

**From:** Nancy Rose  
**Subject:** DISCCRS News - December 9, 2014  
**Date:** December 9, 2014 1:30:27 PM PST

---

## DISCCRS News

December 9, 2014

\*\*\*\*\*

Looking for more *career resources*? Check out the Career Resources page of the DISCCRS website (<http://disccrs.org/career>) for a great collection of resources for developing professional skills, locating funding opportunities, crafting grant proposals, and more.

### RESOURCES

**Restoring the Foundation: The Vital Role of Research in Preserving the American Dream** - American Academy of Arts & Sciences - September 16, 2014 - <https://www.amacad.org/content/Research/researchproject.aspx?d=1276>

Note from Sue: this is a nice report from a group that includes two former NSF directors and other notables. The report is long, but there is also an executive summary.

**The hottest year ever around the world – in pictures** - Guardian - December 3, 2014 - <http://www.theguardian.com/environment/gallery/2014/dec/03/hottest-year-ever-around-world-in-pictures>

**Podcast: what kind of climate deal will we get in Lima? - audio** - Guardian - December 4, 2014 - <http://www.theguardian.com/global-development/audio/2014/dec/04/cop-20-un-climate-change-deal-lima-peru-audio>

**Highlights from week one at the Lima climate talks – in pictures** - Guardian - December 5, 2014 - <http://www.theguardian.com/environment/gallery/2014/dec/05/highlights-from-week-one-at-the-lima-climate-talks-in-pictures>

### FUNDING

**NSF Research Coordination Networks (RCN)** - Program solicitation: NSF 15-520 - Full proposal deadline: March 02, 2015 - [http://www.nsf.gov/pubs/2015/nsf15527/nsf15527.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15527/nsf15527.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

**NSF Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)** - Program solicitation: NSF 15-526 - Letter of Intent Due Date (required): January 05, 2015; Full proposal deadline: March 16, 2015 - [http://www.nsf.gov/pubs/2015/nsf15526/nsf15526.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15526/nsf15526.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

### NEWS

**'Green Revolution' changes breathing of the biosphere** - Science Codex - November 19, 2014 - [http://www.sciencecodex.com/green\\_revolution\\_changes\\_breathing\\_of\\_the\\_biosphere-145973](http://www.sciencecodex.com/green_revolution_changes_breathing_of_the_biosphere-145973)

**Increasing greenhouse gases linked to rains over Africa thousands of years ago** - NSF Press Release 14-165 - December 4, 2014 - [http://www.nsf.gov/news/news\\_summ.jsp?cntn\\_id=133514&WT.mc\\_id=USNSF\\_51&WT.mc\\_ev=click](http://www.nsf.gov/news/news_summ.jsp?cntn_id=133514&WT.mc_id=USNSF_51&WT.mc_ev=click)

**Only 60 years of farming left if soil degradation continues** - Thomson Reuters Foundation - December 5, 2014 - <http://www.trust.org/item/20141205165214-tj9dz/?source=fiOtherNews3>

**Lima climate talks: EU and US at odds over legally binding emissions targets** - Guardian - December 2, 2014 - <http://www.theguardian.com/environment/2014/dec/02/lima-climate-talks-eu-and-us-at-odds-over-legally-binding-emissions-targets>

**This year may be hottest on record; adds urgency to climate talks-UN** - Reuters - December 3, 2014 - <http://www.reuters.com/article/2014/12/03/climatechange-lima-temperatures-update-idUSL2N0>

**Adapting to a warmer climate could cost almost three times as much as thought, says UN report** - Guardian - December 5, 2014 - <http://www.theguardian.com/environment/2014/dec/05/adapting-to-a-warmer-climate-could-cost-almost-three-times-as-much-as-thought-says-un-report>

**China says climate aid inadequate, especially Australia** - Reuters - December 4, 2014 - <http://www.reuters.com/article/2014/12/04/us-climatechange-lima-china-idUSKCN0JJ29A20141204>

