

# Global Futures: Now

## News



### New 'Last Ice Area' study points to decline in Arctic biodiversity

In a study published this month in *Nature*, a group of authors including the School of Ocean Futures' Stephanie Pfirman determine through new high-resolution modeling that the region will become progressively "ice-free" in the coming decades. The study included collaborators from McGill University in Canada and the Lamont-Doherty Earth Observatory at Columbia University.

[Read the research](#)

[Read more in ASU News](#)



## ASU collaboration experts publish article on participatory technology assessment

Published in January by the Federation of American Scientists, the article was written by Nicholas Weller, Mahmud Farooque and Michelle Govani from the School for the Future of Innovation in Society. It explores how the new administration can engage in robust participatory and multi-stakeholder processes that support responsible decision-making in areas where neither science nor existing policy provides clear guidance.

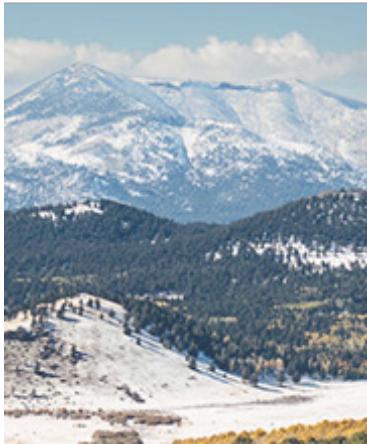
[Read more](#)



## ADEQ to partner with Global Futures Laboratory on rising ozone level research

The Arizona Department of Environmental Quality announced a research partnership with the Global Futures Laboratory to address rising ground-level ozone concentrations in Maricopa and Pinal counties. Peter Schlosser says the research has the opportunity to "greatly help the region achieve federal air quality standards and avoid greater economic impacts and sanctions."

[Read more](#)



## **AWII researchers developing new methods to map and monitor snowpack for water planning**

Researchers with the Arizona Water Innovation Initiative, led by postdoctoral scholar Zhaocheng Wang and working with SRP, are evaluating existing snowpack through new imagery from Planet to assist in long term planning for water from the Salt and Verde watersheds.

[Learn more](#)



## **Ed Finn explores how science fiction can be an ideal tool for discussing science and technology policy**

In the Winter 2025 edition of *ISSUES* in Science and Technology, Ed Finn, director of the Center for Science and the Imagination, contributes an article of how science fiction engages the exploration of the "adjacent possible": the worlds society might be able to reach from where we are today.

[Read more](#)



## Peter Schlosser talks confronting profound challenges at Davos

ASU's vice president and vice provost of Global Futures, spoke with Hub Culture as part of their daily morning show at the World Economic Forum at Davos in January. In this interview, Schlosser discusses how the Global Futures Laboratory approaches the array of interconnected global challenges we are increasingly facing.

[Watch now](#)



## Leah Gerber brings biodiversity conversation to Oxford

Providing examples from a decade of work in leading the Center for Biodiversity Outcomes, Leah Gerber spoke at the Oxford Martin School about ways to bring biodiversity into global decision making and to establish a replicable model for effective conservation.

[Watch now](#)



## Jennifer Vanos and Konrad Rykaczewski discuss extreme heat research and solutions on 10X podcast

Moderated by Ten Across founder Duke Reiter, Vanos and Rykaczewski share insights on groundbreaking heat research underway at the Global Futures Laboratory and how tools like ANDI the thermal manikin are helping inform important

solutions for people to persevere through extreme heat conditions.

[Listen now](#)



## Sustainable Cities Network a pipeline for municipal careers

A number of Arizona cities and municipalities engage ASU's Sustainable Cities Network to improve and expand their sustainability strategies. They are also providing students with applied experience and building networks that are directly translating to jobs.

[Read more](#)



## Water Institute hosts Water Solutions Summit

Global business leaders and local leaders came together in late January to discuss water scarcity and plans for effective future management. The keynote address was provided by Estelle Brachlianoff, CEO of Veolia, and panelists included Tempe Mayor Corey Woods and Peoria city manager Henry Darwin.

[Read more](#)



## College of Global Futures to run Phoenix's Student Council Sustainability Officer Program

For the past 11 years, the city of Phoenix has been the host for a groundbreaking student stewardship program focusing on sustainability. The hosting duty is shifting to the home of the nation's first School of Sustainability, ensuring a continuation of outreach to 30 schools and their 40,000 students.

[Read more](#)



## Global Futures Laboratory works with Inter-Parliamentary Union on training videos

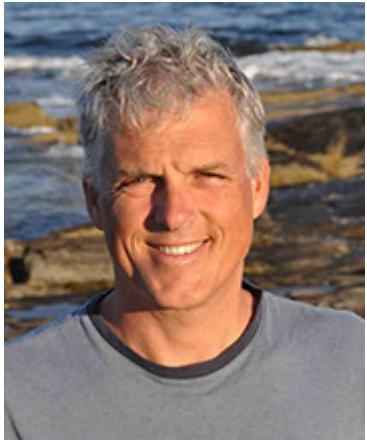
As a part of the Parliaments for the Planet campaign, the Global Futures Laboratory helped produce a series of instructional videos for parliamentarians around the globe to be better equipped to accelerate action on climate issues their home nations face.

[Learn more](#)



## School of Ocean Futures degrees now eligible for Western Undergrad Exchange

“Expanding access to high-quality education is a core commitment at ASU, and the inclusion of our ocean futures programs in the Western Undergraduate Exchange reflects that mission,” said University Provost Nancy Gonzales.

