

Subject: DISCCRS News - July 23, 2014

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DISCCRS News

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RESOURCES

State of the Climate in 2013 (Report) - Bulletin of the American Meteorological Society (via NOAA National Climatic Data Center) - July 17, 2014 - <http://www.ncdc.noaa.gov/bams-state-of-the-climate/2013.php>

Highlights: <http://www.climate.gov/news-features/understanding-climate/state-climate-2013-highlights>

Human dynamics of climate change (Maps) - Met Office (UK) - July 16, 2014 - <http://www.metoffice.gov.uk/climate-guide/climate-change/impacts/human-dynamics>

Urban natural gas leaks (Interactive Maps) - Environmental Defense Fund and Google Earth Outreach - July 16, 2014 - <http://www.edf.org/climate/methanemaps>

Methane's Role in Climate Change (Article) - Chemical & Engineering News - July 7, 2014 - <http://cen.acs.org/articles/92/i27/Methanes-Role-Climate-Change.html>

Factbox: Carbon trading schemes around the world - Reuters - July 17, 2014 - <http://in.reuters.com/article/2014/07/17/carbon-trading-idINL4N0PP5JH20140717>

International Energy Efficiency Scorecard (Report) - American Council for an Energy-Efficient Economy (ACEEE) - July 17, 2014 - <http://aceee.org/portal/national-policy/international-scorecard>

FUNDING

NSF Arctic Research Opportunities - Program Solicitation NSF 14-584 - Arctic Natural Sciences; Arctic Social Sciences; Arctic System Science; Arctic Observing Network and Polar Cyberinfrastructure - <http://www.nsf.gov/pubs/2014/nsf14584/nsf14584.htm>

NEWS

Coverage of Australia's July 17 carbon tax repeal:

Australia kills off carbon tax - Guardian - July 16, 2014 - <http://www.theguardian.com/environment/2014/jul/17/australia-kills-off-carbon-tax>

Australian parliament repeals carbon tax, emissions trading scheme - Reuters - July 17, 2014 - <http://www.reuters.com/article/2014/07/18/australia-carbon-vote-update-2-tv-graphi-idUSL4N0PS0D420140718>

Australia's carbon tax abolition draws international criticism - Guardian - July 18, 2014 - <http://www.theguardian.com/environment/2014/jul/18/australia-carbon-tax-abolition-international-criticism>

Global carbon market hopes fade as Australia dumps CO2 trading - Reuters - July 17, 2014 - <http://www.reuters.com/article/2014/07/17/australia-carbon-setback-idUSL4N0PS2ZH20140717>

Error discovered in Antarctic sea-ice record - Nature - July 22, 2014 - <http://www.nature.com/news/error-discovered-in-antarctic-sea-ice-record-1.15605>

Study provides new insight into Southern Ocean behavior - University of Southampton Press Release (via AAAS EurekAlert) - July 22, 2014 - http://www.eurekalert.org/pub_releases/2014-07/uos-miu071814.php

Scientists Look for Causes of Baffling Die-Off of Sea Stars - Yale Environment 360 - July 17, 2014 - <http://e360.yale.edu/feature/scientists-look-for-causes-of-baffling-die-off-of-sea-stars-starfish-wasting-syndrome/2787/>

Stuck on land? Polar bears find ways to grab dinner - Daily Climate - July 15, 2014 - <http://www.dailyclimate.org/tdc-newsroom/2014/07/polar-bear-diet>

New water balance calculation for the Dead Sea - Helmholtz Centre for Environmental Research Press Release - July 22, 2014 - <http://www.ufz.de/index.php?en=33033>

Mapping water trends for African maize - Princeton Journal Watch blog - July 21, 2014 - <http://blogs.princeton.edu/research/2014/07/21/water-water-not-everywhere-mapping-water-trends-for-african-maize-environmental-research-letters/>

Climate scientists have a beef with beef - Los Angeles Times - July 22, 2014 - <http://www.latimes.com/science/sciencenow/la-sci-sn-climate-scientists-beef-20140721-story.html>

For Ethiopia, wildlife protection makes economic and climate sense - Thomson Reuters Foundation - July 22, 2014 - <http://www.trust.org/item/20140722080235-vjylr/>