**Better policy, finance needed to balance forests and farming - experts** - Thomson Reuters Foundation - December 7, 2014 - <http://www.trust.org/item/20141207134326-v1b7a/?source=fiOtherNews3>

**Climate adaptation costs soaring, funding to fall short - UN** - Thomson Reuters Foundation - December 5, 2014 - <http://www.trust.org/item/20141205190231-37s41/?source=fiOtherNews3>

**UN: climate change costs to poor underestimated** - Associated Press - December 5, 2014 - <http://bigstory.ap.org/article/49a444ed2b1646509f29a1f632d2e1c0/un-climate-change-costs-poor-underestimated>

**Rift widens among greens over burying carbon as climate fix** - Reuters - December 5, 2014 - <http://www.reuters.com/article/2014/12/05/us-climatechange-lima-greens-idUSKCN0JJ21R20141205>

**Australia named worst-performing industrial country on climate change** - Guardian - December 8, 2014 - <http://www.theguardian.com/environment/2014/dec/08/australia-named-worst-performing-industrial-country-on-climate-change>

**Green Climate Fund plans to turn on money tap in 2015 - director** - Thomson Reuters Foundation - December 4, 2014 - <http://www.trust.org/item/20141204232229-6wev7/?source=fiOtherNews3>

**Green groups urge climate fund to exclude fossils** - Associated Press - December 3, 2014 - <http://bigstory.ap.org/article/7eeaa0970a2b4adea736bc31ebcd99b0/green-groups-urge-climate-fund-exclude-fossilsTN16T20141203>

**Liquid Light finds use for polluting CO2 gas** - Guardian - December 8, 2014 - <http://www.theguardian.com/technology/2014/dec/08/liquid-light-co2-greenhouse-gas-plastics-pet>

**Not long to wait till released CO2 turns up temperature** - Climate News Network - December 7, 2014 - <http://www.climateactionnetwork.net/not-long-to-wait-till-released-co2-turns-up-temperature/>

**Warming reaches maximum 10 years after carbon dioxide emission** - Carnegie Institution for Science Press Release (via AAAS EurekAlert) - December 2, 2014 - [http://www.eurekalert.org/pub\\_releases/2014-12/ci-wrm120114.php](http://www.eurekalert.org/pub_releases/2014-12/ci-wrm120114.php)

**Study finds early warning signals of abrupt climate change** - University of Exeter Press Release (via AAAS EurekAlert) - December 8, 2014 - [http://www.eurekalert.org/pub\\_releases/2014-12/uoef-sfe120514.php](http://www.eurekalert.org/pub_releases/2014-12/uoef-sfe120514.php)

**Warmer seas could cause faster melting of Antarctic ice leading to rising sea levels, says study** - Guardian - December 5, 2014 - <http://www.theguardian.com/environment/2014/dec/05/warmer-seas-could-cause-faster-melting-polar-ice-rising-sea-levels>

**How Scientists Unraveled the El Nino Mystery** - Climate Central - December 7, 2014 - <http://www.climatecentral.org/news/how-scientists-unraveled-the-el-nino-mystery-18412>

**The End and Beginning of the Arctic** - Climate Central - December 6, 2014 - <http://www.climatecentral.org/news/the-end-and-beginning-of-the-arctic-18407>

**Warm Water Invasion Is Fueling Striking Antarctic Ice Melt** - Climate Central - December 4, 2014 - <http://www.climatecentral.org/news/warm-water-invasion-fueling-striking-antarctic-ice-melt-18401>

**Antarctica: Heat comes from the deep** - Helmholtz Centre for Ocean Research Kiel Press Release (via AAAS EurekAlert) - December 4, 2014 - [http://www.eurekalert.org/pub\\_releases/2014-12/hcfo-ahc120114.php](http://www.eurekalert.org/pub_releases/2014-12/hcfo-ahc120114.php)

