

**From:** Nancy Rose  
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## DISCCRS News

December 2, 2014

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### RESOURCES

**Carbon emissions: past, present and future – interactive** - World Resources Institute (via Guardian) - December 1, 2014 - <http://www.theguardian.com/environment/ng-interactive/2014/dec/01/carbon-emissions-past-present-and-future-interactive>

### FUNDING

**NSF MRI Frequently Asked Questions** - NSF 15-012 - [http://www.nsf.gov/pubs/2015/nsf15012/nsf15012.jsp?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15012/nsf15012.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click)

**NSF Law & Social Sciences (LSS)** - Program solicitation: NSF 15-514 - Full proposal deadline: February 04, 2015 - [http://www.nsf.gov/pubs/2015/nsf15514/nsf15514.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15514/nsf15514.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

**NSF Ocean Sciences Postdoctoral Research Fellowships (OCE-PRF)** - Program solicitation: NSF 14-607 - Full proposal deadline: December 8, 2014 - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503668&WT.mc\\_id=USNSF\\_39&WT.mc\\_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503668&WT.mc_id=USNSF_39&WT.mc_ev=click)

**NSF Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)** - Program solicitation: NSF 15-523 - Full proposal deadline: February 23, 2015 - [http://www.nsf.gov/pubs/2015/nsf15523/nsf15523.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15523/nsf15523.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

**Call for PEER Research Pre-Proposals 2014/2015** - NSF Pre-proposal deadline: January 9, 2015 - [http://disccrs.org/newsletter/2014\\_2015\\_NSF\\_PEERS\\_Proposals.pdf](http://disccrs.org/newsletter/2014_2015_NSF_PEERS_Proposals.pdf)

**Dear Colleague Letter: Removal of deadlines for program solicitations within the Surface Earth Processes Section of the Division** - NSF 15-020 - Deadline removal - April 16, 2015 - [http://www.nsf.gov/pubs/2015/nsf15020/nsf15020.jsp?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15020/nsf15020.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click)

### NEWS

**U.S., British data show 2014 could be hottest year on record** - Reuters - November 27, 2014 - <http://www.reuters.com/article/2014/11/27/us-climatechange-heat-idUSKCN0JB1EM20141127>

**Unmanned underwater vehicle provides first 3-D images of underside of Antarctic sea ice** - NSF Press Release 14-158 - November 24, 2014 - [http://www.nsf.gov/news/news\\_summ.jsp?cntn\\_id=133444&WT.mc\\_id=USNSF\\_51&WT.mc\\_ev=click](http://www.nsf.gov/news/news_summ.jsp?cntn_id=133444&WT.mc_id=USNSF_51&WT.mc_ev=click)

**Climate change adaptation comes of age in UN talks** - Thomson Reuters Foundation - December 1, 2014 - <http://www.trust.org/item/20141130235939-temvr/?source=fiOtherNews2>

**UN climate talks open with hopes for deal, warning time short** - Reuters - December 1, 2014 - <http://www.reuters.com/article/2014/12/01/us-climatechange-lima-idUSKCN0JF37320141201>

**Climate change impacts heat up UN talks in Lima** - Associated Press - December 1, 2014 - <http://bigstory.ap.org/article/6f53a4cb473649dcadd34a53d932df23/clock-ticking-un-climate-talks-resume-lima>

**US and China's emission cuts may not be enough** - New Scientist - November 19, 2014 - <http://www.newscientist.com/article/mg22429965.000-us-and-chinas-emission-cuts-may-not-be-enough.html#.VH0Eayiv1sQ>

**US and China Pledge New Goals On Climate Change (+Audio)** - Think Out Loud - Oregon Public Broadcasting - November 12, 2014 - Guest Ron Mitchell - <http://www.opb.org/radio/programs/thinkoutloud/segment/us-and-china-pledge-new-goals-on-climate-change/>

**Politics, not severe weather, drive global-warming views** - Michigan State University Press Release - December 1, 2014 - <http://msutoday.msu.edu/news/2014/politics-not-severe-weather-drive-global-warming-views/>

