

Fall 2019

Sustainability Spotlight

University of Dayton. Hanley Sustainability Institute

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NOTE: *University of Dayton physics professor Robert Brecha is a co-author of Climate Analytics' report on coal exit that was published ahead of the United Nations Climate Action Summit. Brecha is on leave under a European Union Marie Curie Fellowship working with Climate Analytics in Germany on sustainable energy access and system transformation in Least Developed Countries (LDCs) and Small Island Developing States (SIDS).*

Brecha: Coal a key 'knob' to turn off to slow down world's carbon dioxide emissions

There is still a disconnect among what climate science tells us will be the likely consequences and impacts of continued rapid climate change, the willingness of policymakers to truly take projections seriously and the internalization of citizens in wealthy countries to realize that within a generation our energy system and many other consumption patterns will change.

Thirty years of periodic summaries by the Intergovernmental Panel on Climate Change (IPCC) of the state of climate science have not done enough to bring the seriousness of the climate crisis to a broad level of consciousness.

Fundamentally, it is important to realize there are really only a small number of “knobs” that need to be turned – changes that must be made – that are dramatic, but also can have many positive aspects even beyond the mitigation of the worst impacts of climate change itself.

Over the past decades scientists have come to recognize there is a straightforward relationship between any given temperature goal and the amount of carbon dioxide that can be emitted over time. The longer we emit

CO₂, the higher the temperature will go; the less the science says that global average temperature can change without causing irreversible and serious consequences, the sooner we have to stop emitting CO₂. [Full column.](#)

This is **SUSTAINABILITY SPOTLIGHT**. We highlight news related to the Hanley Sustainability Institute, the Sustainability Program and sustainability on the University of Dayton campus. This newsletter is scheduled to publish electronically on the second and fourth Tuesdays of the month, excluding holiday weeks.



Sustainability Week remaining calendar

TODAY, Tuesday, Oct. 22

- 11 a.m.-2 p.m. - Bug bake sale & bike blender, KU
- 7-8 p.m. - Speaker Matt Cox: University of Dayton graduate **MATT COX**, the CEO of The Greenlink Group Inc., is the keynote speaker during UD's Sustainability Week. Cox's free, public talk is at 7 p.m. Tuesday, Oct. 22, in the Sears Recital Hall inside the Jesse Philips Humanities Center on UD's campus. [Full story here.](#)

Wednesday, Oct. 23

- 11 a.m.-2 p.m. - Fair trade coffee, KU
- 2-4 p.m. - Table hours, Marycrest
- 6-7:30 p.m. - Sustainable development goals event, Sears Recital Hall
- 7:30-8 p.m. - Climate change dialogue, Sears Recital Hall

Thursday, Oct. 24

- 11 a.m.-2 p.m. - Table hours, KU
- 2-4 p.m. - Table hours, Marycrest
- 5-8 p.m. - Cookout, Art Street
- 8-10 p.m. - True Cost documentary, Sears Recital Hall

Friday, Oct. 25

- 5-8 p.m. - Clothing swap, Heritage Coffee House

Saturday, Oct. 26

- 10 a.m.-1 p.m. - HSI gardening, River Campus
- 8:45 a.m.-5 p.m. - Trip to Yellow Springs ([see upcoming events below](#))

FOOD TRUCKS | LIVE MUSIC | RAFFLES

CO-OP FEST

FRI, OCT 25 AT 5PM | YELLOW CAB TAVERN
DERON BELL BAND | PREMIUM BLEND | FREAKQUENCY
\$10 ADVANCE AT EVENTBRITE & \$15 AT DOOR (\$10 FOR MEMBERS)



LET'S BUILD A JUST ECONOMY FOR ALL!



'FUNKY' FUNDRAISER highlights the Hanley Sustainability Institute's partnership with Co-op Dayton, which brands itself as the non-profit incubator for worker- and community-owned cooperative businesses that build a more resilient, inclusive Dayton economy.

The group is a community partner of HSI and other sustainability efforts at the University of Dayton.

CO-OP Fest, the organization's annual fundraiser and celebration complete with food trucks and live music is from 5 to 11 p.m. Friday, Oct. 25 at the Yellow Cab venue on East Fourth Street. [FULL STORY](#).

Calling all potential **SUSTAINABILITY SCHOLARS!** Faculty and other researchers with scholarly interests in sustainability are invited to contact Hanley Sustainability Institute Executive Director [Ben McCall](#) for more information.



The Bicycle Friendly University designation was the result of a collaboration. The application was completed by Hanley Sustainability Institute graduate assistant Jen Lumpkin with support from the campus Bike Committee and Campus Rec. The application was submitted by Facilities Management.

UD named a Bicycle Friendly University

The University of Dayton was honored as a bronze-level Bicycle Friendly University by the League of American Bicyclists. The award is in recognition of promoting and enabling safe, accessible bicycling on campus. UD is one of just seven Ohio campuses and 208 colleges and universities nationally to earn the Bicycle Friendly University distinction.

"By meeting one of the four award levels, universities and colleges demonstrate a commitment to not only fostering academic achievements, but also to developing model environments where people can safely bike and contribute to healthier, more sustainable outcomes," said Bill Nesper, executive director of the League. [Full story.](#)

Upcoming events

- **Oct. 26:** Yellow Springs Field Trip: The "Hike, Sustainability, Fun" outing is from 8:45 a.m. until 5 p.m. **Saturday. RSVP requested by Nov. 5** by putting "SEE Yellow Springs" in the subject line for an email to ljablonski1@udayton.edu. The group will meet at 8:45 a.m. at Stuart Residence Hall, leave by bus and be back to campus by 5 p.m. There will be a guided morning geology/nature hike led by Dr. Al McGrew at GlenHelen Nature Preserve, an inside tour of a straw-bale sustainability house and Antioch solar array, time in downtown Yellow Springs, lunch at Ha Ha Pizza and desert and time to relax at Young's Jersey Dairy.
 - **Nov. 7:** Screening of the movie, "[Human Element](#)" with table dialogue and panel: co-sponsored by HSI and [Green Energy Ohio](#), 6:30-9 p.m., KU ballroom. **STUDENTS:** This event is PATH-point eligible.
 - **Nov. 13:** Food Justice in Dayton: A Dinner Dialogue, 5:30-7:15 p.m., KU Ballroom. A taco bar dinner will be available at 5:30 p.m. with PATH-point eligible dialogue starting at 6:15 p.m. [Register here](#) for the Hunger and Homelessness Awareness Month event co-hosted with the UD Campus Ministry's Center for Social Concern. For more information, contact ljablonski1@udayton.edu.
 - **Nov. 20:** Montgomery County Food Summit, 8 a.m.-noon, Building 12 Great Hall, Sinclair Community College. Registration is free, but required by Nov. 6. Participants register [here](#) while exhibitors register [here](#).
 - **Tell us about your event:** If you have a sustainability event, please email the details to hsi@udayton.edu
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[Sustainability Program website](#)

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