Germany sets example, pledges \$1 billion to U.N. climate fund - Thomson Reuters Foundation - July 15, 2014 - <http://www.trust.org/item/20140715114343-iptl6/>

India Doubles Coal Tax to Fund Ambitious Clean Energy Initiatives - Yale Environment 360 - July 21, 2014 - <http://e360.yale.edu/digest/india-doubles-coal-tax-to-fund-ambitious-clean-energy-initiatives/4199/>

White House Announces Climate Change Initiatives - New York Times - July 16, 2014 - <http://www.nytimes.com/2014/07/17/us/politics/white-house-unveils-climate-change-initiatives.html>

Britain sticks with tough carbon target despite opposition - Reuters - July 22, 2014 - <http://uk.reuters.com/article/2014/07/22/britain-carbon-idUKL6N0PX3RJ20140722>

UK on track to miss carbon targets, climate change advisers warn - Guardian - July 15, 2014 - <http://www.theguardian.com/environment/2014/jul/15/uk-miss-carbon-targets-climate-change-advisers>

Without Much Straining, Minnesota Reins In Its Utilities' Carbon Emissions - New York Times - July 17, 2014 - <http://www.nytimes.com/2014/07/18/us/politics/without-much-straining-minnesota-reins-in-its-utilities-carbon-emissions.html>

Germany, UK and Poland top 'dirty 30' list of EU coal-fired power stations - Guardian - July 22, 2014 - <http://www.theguardian.com/environment/2014/jul/22/germany-uk-poland-top-dirty-30-list-eu-coal-fired-power-stations>

Corralling Carbon Before It Belches From Stack - New York Times - July 21, 2014 - <http://www.nytimes.com/2014/07/22/science/corralling-carbon-before-it-belches-from-stack.html>

Though Scorned by Colleagues, a Climate-Change Skeptic Is Unbowed - New York Times - July 15, 2014 - <http://www.nytimes.com/2014/07/16/us/skeptic-of-climate-change-john-christy-finds-himself-a-target-of-suspicion.html>

FORUM

A Fresh Look at Iron, Plankton, Carbon, Salmon and Ocean Engineering - Dot Earth blog (New York Times) - July 18, 2014 - By Andrew Revkin - <http://dotearth.blogs.nytimes.com/2014/07/18/a-fresh-look-at-iron-plankton-carbon-salmon-and-ocean-engineering/>

China Clarifies its Plans on Setting a CO2 Emissions Peak - Dot Earth blog (New York Times) - July 15, 2014 - By Andrew Revkin - <http://dotearth.blogs.nytimes.com/2014/07/15/china-clarifies-its-plans-on-setting-a-co2-emissions-peak/>

A Reassuring American Presence Joins Talks on Climate Change With China - Sinosphere blog (New York Times) - July 21, 2014 - By Jane Perlez - <http://sinosphere.blogs.nytimes.com/2014/07/21/a-reassuring-american-presence-joins-talks-on-climate-change-with-china/>

Australia's carbon tax betrayal is a blow, but there's good news buried there too - Guardian - July 17, 2014 - By Dan Cass - <http://www.theguardian.com/commentisfree/2014/jul/18/australias-carbon-tax-betrayal-is-a-blow-but-theres-good-news-buried-there-too>

Climate change is far from the only cause of a rapid rise in disasters - Guardian - July 21, 2014 - By Doug McNeill and Andy Wiltshire - <http://www.theguardian.com/environment/2014/jul/21/climate-change-cause-rapid-rise-disasters>

Climate models accurately predicted global warming when reflecting natural ocean cycles - Climate Consensus - the 97% blog (Guardian) - July 21, 2014 - By Dana Nuccitelli - <http://www.theguardian.com/environment/climate-consensus-97-per-cent/2014/jul/21/realistic-climate-models-accurately-predicted-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 listings, 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 - Coupled biological/chemical/physical ocean modelling - Department of Earth, Ocean & Atmospheric Sciences - University of British Columbia (Canada) - http://disccrs.org/newsletter/2014_07_23_Postdoc_UBritishColumbia.pdf

Postdoc - Ensemble/mesoscale modeling of extreme precipitation events - Cooperative Institute for Research in Environmental Sciences - University of Colorado Boulder (USA) - http://disccrs.org/newsletter/2014_07_23_Postdoc_UColoradoBoulder.pdf

