

Earth Week 2016 and related events

As it does each year, Students for Environmental Concerns (SECS) presents Earth Week 2016 — and iSEE has a few additional events of interest to include in surrounding days as well!

EARTH WEEK ORGANIZER

Students for Environmental Concerns (SECS)

EARTH WEEK CO-SPONSORS

Institute for Sustainability, Energy, and Environment (iSEE); Prairie Rivers Network; Illinois Sustainable Technology Center (ISTC), a Division of the Prairie Research Institute; Alpha Phi Omega; Student Organization Resource Fee (SORF); and University YMCA

THURSDAY, APRIL 14

Charles David Keeling Lecture — 7 p.m. @ Noyes Laboratory Room 100

Co-sponsored by iSEE, School of Earth, Society and Environment (SESE), School of Chemical Sciences (SCS), Department of Atmospheric Sciences, and Department of Chemistry

Speaker Christopher B. Field, founding director of the Carnegie Science Department of Global Ecology and Melvin and Joan Lane Professor for Interdisciplinary Environmental Studies at Stanford University.

Field will deliver the 2016 Keeling Lecture — “Climate Change: The Road through Paris” — exploring the current status of climate change science, action toward solutions, and directions the world is headed.

The Lecture is named for Keeling, a 1948 graduate of the Department of Chemistry at the University of Illinois who was renowned for making extremely precise measurements of carbon dioxide (CO₂). These measurements clearly indicated that the atmospheric concentrations were increasing, leading to the recognition that human activities could have a significant impact on the earth’s climate system.



FRIDAY, APRIL 15

Illini Lights Out — 6:30 p.m. @ the Illini Union & Main Quad

iSEE is hosting an opportunity for student volunteers to turn the lights off in campus buildings on the Main Quad to save energy. Volunteers will meet at 5:45 p.m. on the sidewalk between Lincoln Hall and the English Building to receive brief instructions as well as their building assignment. Afterward, volunteers can eat free pizza on the patio.

SATURDAY, APRIL 16

USGBC Student Sustainability Initiatives — 10 a.m.-4 p.m. @ Newark Civil Engineering Building

The Student Sustainability Initiatives Symposium, hosted by USGBC Students, will offer a series of talks and workshops covering a range of topics related to sustainability. The goal of this

Earth Week 2016

symposium is to create a space for discussion between different fields that will impart unique insights into the sustainability issues that stand in the face of the current generation. (\$5 registration fee; lunch will be provided.)

Sonified Sustainability Festival — 1-5 p.m. @ Krannert Center for Performing Arts

This all-ages event, co-sponsored with a grant from the Student Sustainability Committee (SSC) will feature live music by Brooklyn-based artist Ken Butler and local musicians Berimbau Bandit & the Caxixikid, and Tony Taylor. The festival includes interactive, sustainable art-making and an information fair providing greater visibility of local projects, programs and organizations working toward a sustainable future. (Free admission for campus and community audiences.)



MONDAY, APRIL 18

iCAP Forum: 11:30 a.m.-1:30 p.m. @ Illini Union Room 104

Join members of iSEE's six Sustainability Working Advisory Teams (SWATeams) and the iCAP Working Group (iWG) for a luncheon roundtable discussion of progress toward campus sustainability goals at this annual Earth Week iCAP Forum. Space is limited to attendees who have RSVP'd through our Webtools form.

Vegan/Vegetarian Cooking Demonstration — 6:30-7:30 p.m. @ the University YMCA

A short talk will be given about the environmental benefits of vegan/vegetarianism followed by a cooking demonstration. Free samples will be available at the end of the event.

TUESDAY, APRIL 19

SECS Plant Sale — 10 a.m.-3 p.m. @ the Main Quad

Need something to green up your current or future living space? Check out this sale for plants you can grow yourself.

Bike Tuneups on the Quad with BikeFace — 10 a.m.-3 p.m. @ the Main Quad

Bikeface will examine bicycles and make some quick tweaks for all who use this Earth-friendly form of active transportation.

Skip the Bag Art Exhibit and Environmental Expo — 11 a.m.-3 p.m. @ Illini Union Room A

The Skip the Bag campaign will be creating unique pieces of art to showcase the harms of using one-use plastic bags. Environmental RSOs and local community groups will also be present at this event to get students involved in their different environmental missions.

WEDNESDAY, APRIL 20

Campus Bicycle Census — 10-11 a.m. @ various blocks of campus

The biannual Campus Bicycle Census involves volunteers that, for one hour, count all the bicycles on campus. The census data is collected and then send to University of Illinois staff to help inform bicycle policy and infrastructure for the future. Volunteers may sign up here:

<http://goo.gl/forms/KA5eA3r4x3>. The census requires a smartphone and a free app called

Collector, which will record findings and upload automatically to an online map. Organizers will show census takers how to use the app and what to look for in the census at a one-hour training session (select a time and day for training on the signup form). Those who can't volunteer for the census can instead count the bike racks at a couple of residence halls at either 7 a.m. or 7 p.m. the same day of the census (please indicate this at the bottom of the signup form; you will still need to come to one of the orientation sessions so we can give you a map, instructions, and make sure you know how to use the GIS app for your smart phone).