**Warm water undermining Antarctica's ice shelves** - New Scientist - December 4, 2014 - <http://www.newscientist.com/article/dn26657-warm-water-undermining-antarcticas-ice-shelves.html#.VIY-4jiv1sQ>

**Hotter, weirder: How climate has changed Earth** - Associated Press - December 2, 2014 - <http://bigstory.ap.org/article/0ec806f3702b4b61b65f7d3de3867729/hotter-weirder-how-climate-has-changed-earth>

## FORUM

**Climate change's first victims are always those least to blame** - Guardian (Comment is free) - December 3, 2014 - By Lily Cole - <http://www.theguardian.com/commentisfree/2014/dec/03/climate-change-yanwana-amazon-floods-lily-cole>

**Don't drop the two-degree climate target** - New Scientist - December 8, 2014 - By Alice Bows-Larkin - <http://www.newscientist.com/article/mg22429982.100-dont-drop-the-twodegree-climate-target.html#.VIY-3Siv1sQ>

**Sticky issues re-emerge at UN climate talks** - Associated Press - December 7, 2014 - By Karl Ritter - <http://bigstory.ap.org/article/45d8c1889f0742cf97f5910c77015380/sticky-issues-re-emerge-un-climate-talks>

**Cutting carbon pollution is the key to curbing global warming** - Climate Consensus - the 97% blog (Guardian) - December 5, 2014 - By John Abraham - <http://www.theguardian.com/environment/climate-consensus-97-per-cent/2014/dec/05/cutting-carbon-pollution-key-to-curbing-global-warming>

## **JOBS**

*Looking for more job-hunting help? Please visit the News & Links page of the DISCCRS website (<http://disccrs.org/news>) for a list of climate change-related job listservs, or our Career Resources page (<http://disccrs.org/career>) for a great collection of resources for developing professional skills, locating funding opportunities, crafting grant proposals, and more.*

**Postdoc - Atmospheric Physics and Regional Climate Modeling** - Norwegian Polar Institute (Norway) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_Postdoc\\_NorwegianPolarInst.pdf](http://disccrs.org/newsletter/2014_12_09_Postdoc_NorwegianPolarInst.pdf)

**Postdoc - Climate Change Impacts** - LOCEAN and LSCE - Institut Pierre-Simon Laplace (France) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_Postdoc\\_IPSL.pdf](http://disccrs.org/newsletter/2014_12_09_Postdoc_IPSL.pdf)

**Postdoc - Future of Ice Initiative/polar regions** - College of the Environment, Applied Physics Laboratory and Quaternary Research Center - University of Washington (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_Postdoc\\_UWashington.pdf](http://disccrs.org/newsletter/2014_12_09_Postdoc_UWashington.pdf)

**Postdoc - Global Climate or Carbon-cycle Modeling** - Department of Global Ecology - Carnegie Institution for Science, Stanford (USA) - <https://jobs.carnegiescience.edu/jobs/postdoctoral-opportunity-global-climate-or-carbon-cycle-modeling/>

**Postdoc - Sea ice variability and predictability** - Cooperative Institute for Research in Environmental Sciences - University of Colorado Boulder (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_Postdoc\\_UColorado.pdf](http://disccrs.org/newsletter/2014_12_09_Postdoc_UColorado.pdf)

**Postdoc - Socio-Ecological Modeling of Resilient Landscapes** - Department of Ecology, Evolution and Natural Resources - Rutgers University (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_Postdoc\\_RutgersU.pdf](http://disccrs.org/newsletter/2014_12_09_Postdoc_RutgersU.pdf)

**Postdoc - Socio-Environmental Systems at Dartmouth** - Department of Geography - Dartmouth College (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_Postdoc\\_DartmouthU.pdf](http://disccrs.org/newsletter/2014_12_09_Postdoc_DartmouthU.pdf)

**Postdocs - Synthesis Fellowships** - NSF LTER program and National Socio-Environmental Synthesis Center (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_Postdocs\\_SESYNC-LTER.pdf](http://disccrs.org/newsletter/2014_12_09_Postdocs_SESYNC-LTER.pdf)

