

**Human Dimensions of Environment (HDE) Update**  
**February 17, 2015**  
[www.hde.osu.edu](http://www.hde.osu.edu)

To submit items for the next update, send to: [hde@osu.edu](mailto:hde@osu.edu)

**\*\*OHIO STATE UNIVERSITY OPPORTUNITIES/NEWS**

**Funding Opportunities**

**Undergraduate Decision Sciences Grants** - Small research grants for undergraduates, up to \$1800 - no deadline -Details and instructions are available at <https://decisionsciences.osu.edu/small-research-grants-undergraduates>

**Small Research Grants for Faculty and Graduate Students** - Small grants of up to \$3000 are available to support Decision Sciences research at Ohio State. The goal of these competitive grants is to foster new Decision Sciences research activity and collaboration – **April 15, 2015 is the next submission deadline** – Details and instructions are available <https://decisionsciences.osu.edu/small-research-grants-faculty-and-graduate-students>

**Conferences/Seminars**

**Thursday, February 19, 2015: TV Weathercasters as Climate Educators: Making the Climate Local.**

Dr. Edward Maibach, Director of the Center for Climate Change Communication (4C) at George Mason University will be giving a talk entitled "**TV Weathercasters as Climate Educators: Making the Climate Local.**" at 11AM in Rm. 360 within the Journalism Building on 18th Ave, Central Campus. Brought to you by OSU School of Communication, the Byrd Polar & Climate Research Center, and the Behavioral Decision-Making Initiative are sponsoring a campus talk on climate change communication. Find out more [here](#).

**Thursday, February 19, 2015: Taking Ohio's Temperature: Assessing Local Health Impacts of Climate Change @ 7 p.m., WOSU@COSI, 333 W. Broad St., Columbus, OH**

*Presented by Health Science Frontiers*

NASA and the National Oceanic and Atmospheric Administration (NOAA) recently announced that 2014 was globally among the top three warmest years since record-keeping began. However, what does this change in global climate mean locally for Ohio and Ohioans in the long-term?

According to 2014 U.S. National Climate Assessment, Ohio is likely to experience more extreme heatwaves, increased heavy rain downpours, and flooding that will significantly worsen both local air and water quality. Climate change will also likely worsen existing environmental problems to harmful algal blooms in Lake Erie.

How will these environmental changes impact human health in Ohio? Scientists and health experts warn that lower air quality may worsen asthma and increase respiratory diseases and infections. Lower water quality may also boost rates of infectious insect and water-borne diseases. Drinking water supplies may also be threatened, as recently happened in Toledo last year, as toxic algal blooms occurring in Lake Erie and inland water reservoirs occur more frequently.

So how do we adapt to these new climate conditions? What health precautions do we need to take? How do we communicate and educate Ohioans about these health risks? Please join us for a public conversation on these topics and more with a panel of local and national health, risk, and climate experts, including:

- Edward Maibach, Professor and Director of the Center for Climate Change Communication at George Mason University
- David Bromwich, Professor of Geography and Senior Research Scientist at the OSU Byrd Polar Research Center
- Jeffrey Reutter, Director, Ohio State Sea Grant and Stone Laboratory
- Richard Hicks, Director, Office of Health Planning at Columbus Public Health

The panel will be moderated by a WOSU journalist. The event is free and open to the general public with seating beginning at 6:30 p.m. Attendees will be able to participate in the panel discussion during the Q and A session. Free parking vouchers will be distributed at the event. **Please RSVP your attendance to [mailto:science\\_forum@osu.edu](mailto:science_forum@osu.edu) by February 18, 2015.**

**Tuesday, February 24, 2015 - 7:30 am**

**Environmental Professionals Network (EPN) Presents Cleaning Up America's Rivers -**

EPN and American Electric Power welcome Chad Pregracke, President and Founder of Living Lands and Waters, and CNN's Hero of the Year 2013, who will present Cleaning Up America's Rivers. This event will be held in the Nationwide and Ohio Farm Bureau 4-H Center. Register to attend at [epn.osu.edu/events/epn-breakfast-club-february-2015](http://epn.osu.edu/events/epn-breakfast-club-february-2015).

**Save the Date:** OSU's [Climate, Security, Health, and Resilience Initiative](#) will host a second workshop on **April 28, 2015** at the Mershon Center for International Security Studies. This workshop will broadly cover issues of resilience, technology, and scarcity on the topic of climate change, but more information is forthcoming. We invite you to save the date!

## **\*\*NEWS / FORUMS**

*Most Americans Support Government Action on Climate Change, Poll Finds* - New York Times - January 30, 2015 - [http://www.nytimes.com/2015/01/31/us/politics/most-americans-support-government-action-on-climate-change-poll-finds.html?\\_r=0](http://www.nytimes.com/2015/01/31/us/politics/most-americans-support-government-action-on-climate-change-poll-finds.html?_r=0)

*Emotions, not science, rule U.S. climate change debate - study* - Thomson Reuters Foundation - February 5, 2015 - <http://www.trust.org/item/20150205183924-k4eku/?source=fiOtherNews3>

*Climate Change Is of Growing Personal Concern to U.S. Hispanics, Poll Finds* - New York Times - February 9, 2015 - [http://www.nytimes.com/2015/02/10/us/politics/climate-change-is-of-growing-personal-concern-to-us-hispanics-poll-finds.html?\\_r=0](http://www.nytimes.com/2015/02/10/us/politics/climate-change-is-of-growing-personal-concern-to-us-hispanics-poll-finds.html?_r=0)

*Carbon emissions could dramatically increase risk of U.S. megadroughts* – NASA Headquarters and NASA's Goddard Institute for Space Studies - February 13, 2015 - <http://climate.nasa.gov/news/2238/>

*Climate Change Poised to Make Infectious Disease Outbreaks More Frequent* – Newsweek – February 16, 2015 - <http://www.newsweek.com/climate-change-poised-make-infectious-disease-outbreaks-more-frequent-307161>

**\*\*FUNDING OPPORTUNITIES**

**Dear Colleague Letter: SEES: Interactions of Food Systems with Water and Energy Systems - NSF 15-040 - February 2, 2015 - March 30, 2015 Deadline:**

[http://www.nsf.gov/pubs/2015/nsf15040/nsf15040.jsp?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15040/nsf15040.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click)

**\*\*JOB OPPORTUNITIES**

**Postdoc - Coupled Human and Natural Systems** - Department of Geography - Dartmouth College (USA) - [http://discrs.org/newsletter/2015\\_02\\_10\\_Postdoc\\_DartmouthCollege.pdf](http://discrs.org/newsletter/2015_02_10_Postdoc_DartmouthCollege.pdf)

**Asst/Assoc Prof - Sustainability and Diverse Indigenous Food Systems** - Department of Anthropology - Ohio State University (USA) - [http://discrs.org/newsletter/2015\\_01\\_28\\_AsstProf\\_OhioStateU.pdf](http://discrs.org/newsletter/2015_01_28_AsstProf_OhioStateU.pdf)

**Director - Climate Research and Policy** - Natural Resources Defense Council (USA) - [http://discrs.org/newsletter/2015\\_02\\_10\\_Director\\_NRDC.pdf](http://discrs.org/newsletter/2015_02_10_Director_NRDC.pdf)