

Subject: DISCCRS News - July 1, 2014

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DISCCRS News

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RESOURCES

Climate-Smart Development: Adding Up the Benefits of Actions that Help Build Prosperity, End Poverty and Combat Climate Change (Report) - World Bank and ClimateWorks Foundation - June 23, 2014 - <http://www.worldbank.org/en/news/feature/2014/06/23/study-adds-up-benefits-climate-smart-development-lives-jobs-gdp>

Related: **Climate policies could lift global GDP by \$2.6 trillion/year-World Bank** - Reuters - June 23, 2014 - <http://www.reuters.com/article/2014/06/24/worldbank-climatechange-idUSL6N0P125Z20140624>

American Climate Prospectus: Economic Risks in the United States (Report) - Rhodium Group - June 24, 2014 - <http://rhg.com/reports/climate-prospectus>

DISCCRS VIII Mentor Kate Larsen, a director at the Rhodium Group, served as a project manager for this report, which was prepared as input to the Risky Business Project (<http://riskybusiness.org/>). DISCCRS VIII Mentor Katharine Hayhoe served on the report's expert review panel.

Politics & Global Warming, Spring 2014 (Report) - Yale Project on Climate Change Communication and George Mason University Center for Climate Change Communication - June 26, 2014 - <http://environment.yale.edu/climate-communication/article/politics-and-global-warming-spring-2014/>

FUNDING

NSF Faculty Early Career Development (CAREER) Program - Program guidelines: NSF 14-532 - Full proposal deadline dates by directorate: BIO, CISE, EHR: July 21, 2014 - ENG: July 22, 2014 - GEO, MPS, SBE: July 23, 2014 - http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214&WT.mc_id=USNSF_39&WT.mc_ev=click

NSF Earth Sciences Postdoctoral Fellowships (EAR-PF) - Program guidelines: NSF 13-548 - Full proposal deadline date: July 18, 2014 - http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503144&WT.mc_id=USNSF_39&WT.mc_ev=click

NEWS

NASA Launching Satellite to Track Carbon - New York Times - June 29, 2014 - <http://www.nytimes.com/2014/06/30/science/nasa-launching-satellite-to-track-carbon.html>

Related: **NASA carbon-monitoring orbiter readies for launch** - Nature - June 25, 2014 - <http://www.nature.com/news/nasa-carbon-monitoring-orbiter-readies-for-launch-1.15450>

Ancient ocean currents may have changed pace and intensity of ice ages - NSF Press Release 14-081 - June 26, 2014 - http://www.nsf.gov/news/news_summ.jsp?cntn_id=131830&WT.mc_id=USNSF_51&WT.mc_ev=click

Study links Greenland ice sheet collapse, sea level rise 400,000 years ago - Oregon State University Press Release - June 25, 2014 - <http://oregonstate.edu/ua/ncs/archives/2014/jun/study-links-greenland-ice-sheet-collapse-sea-level-rise-400000-years-ago>

Huge 'whirlpools' in the ocean are driving the weather - New Scientist - June 27, 2014 - http://www.newscientist.com/article/dn25801-huge-whirlpools-in-the-ocean-are-driving-the-weather.html#.U7HQJ_IdVyJ

Prepare for El Niño - World Meteorological Organization Press Release No. 993 - June 26, 2014 - http://www.wmo.int/pages/mediacentre/press_releases/pr_993_en.html

Emperor penguins at risk of extinction, scientists warn - Guardian - June 29, 2014 - <http://www.theguardian.com/environment/2014/jun/29/emperor-penguins-at-risk-of-extinction-scientists-warn>

Coastal warning for vital Atlantic habitats - Climate News Network - June 26, 2014 - <http://www.climate news network.net/2014/06/coastal-warning-for-vital-atlantic-habitats/>

New study quantifies the effects of climate change in Europe - European Commission Joint Research Centre Press Release (via AAAS EurekAlert) - June 25, 2014 - http://www.eurekalert.org/pub_releases/2014-06/ecjr-nsq062514.php

Natural Resources Canada's sweeping report warns feds of increasing climate change, urges action - Hill Times - June 30, 2014 - <http://www.hilltimes.com/news/news/2014/06/30/natural-resources-sweeping-report-warns-feds-of-increasing-climate-change-urges/38944>

Rising Temperatures Drive People to Relocate - ClimateWire (via Scientific American) June 25, 2014 - <http://www.scientificamerican.com/article/rising-temperatures-drive-people-to-relocate/>

Straw albedo mitigates extreme heat - ETH Zurich Press Release (via AAAS EurekAlert) - June 23, 2014 - http://www.eurekalert.org/pub_releases/2014-06/ez-sam062314.php

Deforestation in Indonesia Is Double the Government's Official Rate - ClimateWire (via Scientific American) - June 30, 2014 - <http://www.scientificamerican.com/article/deforestation-in-indonesia-is-double-the-government-s-official-rate/>

From turtle eggs to hornets, traditional knowledge feeds into resilience plans - Thomson Reuters Foundation - June 25, 2014 - <http://www.trust.org/item/20140625094526-kim7b/>

California low-carbon rule survives big legal challenge - Sacramento Bee - June 30, 2014 - <http://www.sacbee.com/2014/06/30/6523178/california-low-carbon-rule-survives.html>

Basis for EPA Clean Power Plan Cuts a 'Mystery' - Climate Central - June 30, 2014 - <http://www.climatecentral.org/news/epa-clean-power-plan-emissions-co2-mystery-17666>

Leaky Methane Makes Natural Gas Bad for Global Warming - ClimateWire - June 26, 2014 - <http://www.scientificamerican.com/article/leaky-methane-makes-natural-gas-bad-for-global-warming/>

"Natural gas fields globally may be leaking enough methane... to make the fuel as polluting as coal for the climate over the next few decades."