Campus Tree Walk — Noon-1 p.m. @ north entrance of Illini Union

Join Gary Kling, Associate Professor of Horticulture and a member of the Campus Tree Advisory Committee, for a walk highlighting some of the valuable and historic trees in the heart of campus. Kling's commentary will include how to identify the tree, some of the key features of each tree and information on its cultivation. Participants will get plenty of opportunity to ask questions along the way. Kling has been teaching about landscape plant materials on campus for more than 30 years, giving him a rich historical perspective of this valuable campus resource.



Ogura Lecture Series — 3:30 p.m. @ NCSA Building Auditorium (1122)

Sponsored by Department of Atmospheric Sciences

Speaker Ken Caldeira, Carnegie Institution – Department of Global Ecology, Climate Change and Ocean Acidification: Physical Science at the Edge of Public Policy

Our society faces major decisions about how to address risks posed by emissions of carbon dioxide and other greenhouse gases. Physical science can help inform these societal decisions by providing information about what might occur if we do not curtail emissions. Further, physical science can help us to understand possible consequences of some proposed response options (e.g., solar geoengineering, large-scale land cover change). My group has done modeling studies investigating long-term consequences of 'do-nothing' policies. We have performed field work to try to understand consequences of ocean acidification on coral reefs and rocky tide-pool ecosystems. We have performed modeling studies to examine effects of several proposed geoengineering schemes. We have also investigated effects of large scale land cover change on the climate system. This talk will discuss results and experiences my group has had in attempting to do policy-relevant physical science. I will present several examples to illustrate how field research and global models can help inform societal decisions. The talk will illustrate some of the complexities involved in doing physical science at the edge of public policy.

"Chasing Ice" Film Screening and Panel Discussion — 7-9 p.m. @ Illini Union Courtyard Cafe

Co-sponsored by ISTC, East Central Illinois Chapter of American Chemical Society

In this Emmy Award-winning documentary, follow National Geographic photographer James Balog across the Arctic as he deploys time-lapse cameras designed for one purpose: to capture a multiyear record of the world's changing glaciers. A panelist discussion will follow the film in which the audience will have a chance to ask questions about the film and climate change. The panelists: Jim



Earth Week 2016

Angel, Illinois State Climatologist; Dana Labotka, Isotope Geochemist and Paleoclimatologist; and Rob Kanter, Environmental Policy and Environmental Journalism.

THURSDAY, APRIL 21

Bike Tuneups on the Quad with BikeFace — 10 a.m.-3 p.m. @ the Main Quad

Bikeface will examine bicycles and make some quick tweaks for all who use this Earth-friendly form of active transportation.

Clothing Swap/Fashion Revolution Day — 11 a.m.-5 p.m. @ the University YMCA

Do some spring cleaning and stop by one of our many drop-off locations (TBD) to drop off your gently used clothing — then swap out your donations for other students' items. Every item you donate gets you one swap at the Clothing Swap. Fashion Revolution Day is an initiative to bring awareness to the social and environmental issues found in clothing production and consumption. We will have a table to showcase Fashion Revolution Day at the clothing swap.

Champaign County Sustainability Network (CCnet) — Noon-1 p.m. @ Champaign County Economic Development Corp.

Join CCNet for a talk titled "Illinois Nutrient Loss Reduction Strategy: How we got here, where we're going, and what that means for cities." The talk will feature Eliana Brown, Stormwater Specialist with Illinois-Indiana Sea Grant (IISG) and Illinois Water Resources Center (IWRC) who focuses on green infrastructure and regulatory aspects of wastewater and stormwater systems, and Anjanette Riley, Communications Specialist and science writer for IISG.

Student Sustainability Symposium — 5:30-7 p.m. @ Illini Union Room 210

Join a discussion with the Student Sustainability Committee (SSC), a campus committee that allocates more than \$1,000,000 each year to fund on-campus green projects — projects like solar panels for the new ECE Building, the Sustainable Student Farm, and bike parking throughout campus.

Green Observer Trivia Night — 7-10 p.m. @ Murphy's Pub

Join the staff of the Green Observer for a night full of environmental trivia questions. All are welcome and proceeds support the Green Observer's annual printing costs. Prizes will be awarded to the winning team and tickets are \$5/person if pre-registered and \$7/person at the door.

FRIDAY, APRIL 22

BikeFace presents: A Ride with the Chancellor — 8:30 a.m. (NOTE NEW TIME!!) @ Campus Bike Center (ends at Lincoln Hall)

Join the club — and Chancellor Barbara Wilson — for an eco-friendly ride.

Beyond Coal: "How dirty is our energy?" — 10 a.m.-3 p.m. @ the Main Quad

Beyond Coal will have visual/interactive display to illustrate how reliant we still are on "dirty energy."

Earth Week 2016

Nature Walk and Talk with the Wildlife Society — 4-6 p.m. @ Boneyard Creek

An afternoon walk through Boneyard Creek to explore the land and discover the species around us

SATURDAY, APRIL 23

Boneyard Creek Community Day — 9 a.m.-noon @ Scott Park

Help restore the beauty of natural waterways by volunteering for this 11th annual event.

Individual and team registration is open now at <http://www.boneyardcreek.org>. Everyone can participate as work sites vary from projects in the creek to those more suited for families and seniors. For more information, visit go.fs.illinois.edu/BCCD.