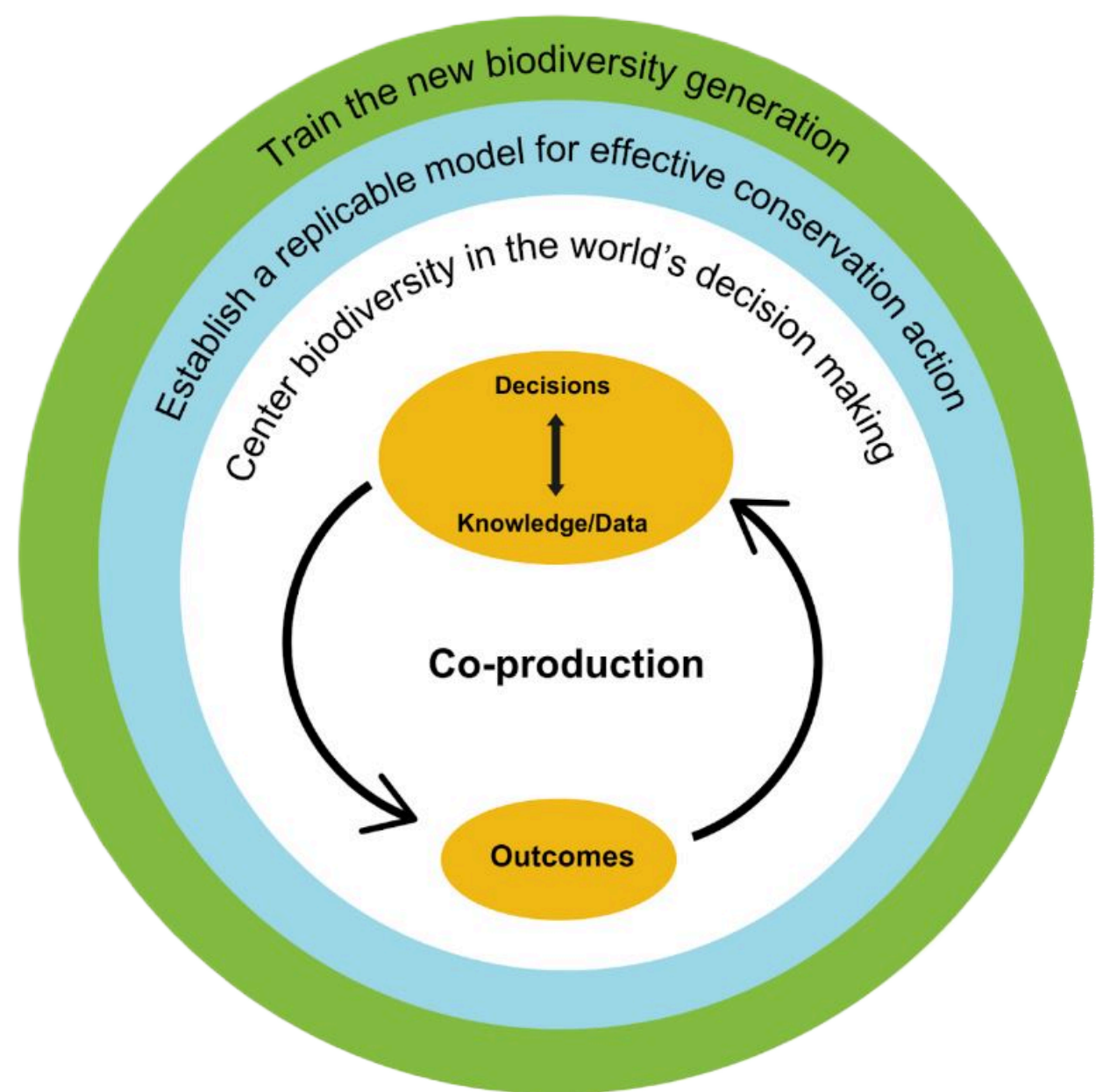
We engage partners from various sectors to apply innovative research to achieve real-world change.

Education We draw on the intellectual power of ASU to train the next generation of conservation leaders on how to communicate with audiences to increase influence and reach.



What we do

1. Train the new generation of biodiversity leaders
2. Establish a replicable model for effective conservation action
3. Bring biodiversity to the center of the world's decision making



Train the new biodiversity generation

Our GirlsConserve program engages underserved girls in STEM fields by offering multigenerational mentoring and culturally responsive curriculum.

Establish a replicable model for effective conservation action

We address problems by codifying and scaling a process to harness data, supporting community partners to engage in co- production, and striving to create a novel configuration of data producers that breaks traditional divides.

Bring biodiversity into global decision making

Success entails collaborating with various stakeholders to identify feasible conservation actions, providing decision-makers with a mechanism to track biodiversity goals, and implementing measures to monitor and report on biodiversity outcomes.

Our Research

Biodiversity Conservation Return-on-Investment USAID and Conservation International

Problem

Where can conservation outcomes be maximized given budget constraints?
Where is agroforestry expected to bring the greatest conservation outcomes?

Solution

Our approach allows businesses to explore tradeoffs between investment choice and biodiversity loss and use this information to inform decisions about action. We balance biodiversity conserve with economic goals of local farmers



Research partnerships

Electric Power
Research Institute



Problem

The challenge is to make informed decisions on regulatory risks under the Endangered Species ACt, including estimating compliance costs and engaging with the private sector.

Solution

The solution involves creating an evidence-based framework to assess compliance costs, providing valuable insights for decision- making in both the public and private sectors, and recommending enhanced practices.

Corporate partnerships

Bayer



Problem

There is insufficient guidance on minimizing pesticide impact to endangered species during risk assessment.

Solution

The solution involves using high-resolution pesticide usage data and developing a novel risk assessment metric to minimize exposure risk to endangered species, enhancing efficiency in pesticide risk assessment through a data-driven approach.