

**Subject: DISCCRS News - May 13, 2014**

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## DISCCRS News

May 13, 2014

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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

**Understanding the Jetstream (Video)** - Jennifer Francis - 24th Glen Gerberg Weather and Climate Summit - January 2013 -

<http://www.youtube.com/watch?v=nzwJg4Ebzo>

*A short review of how the jet stream and Rossby waves work, and some emerging indications that the dynamics may be changing in a warming world. This is a 5-minute excerpt from a longer presentation.*

Full presentation: **Wacky Weather and Disappearing Arctic Sea Ice: Are They Connected?** - <http://www.youtube.com/watch?v=ETpm9JAdfcs>

**North Atlantic-Arctic System Science (Website)** - Woods Hole Oceanographic Institution - May 2014 - [http://www.whoi.edu/website/NAtl\\_Arctic/](http://www.whoi.edu/website/NAtl_Arctic/)

*Includes information about a recent international planning workshop hosted by the Ocean Carbon & Biogeochemistry Program that focused on developing a science plan to inform a large international research program on North Atlantic-Arctic science.*

### FUNDING

**USDA Integrated Research, Education, and Extension Competitive Grants Program: National Integrated Water Quality Program** - National

Institute of Food and Agriculture - U.S. Department of Agriculture - Application deadline: July 3, 2014 -

[http://nifa.usda.gov/funding/rfas/water\\_quality.html](http://nifa.usda.gov/funding/rfas/water_quality.html)

**ESA Living Planet Fellowship: Climate Change Initiative** - European Space Agency - Call for research proposals - Deadline: June 30, 2014 -

<http://livingplanetfellowship.esa.int/>

**Fulbright: Arctic and Polar Science** - Fulbright U.S. Scholar Grants - 2015-2016 academic year - Application deadline: August 1, 2014

Iceland - <http://catalog.cies.org/viewAward.aspx?n=5254&dc=IC>

Norway - <http://catalog.cies.org/viewAward.aspx?n=5310&dc=NO>

Sweden - <http://catalog.cies.org/viewAward.aspx?n=5350&dc=SW>

**Endeavour Scholarships and Fellowships** - Australian Government - Support for non-Australians to undertake study, research, or professional

development in Australia - <http://orau.org/endeavourscholarships/>

### NEWS

**Western Antarctic ice sheet collapse has already begun, scientists warn** - Guardian - May 12, 2014 -

<http://www.theguardian.com/environment/2014/may/12/western-antarctic-ice-sheet-collapse-has-already-begun-scientists-warn>

Related: **New study indicates loss of West Antarctic glaciers appears unstoppable** - American Geophysical Union and NASA Jet Propulsion Laboratory Joint Press Release - May 12, 2014 - <http://news.agu.org/press-release/new-study-indicates-loss-of-west-antarctic-glaciers-appears-unstoppable/>

**Ocean winds keep Antarctica cold, Australia dry: Why Antarctica isn't warming as much as other continents** - Australian National University

Press Release - May 11, 2014 - [http://www.eurekalert.org/pub\\_releases/2014-05/anu-owk050914.php](http://www.eurekalert.org/pub_releases/2014-05/anu-owk050914.php)

**Greenland melting due equally to global warming, natural variations** - University of Washington Press Release - May 7, 2014 -

<http://www.washington.edu/news/2014/05/07/greenland-melting-due-equally-to-global-warming-natural-variations/>

About the 3rd U.S. National Climate Assessment:

**U.S. Climate Has Already Changed, Study Finds, Citing Heat and Floods** - New York Times - May 6, 2014 -

<http://www.nytimes.com/2014/05/07/science/earth/climate-change-report.html>

**Climate Change in the U.S. in 8 Compelling Charts** - Climate Central - May 6, 2014 - <http://www.climatecentral.org/news/climate-change-in-8-compelling-charts-17406>

**Using Weathercasters to Deliver a Climate Change Message** - New York Times - May 6, 2014 - <http://www.nytimes.com/2014/05/07/us/politics/using-weathercasters-to-deliver-a-climate-change-message.html>

**Can We Talk About the New NCA Website?** - Climate Central - May 8, 2014 - <http://www.climatecentral.org/news/can-we-talk-about-the-new-nca-website-17412>

**Swelling CO2 Cuts Nutrition in Food** - ClimateWire (via Scientific American) - May 8, 2014 - <http://www.scientificamerican.com/article/swelling-co2-cuts-nutrition-in-food/>

**Miami Finds Itself Ankle-Deep in Climate Change Debate** - New York Times - May 7, 2014 - <http://www.nytimes.com/2014/05/08/us/florida-finds-itself-in-the-eye-of-the-storm-on-climate-change.html>