**Postdocs (2) - Causes and consequences of climate change, climate variability, and severe weather on socio-ecological systems** - Department of Anthropology - University of Oklahoma (USA) - <https://chroniclevitae.com/jobs/0000861119-01?cid=VTEVPMSJOB1>

**Asst Prof - Aquatic Ecology** - Department of Environmental Science and Policy - University of California, Davis (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_AsstProf\\_UCaliforniaDavis.pdf](http://disccrs.org/newsletter/2014_12_09_AsstProf_UCaliforniaDavis.pdf)

**Asst Prof - Behavioral/Decision Science** - Department of Engineering and Public Policy - Carnegie Mellon University (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_AsstProf\\_CarnegieMellonU.pdf](http://disccrs.org/newsletter/2014_12_09_AsstProf_CarnegieMellonU.pdf)

**Asst Prof - Natural hazards, drought, and climate risks** - Department of Geography - University of Nevada, Reno (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_AsstProf\\_UNevadaReno.pdf](http://disccrs.org/newsletter/2014_12_09_AsstProf_UNevadaReno.pdf)

**Asst Prof - Population/Statistical Ecology** - Department of Environmental Conservation - University of Massachusetts Amherst (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_AsstProf\\_UMassachusettsAmherst.pdf](http://disccrs.org/newsletter/2014_12_09_AsstProf_UMassachusettsAmherst.pdf)

**Asst Prof - Solid Earth Geosciences** - Department of Geosciences - Pennsylvania State University (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_AsstProf\\_PennStateU.pdf](http://disccrs.org/newsletter/2014_12_09_AsstProf_PennStateU.pdf)

**Asst Prof - Wildlife Ecology & Conservation** - Department of Wildlife Ecology and Conservation - University of Florida (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_AsstProf\\_UFlorida.pdf](http://disccrs.org/newsletter/2014_12_09_AsstProf_UFlorida.pdf)

**Asst/Assoc Profs (2) - Evolutionary Ecology and Ecosystem Modeling** - Center for Environmental Science - University of Maryland (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_AsstProfs\\_UMaryland.pdf](http://disccrs.org/newsletter/2014_12_09_AsstProfs_UMaryland.pdf)

**Tenure-Track Faculty (Open Rank) - Wildland Watershed Hydrology** - Department of Environmental Science, Policy, and Management - University of California, Berkeley (USA) - [http://disccrs.org/newsletter/2014\\_12\\_09\\_OpenRank\\_UCBerkeley.pdf](http://disccrs.org/newsletter/2014_12_09_OpenRank_UCBerkeley.pdf)

\*\*\*\*\*

**DISCCRS NEWS Editor:** C. Susan Weiler, Whitman College  
**Contributing News Editor and Production:** Nancy Rose, Whitman College

**Submissions:** Please submit job and other announcements of interest to recent Ph.D.s to [info@disccrs.org](mailto:info@disccrs.org). Send a short message in the body of an e-mail message and link to any appropriate websites.

**To register a recent PhD dissertation and subscribe to DISCCRS News:** <http://disccrs.org/register>

**To subscribe to DISCCRS News without registering PhD dissertation:** <http://disccrs.org/subscribe>

**Moving?**

Send address changes to [info@disccrs.org](mailto:info@disccrs.org)

DISCCRS is supported by the U.S. National Science Foundation Collaborative Grant SES 0932916 and NASA Grant NNX10AJ53G to Whitman College.

*The purpose of DISCCRS News is to distribute information of potential interest to U.S. recent PhDs engaged in interdisciplinary climate-change research and is generally sent weekly on Tuesdays. It also provides an international forum for the exchange of information and opinions regarding research, professional and social issues to foster a global sense of community among recent grads. The views and opinions expressed do not necessarily reflect those of the funding agencies or sponsoring societies. The editors reserve the right to edit or reject material submitted to the list.*