

Subject: DISCCRS News - April 22, 2014

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DISCCRS News

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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.

NEWS

Early Career Scientists and Engineers receive highest honor from the White House - NSF Press Release 14-055 - April 16, 2014 - http://www.nsf.gov/news/news_summ.jsp?cntn_id=131104&WT.mc_id=USNSF_51&WT.mc_ev=click

Unemployment among Doctoral Scientists and Engineers Increased but Remained Below the National Average - NSF 14-310 - April 2014 - <http://www.nsf.gov/statistics/infbrief/nsf14310/>

Hot West, Cold East May be the Norm as World Warms - Climate Central - April 21, 2014 - <http://www.climatecentral.org/news/hot-west-cold-east-may-be-norm-as-world-warms-17319>

Researchers Find 3-million-year-old Landscape Beneath Greenland Ice Sheet - NASA - April 18, 2014 - <http://www.nasa.gov/content/goddard/researchers-find-3-million-year-old-landscape-beneath-greenland-ice-sheet/#.U1VVzPldVyJ>

Deforestation, drought push Amazon toward destruction by fire - Daily Climate - April 15, 2014 - <http://www.dailyclimate.org/tdc-newsroom/2014/04/amazon-deforestation-fires>

"[R]esearchers fear the Amazon could flip, becoming a net carbon emitter instead of a carbon sink."

Climate costs 'may prove much higher' - report - Daily Climate - April 16, 2014 - <http://www.dailyclimate.org/tdc-newsroom/2014/04/social-carbon-cost-climate>

Meet the women trading Sudan's first carbon credits - Guardian Professional - April 17, 2014 - <http://www.theguardian.com/global-development-professionals-network/2014/apr/17/women-darfur-sudan-carbon-credits>

US puts off decision on Keystone XL pipeline - Associated Press - April 18, 2014 - <http://bigstory.ap.org/article/us-delays-review-keystone-xl-pipeline>

Related commentary:

Keystone XL cops - incompetent at all levels - Climate Consensus - the 97% blog (Guardian) - April 16, 2014 - <http://www.theguardian.com/environment/climate-consensus-97-per-cent/2014/apr/16/keystone-xl-cops-incompetent>

John Abraham comments on the U.S. Department of State's Final Supplemental Environmental Impact Statement for the Keystone XL pipeline.

Big Leaks Found in Pennsylvania Fracking Wells - ClimateWire (via Scientific American) - April 15, 2014 - <http://www.scientificamerican.com/article/big-leaks-found-in-pennsylvania-fracking-wells/>

U.S. GHG Emissions at Lowest Level in 20 Years - Climate Central - April 16, 2014 - <http://www.climatecentral.org/news/u.s.-greenhouse-gas-emissions-decline-in-2012-17313>

U.S. Energy Dept plans \$4 billion in loan aid for renewable energy - Reuters - April 16, 2014 - <http://www.reuters.com/article/2014/04/16/us-usa-loans-renewables-idUSBREA3F0WK20140416>

Corn biofuels worse than gasoline on global warming in short term - study - Associated Press (via Guardian) - April 20, 2014 - <http://www.theguardian.com/environment/2014/apr/20/corn-biofuels-gasoline-global-warming>

U.S. wind industry slammed by tax uncertainty, fracking - USA Today - April 10, 2014 -

<http://www.usatoday.com/story/news/nation/2014/04/10/wind-solar-grow-but-investments-fall/7511733/>

Plants the key to removing 63m tonnes of carbon dioxide a year - Guardian - April 16, 2014 - <http://www.theguardian.com/world/2014/apr/16/plants-the-key-to-removing-63m-tonnes-of-carbon-dioxide-a-year>
About biomass carbon capture and storage (bio-CCS).

Poll: Big Bang a big question for most Americans - Associated Press - April 21, 2014 - <http://bigstory.ap.org/article/poll-big-bang-big-question-most-americans>
"About 4 in 10 say they are not too confident or outright disbelieve that the earth is warming, mostly a result of man-made heat-trapping gases."