Going vegetarian halves CO2 emissions from your food - New Scientist - June 26, 2014 - http://www.newscientist.com/article/dn25795-going-vegetarian-halves-co2-emissions-from-your-food.html#.U7Gp5_lDVyK

New study uses blizzard to measure wind turbine airflow - University of Minnesota Press Release - June 24, 2014 - <http://discover.umn.edu/news/science-technology/new-study-uses-blizzard-measure-wind-turbine-airflow>

Concentrated Solar Power Could Compete with Natural Gas, Study Says - Yale Environment 360 - June 24, 2014 - <http://e360.yale.edu/digest/concentrated-solar-power-could-compete-with-natural-gas-study-says/4179/>

FORUM

Reform Conservatism and Climate Change - Ross Douthat blog (New York Times) June 24, 2014 - By Ross Douthat - <http://douthat.blogs.nytimes.com/2014/06/24/reform-conservatism-and-climate-change/>

How high would a carbon tax really have to be to rein in climate change? - Public Radio International - June 29, 2014 - By Adam Wernick - <http://www.pri.org/stories/2014-06-29/how-high-would-carbon-tax-really-have-be-rein-climate-change>

Awakening the 'Dutch Gene' of Water Survival - New York Times - June 29, 2014 - By Christopher F. Schuetze - <http://www.nytimes.com/2014/06/30/world/europe/netherlands-water-management-system-global-climate-change-sea-level-rise-dutch-gene.html>

A Sunken Kingdom Re-emerges - New York Times - June 23, 2014 - By Katrin Bennhold - <http://www.nytimes.com/2014/06/24/science/a-sunken-kingdom-re-emerges.html>

The strange case of how coal miner Clive [Palmer] turned climate crusader - Guardian - June 25, 2014 - By Lenore Taylor - <http://www.theguardian.com/world/2014/jun/25/how-coal-miner-clive-turned-climate-crusader>

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 - Bonefish decline - Earth & Environment Department - Southeast Environmental Research Center - Florida International University (USA) - http://disccrs.org/newsletter/2014_07_01_Postdoc_FloridaIntlU.pdf

Postdoc - Modelling of the climate impact of natural gas flaring in the Arctic - Department of Physics - University of Helsinki (Finland) - http://disccrs.org/newsletter/2014_07_01_Postdoc_UHelsinki.pdf

Postdoc - Surface Oceanography - Earth System Science Interdisciplinary Center - University of Maryland (USA) - http://disccrs.org/newsletter/2014_07_01_Postdoc_UMaryland.pdf

Postdocs (2) - Modeling tropical forest responses to climate change - Earth and Environmental Sciences Division - Los Alamos National Laboratory (USA) - http://disccrs.org/newsletter/2014_07_01_Postdocs_LANL.pdf

Asst Prof - Landscape Restoration Ecology - School of Life Sciences - University of Nevada, Las Vegas (USA) - http://disccrs.org/newsletter/2014_07_01_AsstProf_UNevadaLasVegas.pdf

Asst Prof - Physical Oceanography - Moss Landing Marine Laboratories - San Jose State University (USA) - http://disccrs.org/newsletter/2014_07_01_AsstProf_SanJoseStateU.pdf

Asst/Assoc Prof - Forest Disturbance Ecology - Natural Resources Management and Environmental Sciences Department - California Polytechnic State University, San Luis Obispo (USA) - http://disccrs.org/newsletter/2014_07_01_AsstProf_CalPolySLO.pdf

Instructor - Practical Applications in Environmental Observation and Data Management - Department of Oceanography - U.S. Naval Academy (USA) - http://disccrs.org/newsletter/2014_07_01_Instructor_USNavalAcademy.pdf

Lecturer - Climate Change and Food Security - School of Earth and Environment - University of Leeds (UK) - http://disccrs.org/newsletter/2014_07_01_Lecturer_ULeeds.pdf

Lecturer - Remote Sensing - Geography and Environment Department - University of Southampton (UK) - http://disccrs.org/newsletter/2014_07_01_Lecturer_USouthampton.pdf

Sr Lecturer - Geomorphology - Department of Earth Sciences - University of Gothenburg (Sweden) - http://disccrs.org/newsletter/2014_07_01_Lecturer_UGothenburg.pdf

Ecologist - Species distribution modeling and fire ecology in sagebrush ecosystems - Forest and Rangeland Ecosystem Science Center - U.S. Geological Survey (USA) - http://disccrs.org/newsletter/2014_07_01_Ecologist_USGS.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.