**3 African Regions at High Risk from Climate Change** - Climate News Network (via Climate Central) - May 11, 2014 - <http://www.climatecentral.org/news/climate-hotspots-imperil-parts-of-africa-17417>

**Lloyd's calls on insurers to take into account climate-change risk** - Guardian - May 7, 2014 - <http://www.theguardian.com/business/2014/may/08/lloyds-insurer-account-climate-change-extreme-weather-losses>

**\$1 trillion oil projects 'will not see return' if governments act on climate - report** - Guardian - May 8, 2014 - <http://www.theguardian.com/environment/2014/may/08/oil-capital-climate-change>

**China's Coal Dependency Threatens Efforts to Curb Warming** - New York Times - May 12, 2014 - <http://sinosphere.blogs.nytimes.com/2014/05/12/chinas-coal-dependency-threatens-efforts-to-curb-warming/>

**World's Largest Solar Array Set to Crank Out 290 Megawatts of Sunshine Power** - Scientific American - May 9, 2014 - <http://www.scientificamerican.com/article/world-s-largest-solar-array-set-to-crank-out-290-megawatts-of-sunshine-power/>

**Solar industry leads 14% rise in renewables jobs, global data shows** - Guardian - May 12, 2014 - <http://www.theguardian.com/environment/2014/may/12/solar-industry-renewables-jobs-china-us>

**Stanford University ending investments in coal companies** - Reuters - May 7, 2014 - <http://www.reuters.com/article/2014/05/07/us-carbonstanford-divestment-idUSBREA460L620140507>

**On Climate, Republicans and Democrats Are from Different Continents** - New York Times - May 7, 2014 - <http://www.nytimes.com/2014/05/08/upshot/on-climate-republicans-and-democrats-are-from-different-continents.html>

## FORUM

**Climate Debate Isn't So Heated in the U.S.** - New York Times - May 8, 2014 - <http://www.nytimes.com/roomfordebate/2014/05/08/climate-debate-isnt-so-heated-in-the-us>

*A collection of seven op-eds, from the New York Times "Room for Debate" series.*

**Call for submissions: Special issue on Climate Justice** - International Journal of Climate Change Strategies and Management - Deadline for abstract submission: June 30, 2014 - [http://discrs.org/newsletter/2014\\_05\\_13\\_IJCCSM\\_SpecialIssue.pdf](http://discrs.org/newsletter/2014_05_13_IJCCSM_SpecialIssue.pdf)

**IPCC, Ethics, and Climate Change: Will IPCC's Latest Report Transform How National Climate Change Policies Are Justified?** - Ethics and Climate blog (Widener University School of Law) - May 1, 2014 - <http://blogs.law.widener.edu/climate/category/ethical-issues-in-ipcc-reports/>  
*By Donald A. Brown.*

**The top ten global warming 'skeptical' arguments answered** - Climate Consensus - the 97% blog (Guardian) - May 6, 2014 - <http://www.theguardian.com/environment/climate-consensus-97-per-cent/2014/may/06/top-ten-global-warming-skeptical-arguments-debunked>  
*By Dana Nuccitelli.*

**Climate change affects us all. So what's stopping us joining forces to act on it?** - Guardian - May 6, 2014 - <http://www.theguardian.com/commentisfree/2014/may/06/climate-change-affects-all-solutions-new-york-summit>  
*By Ban Ki-moon, Secretary-General of the United Nations.*

**Crazy Climate Economics** - New York Times - May 11, 2014 - <http://www.nytimes.com/2014/05/12/opinion/krugman-crazy-climate-economics.html>  
*By Paul Krugman.*

**New Zealand refuses climate change refugees - mass action is now needed** - Guardian - May 11, 2014 - <http://www.theguardian.com/commentisfree/2014/may/12/new-zealand-refuses-climate-change-refugees-mass-action-is-now-needed>  
*By Morgan Godfery.*

**Climate change and poverty: why Indira Gandhi's speech matters** - Guardian Professional - May 6 2014 - <http://www.theguardian.com/global-development-professionals-network/2014/may/06/indira-gandhi-india-climate-change>  
By Karl Mathiesen.

**The Thinking Behind 'Keystone and Beyond': Author's Note** - InsideClimate News - May 8, 2014 - <http://insideclimatenews.org/news/20140508/thinking-behind-keystone-and-beyond-authors-note>  
By John H. Cushman, Jr.