FORUM

America's Top Young Scientists Warn of Systemic Brain Drain: Colleagues 'Sort of Disappear' - Huffington Post - April 16, 2014 - http://www.huffingtonpost.com/2014/04/16/science-brain-drain_n_5161295.html
By Sam Stein.

It's the End of the World as We Know It... and He Feels Fine - New York Times Magazine - April 17, 2014 - <http://www.nytimes.com/2014/04/20/magazine/its-the-end-of-the-world-as-we-know-it-and-he-feels-fine.html>
Daniel Smith writes about Paul Kingsnorth and the Dark Mountain Project.

What climate change has done to Walden's woods - New Scientist - April 15, 2014 - http://www.newscientist.com/article/mg22229640.900-what-climate-change-has-done-to-waldens-woods.html#.U1Vmq_lDVyI
By Alun Anderson.

About: **Walden Warming: Climate change comes to Thoreau's woods** - by Richard Primack - University of Chicago Press - April 2014 - <http://press.uchicago.edu/ucp/books/book/chicago/W/bo8829988.html>

Do China's Dam Plans Hold Water for Low Carbon Development? - Wilson Center - http://www.wilsoncenter.org/wilsonweekly/cef/china_hydropower/index.html
Interactive map and commentary by James Conkling, David Tyler Gibson, and Luan Dong.

Climate Cooperation with Technology Investments and Border Carbon Adjustment - Harvard Project on Climate Agreements - Discussion Paper 2014-65 - April 2014 - http://belfercenter.ksg.harvard.edu/publication/24085/climate_cooperation_with_technology_investments_and_border_carbon_adjustment.html
By Carsten Helm and Robert C. Schmidt.

On Fracking Front, a Push to Reduce Leaks of Methane - Yale Environment 360 - April 7, 2014 - http://e360.yale.edu/feature/on_fracking_front_a_push_to_reduce_leaks_of_methane/2754/
By Roger Real Drouin.

A Green Group Sees Hope in 'The End of China's Coal Boom' - Dot Earth blog (New York Times) - April 15, 2014 - <http://dotearth.blogs.nytimes.com/2014/04/15/a-green-group-sees-hope-in-the-end-of-chinas-coal-boom/>
By Andrew Revkin.

Crowdsourcing climate change, one contest at a time - Guardian Professional - April 15, 2014 - <http://www.theguardian.com/sustainable-business/technology-innovation-climate-contests-xprize>
By Sarah Shemkus.

How open data is being used to hack climate change - Guardian Professional - April 14, 2014 - <http://www.theguardian.com/media-network/media-network-blog/2014/apr/14/climate-change-flooding-open-data>
By Jack Millner.

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 - Columbia University Earth Institute and NASA Goddard Institute for Space Studies (USA) - http://disccrs.org/newsletter/2014_04_22_Postdoc1_ColumbiaU.pdf

Postdoc - Atmospheric Scientist - Solar Resources & Forecasting Group - National Renewable Energy Laboratory - U.S. Department of Energy

(USA) - http://discrs.org/newsletter/2014_04_22_Postdoc_NREL.pdf

Postdoc - Climate Change and Species Interactions - Department of Forestry - Michigan State University (USA) - http://discrs.org/newsletter/2014_04_22_Postdoc_MichiganStateU.pdf

Postdoc - Conservation Biology and Community Ecology of Tibetan Carnivores - School of Life Sciences - Peking University (China) - http://discrs.org/newsletter/2014_04_22_Postdoc_PekingU.pdf

Postdoc - Ecology - Climate Science Program - Department of Ecology, Evolution, and Organismal Biology - Iowa State University (USA) - http://discrs.org/newsletter/2014_04_22_Postdoc_IowaStateU.pdf

Postdoc - Hydrogeology - Lawrence Berkeley National Laboratory (USA) - https://lbl.taleo.net/careersection/2/jobdetail.ftl?job=78350&lang=en&sns_id=

Postdoc - Interdisciplinary Earth Science - International Research Institute for Climate and Society - Columbia University (USA) - http://discrs.org/newsletter/2014_04_22_Postdoc2_ColumbiaU.pdf

