



PRINCIPLE 4

Protecting the planet

Charter as Cause

Guiding principles for fundraising

ASU is a comprehensive public research university, measured not by whom it excludes, but by whom it includes and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves.

The charter's guiding principles for fundraising:

- Making education accessible for all
- Advancing research for the public good
- Serving our community
- Protecting the planet
- Creating learners for life

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Belief statement

A resilient future demands a new approach today.

Overview

As a leader in research, focus, and practice with work that encompasses many disciplines, we are committed to leading the world by example. We work to make an impact on environmental challenges through focused initiatives and real-world solutions. Our initiatives help sustain natural resources and ecosystems, as well as solve our most pressing environmental problems.

Key messages

- Dedicated to solve problems and sustain the integrity of our planet and its life-supporting systems.
- Initiatives range from water conservation and oceans to climate change and global warming, etc.

Proof points

- ASU joined more than 20 other institutions around the world, providing research, expertise and support for the Ocean Nexus Center's four areas of focus: human rights and human security, ocean economy, food safety and sovereignty, and regional fisheries policy.
- The ASU Center for Negative Carbon Emissions with its commercial partner Silicon Kingdom Holdings Ltd., is testing a prototype technology that would remove carbon dioxide from the air, a thousand times more efficiently than natural trees, through the use of "mechanical trees." Widespread use of such a technology could help draw carbon dioxide out of the air and reduce global warming.
- The Swette Center takes a holistic and transdisciplinary approach to develop innovative ideas and policy-relevant knowledge to make the consequences of our food choices explicit in quantitative and qualitative terms. The center's work encompasses water and energy use, carbon footprint and nutrition, innovations in agtech and the well-being and livelihood of farmers and others working in food systems.

- For 2019, Arizona State University ranked top in the U.S. and fifth in the world out of 766 institutions in achieving the United Nations Sustainable Development Goals.
- Following the 2019 Pacific Ocean heatwave that produced widespread coral reef bleaching, ASU scientists teamed up with local and national agencies to assess coral health across Hawaii. Using specially developed mapping technology mounted on a low-flying plane they're able to peel back the seawater and map the seafloor to a depth of 50 feet in three dimensions.