[Read more](#)

## **Craig Carlson named next president, CEO of ASU BIOS**

One of the planet's leading marine biology researchers, Carlson has been appointed as the new president and chief executive officer of the Bermuda Institute of Ocean Sciences and will assume his new role this summer. "ASU BIOS's track record shows the power of collaboration in advancing our understanding of diverse marine environments...and I am eager to join and contribute to its mission."

[Read more](#)

## **Susanne Neuer awarded 31st Prof. Dr. Werner Peterson Foundation Excellence Professorship**

The award, dedicated to advancing science, research, technology and culture works closely with GEOMAR to honor world-renowned scientists and grants scientists with €20,000 in funding and a six-week research stay at the GEOMAR center in Kiel, Germany.

[Read more](#)

## **Upcoming Events**



## How to Thrive as a Changemaker in a Noisy World

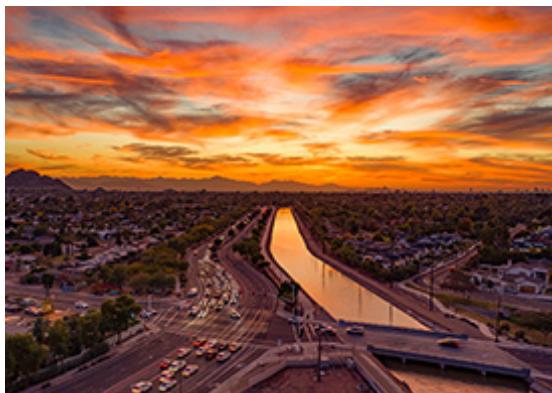
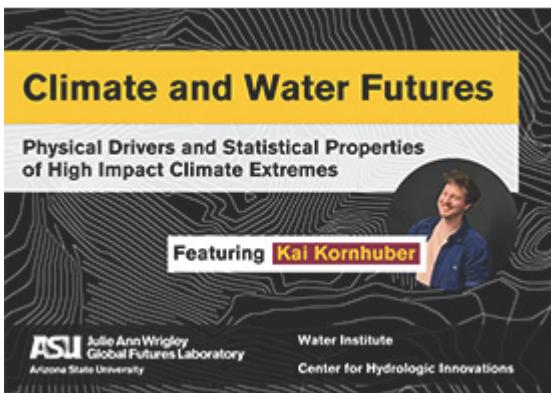
Thursday, Feb. 27  
4-6 p.m.  
ASU Tempe Campus  
ISTBX 481 and Zoom

[Learn more](#)

## Real Food, Real Facts: Processed Food and the Politics of Knowledge

Monday, March 3  
10:30 a.m.-Noon (MST)  
ASU Tempe Campus  
ISTBX 481

[Learn more](#)

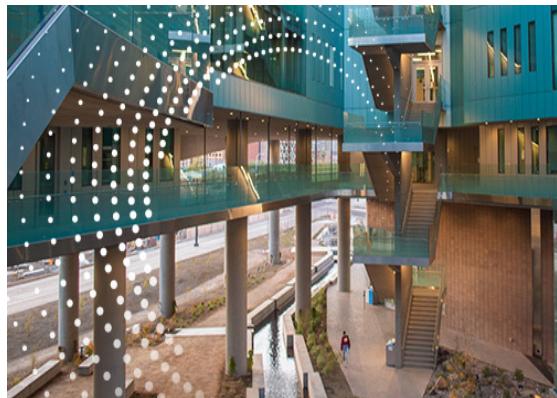


## Climate and Water Futures: Kai Kornhuber

Wednesday, March 5  
Noon-1:15 p.m. (MST)  
Zoom

## Rethinking Water West

Thursday, March 20  
9 a.m.-5 p.m. (MST)  
ASU Tempe Campus  
WCPH Auditorium

[Learn more](#)[Learn more](#)

## Save the date: Global Futures Conversation

Thursday, March 27  
4-5 p.m. (MST) ASU  
Tempe Campus  
WCPH Auditorium

## Earth Day 2025

Tuesday, April 22  
Noon-3 p.m. (MST)  
ASU Tempe Campus  
WCPH Auditorium

[Learn more](#)

## Futurecast

### Edition 7 | Winter 2025

"Global Futures: Futurecast" offers a look into our prospective futures through the eyes of the extensive Global Futures Scientists and Scholars Network. Explore what might come in the seconds, days, and years ahead. Our latest issue features ASU experts discussing efforts around water-security, how climate change could increase global locust outbreaks and how working with local communities may be the best, most immediate demonstration of impact.

[Read now](#)



# Arizona State University Sustainability Impact Review

**Volume 1 | 2023-2024**

"Arizona State University: Sustainability Impact Review" highlights the wide range of ASU's recent sustainability efforts throughout the last year. Securing a thriving future requires commitment from all parties, including higher education officials. From coral conservation to the expansion of electric vehicle use, this inaugural issue demonstrates ASU's commitment to meeting the challenge.

[Read now](#)

## Global Futures Viewbook

**We must rediscover our planet and our relationship with it.**

What does this mean, exactly? For the faculty, students, researchers and global partners of the Julie Ann Wrigley Global Futures Laboratory, it means a commitment to urgently exploring pathways to impactful solutions and decisions that address the challenges we have caused through resource extraction and thoughtless consumption as part of a relentless pursuit of "progress."

We believe better is possible.

[Learn more](#)



Arizona State University



## Repeatedly ranked #1

**innovation**

ASU ahead of MIT and Stanford

— U.S. News & World Report, 2016–24

**sustainability**

ASU ahead of Stanford and UC Berkeley

— Sustainability Tracking, Assessment & Rating System, 2023

**global impact**

ASU ahead of MIT and Penn State

— Times Higher Education, 2020–23

### Don't miss any future news

Be sure to receive this newsletter as well as other journals and updates including our biannual journal, Futurecast.

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