Postdoc - Native Bee and Honey Bee Disease Ecology - Department of Entomology and Department of Biological Science - North Carolina State University (USA) - http://discrs.org/newsletter/2014_04_22_Postdoc_NorthCarolinaStateU.pdf

Postdoc - Ocean Modeling - Euro-Mediterranean Center on Climate Change (Italy) - <http://www.cmcc.it/jobs/2389-public-invitation-to-express-interest-for-post-doc>

Postdoc - Paleo-constraints on future sea-level rise - Department of Earth & Planetary Sciences - Rutgers University (USA) - http://discrs.org/newsletter/2014_04_22_Postdoc_RutgersU.pdf

Postdoc - Social Science of Climate Change Adaptation and Mitigation Behavior - Department of Psychology - University of North Florida (USA) - http://discrs.org/newsletter/2014_04_22_Postdoc_UNorthFlorida.pdf

Postdocs (2) - Climate Change Projections and Scenarios - African Climate and Development Initiative - University of Cape Town (South Africa) - <http://acdi.uct.ac.za/news/vacancy-two-fellowships-climate-change-projections-and-scenarios>

Asst Prof - Physical Geography & Climatology - Department of Geography - Nipissing University (Canada) - http://discrs.org/newsletter/2014_04_22_AsstProf_NipissingU.pdf

Asst Prof - Tropical Forest Ecology and Natural Resources Management - Department of Crops and Agro-Environmental Sciences - University of Puerto Rico at Mayagüez (USA) - http://discrs.org/newsletter/2014_04_22_AsstProf_UPuertoRicoMayaguez.pdf

Asst Prof - Ecohydrology - Department of Biological & Ecological Engineering - Oregon State University (USA) - http://discrs.org/newsletter/2014_04_22_AsstProf_OregonStateU.pdf

Open-Rank Faculty (6) - Environmental Science and Resource Stewardship – 1) Hydrology and Resources Management; 2) Ecosystem Services Valuation; 3) Ecosystem Process Modeling; 4) Coastal Climate Change Modeling; 5) Environmental Policy Analysis; 6) Geospatial Analysis - Rio Grande Valley Initiative - University of Texas Rio Grande Valley (USA) - http://discrs.org/newsletter/2014_04_22_Faculty_UTexas_RioGrandeValley.pdf

Assoc Prof - GIS and Geomatics - Department of Physical Geography and Quaternary Geology - Stockholm University (Sweden) - <http://www.su.se/english/about/vacancies/lecturers-researchers/associate-professor-in-geographic-information-systems-gis-and-geomatics-1.174618>

Instructor - Atmospheric and Oceanic Sciences - Department of Atmospheric and Oceanic Sciences - University of Colorado Boulder (USA) - <https://www.jobsatcu.com/postings/80696>

Lecturer/Sr Lecturer - Hydrology/Water Science - School of Geosciences - University of Aberdeen (UK) - http://discrs.org/newsletter/2014_04_22_Lecturer_UAberdeen.pdf

Principal Investigator/Scientist - Fate and impacts of ocean greenhouse gases - Monterey Bay Aquarium Research Institute (USA) - http://discrs.org/newsletter/2014_04_22_PI_MBARI.pdf

Researcher - Incorporating Climate Change Damages into CGE Models - Oak Ridge Institute for Science and Education (ORISE) - National Center for Environmental Economics - U.S. Environmental Protection Agency (USA) - http://discrs.org/newsletter/2014_04_22_Researcher_ORISE_EPA.pdf

Researchers (2) - 1) Climate science; 2) Computational meteorology and numerical modeling - APEC Climate Center (South Korea) - http://disccrs.org/newsletter/2014_04_22_Researchers_APEC.pdf

Technical Staff - Global Climate Change - Corporate Strategic Research Laboratory - Exxon Mobil Research and Engineering (USA) - http://disccrs.org/newsletter/2014_04_22_TechStaff_ExxonMobil.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.