**Geoengineering the planet: first experiments take shape** - New Scientist - November 27, 2014 - <http://www.newscientist.com/article/mg22429974.000-geoengineering-the-planet-first-experiments-take-shape.html#.VH0EWSiv1sQ>

Related: **Resorting to geoengineering to tackle climate change would be an admission of failure, UK scientists say.** - Climate News Network - November 29, 2014 - <http://www.climate-news-network.net/geoengineering-could-worsen-climate-change/>

**Warming world spells trouble for growing and ageing populations** - Climate News Network - November 28, 2014 - <http://www.climate-news-network.net/12084/>

**Most of Earth's carbon may be hidden in the planet's inner core, new model suggests** - University of Michigan Press Release (via AAAS EurekAlert)- December 1, 2014 - [http://www.eurekalert.org/pub\\_releases/2014-12/uom-moe120114.php](http://www.eurekalert.org/pub_releases/2014-12/uom-moe120114.php)

**Weather satellite data hack and outage: Why this matters for forecasting** - Washington Post - November 12, 2014 - <http://www.washingtonpost.com/blogs/capital-weather-gang/wp/2014/11/12/weather-satellite-data-hack-and-outage-why-this-matters-for-forecasting/>

**Robot subs find Antarctic sea ice thicker than expected** - New Scientist - November 24, 2014 - <http://www.newscientist.com/article/dn26606-robot-subs-find-antarctic-sea-ice-thicker-than-expected.html#.VH0EYSiv1sQ>

**Researchers crack the ice to study the Arctic marine food web** - NSF Science Nation - November 17, 2014 - [http://www.nsf.gov/news/special\\_reports/science\\_nation/seaicealgae.jsp?WT.mc\\_id=USNSF\\_51](http://www.nsf.gov/news/special_reports/science_nation/seaicealgae.jsp?WT.mc_id=USNSF_51)

**The emergence of modern sea ice cover in the Arctic Ocean, 2.6 million years ago** - Centre for Arctic Gas Hydrate, Environment and Climate Press Release - November 28, 2014 - <https://cage.uit.no/news/emergence-modern-sea-ice-arctic-ocean-26-million-years-ago/>

**Loss of Arctic sea ice to doom polar bears by 2075** - New Scientist - November 26, 2014 - <http://www.newscientist.com/article/dn26620-loss-of-arctic-sea-ice-to-doom-polar-bears-by-2075.html#.VH0EXSiv1sQ>

## FORUM

**The Chinese scientific revolution aims to tackle climate change** - Climate Consensus - the 97% blog (Guardian) - November 28, 2014 - By John Abraham - <http://www.theguardian.com/environment/climate-consensus-97-per-cent/2014/nov/28/chinese-scientific-revolution-tackle-climate-change>

**China, America and Our Warming Planet** - New York Times - November 11, 2014 - By John Kerry - [http://www.nytimes.com/2014/11/12/opinion/john-kerry-our-historic-agreement-with-china-on-climate-change.html?\\_r=0](http://www.nytimes.com/2014/11/12/opinion/john-kerry-our-historic-agreement-with-china-on-climate-change.html?_r=0)

**Behind the Numbers: China-U.S. Climate Announcement's Implications for China's Development Pathway** - World Bank Blog - November 25, 2014 - By Xueman Wang - <http://blogs.worldbank.org/climatechange/behind-numbers-china-us-climate-announcements-implications-china-s-development-pathway>

**Brazil's epic water crisis a global wake-up call** - Thomson Reuters Foundation - November 24, 2014 - By Kevin Allison and Antony Currie - [http://www.trust.org/item/20141124162353-nw9xm/?utm\\_medium=email&utm\\_campaign=AlertNet%20Expresso%20Nov%2025%202014&utm\\_content=](http://www.trust.org/item/20141124162353-nw9xm/?utm_medium=email&utm_campaign=AlertNet%20Expresso%20Nov%2025%202014&utm_content=)