About: **Keystone and Beyond: Tar Sands and the National Interest in the Era of Climate Change (Ebook)** - InsideClimate News - May 8, 2014 - <http://insideclimatenews.org/content/keystone-beyond>

## MEETINGS AND SHORT COURSES

**Sustainable Climate Risk Management: Second Annual SCRiM Summer School** - August 11-15, 2014 - Penn State University (USA) - Network for Sustainable Climate Risk Management (SCRiM) - For postdocs and advanced graduate students - [http://scrimhub.org/SCRiM\\_Summer\\_School\\_2014\\_announcement.pdf](http://scrimhub.org/SCRiM_Summer_School_2014_announcement.pdf)

## JOBS

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

**Postdoc - Asian Environmental Studies** - Environmental Studies Program - Hobart and William Smith Colleges (USA) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_HobartandWilliamSmithColleges.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_HobartandWilliamSmithColleges.pdf)

**Postdoc - Atmospheric dynamics** - Department of Physics - University of Oxford (UK) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_UOxford.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_UOxford.pdf)

**Postdoc - Cosmogenic Isotope-Paleoclimatology** - Lamont-Doherty Earth Observatory - Columbia University (USA) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_ColumbiaU.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_ColumbiaU.pdf)

**Postdoc - Dryland ecohydrology & vegetation dynamics** - U.S. Geological Survey and University of Wyoming (USA) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_USGS\\_UWyoming.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_USGS_UWyoming.pdf)

**Postdoc - Economics of adaptation to climate change** - Grantham Research Institute on Climate Change and the Environment - London School of Economics and Political Science (UK) - <http://www.lse.ac.uk/GranthamInstitute/WorkAndStudy/Vacancies/Postdoctoral-Research-Assistant-%28Economist%29.aspx>

**Postdoc - Greenhouse gas emissions and dispersion modeling** - Greenhouse Gas and Climate Science Measurements Program - National Institute of Standards and Technology (USA) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_NIST.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_NIST.pdf)

**Postdoc - Limnology** - Smarter Energy and Environmental Sciences Department - IBM Thomas J. Watson Research Center (USA) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_IBM.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_IBM.pdf)

**Postdoc - Sustainable woody bioenergy systems** - Energy Biosciences Institute - University of California, Berkeley (USA) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_UCBerkeley.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_UCBerkeley.pdf)

**Postdoc - High resolution coupled ocean-atmosphere modeling** - NOAA Geophysical Fluid Dynamics Laboratory and University of Michigan (USA) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdoc\\_UMichigan.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdoc_UMichigan.pdf)

**Postdoc- Rapid measurements of isotope fractionation during plant metabolic processes as response to environmental changes** - Lab for Atmospheric Chemistry - Paul Scherrer Institute (Switzerland) - <http://www.psi.ch/pa/offenstellen/0782-1>

**Postdocs - Marine Biology** - Deakin University (Australia) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdocs\\_DeakinU.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdocs_DeakinU.pdf)

**Postdocs - Impact of human-induced change and climate change on aquatic plant systems** - Aquatic Processes Group - Plant Functional Biology and Climate Change Cluster (C3) - University of Technology, Sydney (Australia) - [http://discrcrs.org/newsletter/2014\\_05\\_13\\_Postdocs\\_UTechnologySydney.pdf](http://discrcrs.org/newsletter/2014_05_13_Postdocs_UTechnologySydney.pdf)

**Asst Prof/Coordinator - Center for Environmental Studies** - Department of Chemistry, Geosciences and Physics - Tarleton State University (USA) - <https://jobs.tarleton.edu/postings/1803>

**Director - Institute for Energy Studies** - Western Washington University (USA) - <https://jobs.wvu.edu/JobPosting.aspx?JPID=5317>

**Lecturer - Conservation Biology** - Department of Biological Sciences - Macquarie University (Australia) - [http://disccrs.org/newsletter/2014\\_05\\_13\\_Lecturer\\_MacquarieU.pdf](http://disccrs.org/newsletter/2014_05_13_Lecturer_MacquarieU.pdf)

**Research Officer - Economics (Cities and Climate Change)** - Grantham Research Institute on Climate Change and the Environment - London School of Economics and Political Science (UK) - <http://www.lse.ac.uk/GranthamInstitute/WorkAndStudy/Vacancies/research-officer-economist-cities-and-climate-change.aspx>

**Scientific Officer - International Scientific Committee** - International Conference on Climate Change - Institute for Sustainable Development and International Relations (France) - [http://disccrs.org/newsletter/2014\\_05\\_13\\_SciOfficer\\_IDDRI.pdf](http://disccrs.org/newsletter/2014_05_13_SciOfficer_IDDRI.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.