Postdoc - Geospatial Change due to Human Impacts - Geospatial Sciences Center of Excellence - South Dakota State University (USA) - http://disccrs.org/newsletter/2014_07_23_Postdoc_SouthDakotaStateU.pdf

Postdoc - Reservoir Modeling - Institute for Sustainable Cities - City University of New York (USA) - http://disccrs.org/newsletter/2014_07_23_Postdoc_CUNY.pdf

Postdoc - Simulating the carbon dynamics and greenhouse gas exchanges from whole-ecosystem "best practices" restoration - Department of Geography - McGill University (Canada) - http://disccrs.org/newsletter/2014_07_23_Postdoc_McGillU.pdf

Postdoc - Sustainability (Interdisciplinary) - Graham Sustainability Institute - University of Michigan (USA) - http://disccrs.org/newsletter/2014_07_23_Postdoc_UMichigan.pdf

Postdoc - Modeling impacts of cooking technologies on emissions, chemistry and climate in West Africa and China - Atmospheric Chemistry Division - NCAR Earth System Laboratory (USA) - National Center for Atmospheric Research - http://disccrs.org/newsletter/2014_07_23_Postdoc_NCAR.pdf

Postdocs (2) - Impacts of forest-sector environment and development programs - International Forestry Resources and Institutions research network - School of Natural Resources and Environment - University of Michigan (USA) - <http://www.ifriresearch.net/2014/07/22/ifri-postdoctoral-research-fellow-positions/>

Prospective applicants are welcome to contact current IFRI postdoc Pete Newton, a DISCCRS VII Symposium Scholar (<http://umich.academia.edu/PeteNewton>).

Postdocs (2) - 1) Modeling of Clouds, Convection, and Atmospheric Boundary Layer; 2) Experimental Predictions of High Impact Weather Events using a global cloud-permitting model - Geophysical Fluid Dynamics Laboratory - Atmospheric and Oceanic Sciences Program - Princeton University (USA) - http://disccrs.org/newsletter/2014_07_23_Postdocs_PrincetonU.pdf

Postdocs (2) - Sea ice dynamics - Marine Research Unit - Finnish Meteorological Institute (Finland) - http://disccrs.org/newsletter/2014_07_23_Postdocs_FinnishMeteorologicalInst.pdf

Postdocs (3) - Earth Systems Modeling - Department of Forest Resources - University of Minnesota (USA) - http://disccrs.org/newsletter/2014_07_23_Postdocs_UMinnesota.pdf

Asst Prof - Archaeology of human-environmental dynamics - Department of Anthropology - San Diego State University (USA) - http://disccrs.org/newsletter/2014_07_23_AsstProf_SanDiegoStateU.pdf

Asst Prof - Conservation Biology - Department of Biology - East Carolina University (USA) - http://disccrs.org/newsletter/2014_07_23_AsstProf_EastCarolinaU.pdf

Asst Prof - Forest Certification and Sustainability - Warnell School of Forestry and Natural Resources - University of Georgia (USA) - http://disccrs.org/newsletter/2014_07_23_AsstProf_UGeorgia.pdf

Research Asst Prof - Coastal Sciences or Urban Ecology - Tulane/Xavier Center for Bioenvironmental Research - Tulane University (USA) - http://disccrs.org/newsletter/2014_07_23_ResAsstProf_TulaneU.pdf

Research Fellow - Global Assessment of Water Security - School of Geography and the Environment - University of Oxford (UK) - http://disccrs.org/newsletter/2014_07_23_ResFellow_UOxford.pdf

Assoc Prog Director - Energy Policy and Climate - Zanvyl-Krieger School of Arts and Sciences - Johns Hopkins University (USA) - http://disccrs.org/newsletter/2014_07_23_AssocProgDir_JohnsHopkinsU.pdf

Ocean Scientist - Ocean Forecasting Research and Development Group - Met Office (UK) - http://disccrs.org/newsletter/2014_07_23_OceanScientist_MetOffice.pdf

Principal Research Scientist/Sr Professorial Fellow - Ground-based remote-sensing of greenhouse gases - National Physical Laboratory and University of Edinburgh School of GeoSciences (UK) - http://disccrs.org/newsletter/2014_07_23_Researcher_NPL_UEdinburgh.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.