**Extreme El Nino weather stunted growth of Peruvian children** - Thomson Reuters Foundation - November 25, 2014 - [http://www.trust.org/item/20141125005848-67bs9/?utm\\_medium=email&utm\\_campaign=AlertNet%20Expresso%20Nov%2025%202014&utm\\_content=](http://www.trust.org/item/20141125005848-67bs9/?utm_medium=email&utm_campaign=AlertNet%20Expresso%20Nov%2025%202014&utm_content=)

**Atmospheric Trust Litigation -- Can We Sue Ourselves Over Climate Change?** - Forbes - November 23, 2014 - By James Conca - <http://www.forbes.com/sites/jamesconca/2014/11/23/atmospheric-trust-litigation-can-we-sue-ourselves-over-climate-change/>

## 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 Sciences** - Advanced Study Program - National Center for Atmospheric Research (USA) - [http://www.asp.ucar.edu/pdf/pd\\_announcement.php](http://www.asp.ucar.edu/pdf/pd_announcement.php)

**Postdoc - Remote Sensing of Coastal Environments** - Department of Earth and Atmospheric Sciences - City College - City University of New York (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_Postdoc\\_CityCollege\\_CUNY.pdf](http://discrs.org/newsletter/2014_12_02_Postdoc_CityCollege_CUNY.pdf)

**Postdocs - Visiting Fellows (Earth system science)** - Cooperative Institute for Research in Environmental Sciences - University of Colorado Boulder (USA) - <http://cires.colorado.edu/collaboration/fellowships/apply/>

**Assistant Professor - Quantitative Wildlife Ecology** - Department of Wildlife, Fish, and Conservation Biology - University of California, Davis (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_AsstProf2\\_UCDavis.pdf](http://discrs.org/newsletter/2014_12_02_AsstProf2_UCDavis.pdf)

**Asst Prof - Climate Change Policy** - Department of Environmental Science & Policy - University of California, Davis (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_AsstProf\\_UCDavis.pdf](http://discrs.org/newsletter/2014_12_02_AsstProf_UCDavis.pdf)

**Asst Prof - Climate/Oceanography** - Department of Earth, Atmospheric and Planetary Sciences - Massachusetts Institute of Technology (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_AsstProf\\_MIT.pdf](http://discrs.org/newsletter/2014_12_02_AsstProf_MIT.pdf)

**Asst Prof - Environmental Science/Atmospheric Physics or Chemistry** - Interdisciplinary Environmental Program - Colorado College (USA) - <https://employment.coloradocollege.edu/postings/1815>

**Asst Prof - Freshwater Ecosystem Ecology** - Department of Ecosystem and Conservation Sciences - University of Montana (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_AsstProf\\_UMontana.pdf](http://discrs.org/newsletter/2014_12_02_AsstProf_UMontana.pdf)

**Asst Prof - Human Geography** - Department of Geography - University of British Columbia (Canada) - [http://discrs.org/newsletter/2014\\_12\\_02\\_AsstProf\\_UBC.pdf](http://discrs.org/newsletter/2014_12_02_AsstProf_UBC.pdf)

**Asst Profs (2) - Oceanography/Aquatic and Fishery Sciences** - College of the Environment - University of Washington (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_AsstProfs\\_UWashington.pdf](http://discrs.org/newsletter/2014_12_02_AsstProfs_UWashington.pdf)

**Asst/Assoc Prof - Physical Geographer** - University of Wisconsin-Milwaukee (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_AsstProf\\_UWisconsin-Milwaukee.pdf](http://discrs.org/newsletter/2014_12_02_AsstProf_UWisconsin-Milwaukee.pdf)

**Lecturer - Earth Sciences** - Department of Earth Sciences - University of Cambridge (UK) - <http://www.jobs.cam.ac.uk/job/5480/>

**Tenure-Track Open Rank Faculty (3) - Civil and Environmental Engineering** - Voiland College of Engineering and Architecture - Washington State University (USA) - [http://discrs.org/newsletter/2014\\_12\\_02\\_Tenure-Track\\_WashingtonStateU.pdf](http://discrs.org/newsletter/2014_12_02_Tenure-Track_WashingtonStateU.pdf)

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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.