

DWR Climate News Digest

April 1st - May 19th, 2014

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The information provided herein is a selected compilation of recent popular news articles, publications, and other information relevant to climate change and water management. The links provided herein are intended to provide educational and thought-provoking material for water managers and water users.

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TOPICS [Find older items in the [Climate News Archive](#)]

Reports

National Security and the Accelerating Risks of Climate Change

[CAN Military Advisory Board – May 2014] (*“Even though we may not have 100% certainty as to the cause or even the exact magnitude of the impacts, the risks associated with projected climate change warrant taking action today to plan and prepare for changes in our communities, at home and abroad”*)

National Climate Assessment [US Global Change Research Program – May 2014] (*“The National Climate Assessment summarizes the impacts of climate change on the United States, now and in the future”*)

Probable cause of the abnormal ridge accompanying the 2013-14 California drought

[Wang, Hipps, Gillies, and Yoon – April 2014]

Global Warming: The Evolving Risk Landscape [Guy Carpenter & Company – September 2013]

(A “global leader in providing risk and reinsurance intermediary services” summarizes what climate change means for the risk management and re-insurance industry)

Published Literature

Probable causes of the abnormal ridge accompanying the 2013-14 California drought: ENSO precursor and anthropogenic warming footprint (abstract only – see report above)

[Geophysical Research Letters – April 2014]

Sea-level Rise and other Ocean Impacts

[West Antarctic ice sheet's collapse triggers sea level warming](#) [NBC News – May 14, 2014]

[Back to the future to determine if sea level rise is accelerating](#) [Science Daily – May 9, 2014]

[Entire marine food chain at risk from rising CO2 levels in water](#) [The Guardian – April 13, 2014]

(“Escalating carbon dioxide emissions will cause fish to lose their fear of predators, potentially damaging the entire marine food chain”)

Agriculture/Food Production

[Stanford research shows importance of European farmers adapting to climate change](#)

[Stanford – May 20, 2014]

[Vilsack: Agriculture unfairly blamed for climate change](#) [Des Moines Register – April 22, 2014]

Extreme Weather Events

[Bombshell: Study ties epic California drought, ‘frigid East’ to manmade climate change](#)

[Think Progress – April 15, 2014]

[Drought worldwide may have an effect on American dinner plates](#) [NBC news – April 7, 2014]

Tribal Impacts & Traditional Ecological Knowledge

[How a ‘black snake’ in the Heartland brought spirit to American environmentalism](#)

[Yes! Magazine – May 6, 2014]

Wildlife and Ecosystem Impacts

[NASA satellites show drought may take toll on Congo rainforest](#) [NASA – April 23, 2014]

[Wildlife response to climate change is likely underestimated, experts warn](#)

[Science Daily – April 22, 2014]

[Role of climate change in extinction of ice predators examined](#) [redOrbit – April 11, 2014]

[Salamanders shrink as climate heats up](#) [Live Science – April 11, 2014]

Greenhouse Gas Mitigation

[Up to 1,000 times more methane released at gas wells than EPA estimates, study finds](#)

[Think Progress – April 15, 2014] (“The researchers determined that the wells leaking the most were in the drilling phase, a period that has not been known for high emissions”)

[U.S. greenhouse gas emissions fall 10% since 2005: EPA](#) [Reuters – April 15, 2014]

Climate Adaptation

[Involve the youth in climate change adaptation](#) [The Jet – April 15, 2014]

International Planning

[North Korea: An unlikely champion in the fight against climate change](#)

[Guardian – May 20, 2014]

[Philippine experts divided over climate change action](#) [The Guardian – April 8, 2014]

BLOGS/Commentary

Katie Valentine on “**[Evangelical group: Climate change is a ‘pro-life’ issue](#)” [Think Progress – May 20, 2014]**

Cynthia Tucker on “**[Climate change is the great moral crisis of our time](#)” [Albany Herald – May 9, 2014]**

Chris Mooney on “**[Finally, Neil deGrasse Tyson and ‘Cosmos’ take on climate change](#)” [Mother Jones – May 5, 2014]**

Carol Browner on “**[If you’re concerned about climate change, you should support nuclear power](#)” [Forbes – May 5, 2014]**

The New York Times Editorial Board on “**[Running out of time](#)” [New York Times – April 20, 2014]**

Elizabeth Kolbert on “**[Rough forecasts](#)” [The New Yorker – April 14, 2014] (*The forecast of ozone destruction by CFCs was met with skepticism and derision by the industry that produced them, but international action changed the predicted outcome; a similar tide of action is needed for climate change*)**

Ezra Klein on “**[How politics makes us stupid](#)” [Vox – April 6, 2014]**

Joe Hagan on "[Tom Steyer: An inconvenient billionaire](#)" [Men's Journal – March 2014]

Mark Bittman on "[Exploiting California's drought](#)" [New York Times – March 11, 2014]

Additional Items of Interest

Climate change research show pockets of warming around the world

[CBC News – May 20, 2014]

NASA launch pads threatened by climate change, scientists warn

[The Telegraph – May 20, 2014]

If there's a climate change conspiracy, this is it [Atlanta Journal Constitution – May 20, 2014]

Six civilizations destroyed by climate change [The Weather Network – May 19, 2014]

Climate change threatens historic landmarks [USA Today – May 20, 2014]

California governor links wildfire increase to climate change [The Guardian – May 18, 2014]

[website] **EnviroAtlas** (*"Though critically important to human well-being, ecosystem services are often overlooked. EnviroAtlas seeks to measure and communicate the type, quality, and extent of the goods and services that humans receive from nature so that their true value can be considered in decision-making processes"*)

Inaction on energy, climate change risks global chaos [Forbes – May 16, 2014]

Climate change deemed growing security threat by military researchers

[New York Times – May 13, 2014] (*"The accelerating rate of climate change poses a severe risk to national security and acts as a catalyst for global political conflict"*)

Brothers battle climate change on two fronts [New York Times – May 10, 2014]

Finally, Neil deGrasse Tyson and "Cosmos" take on climate change

[Mother Jones – May 5, 2014]

Carbon loss from soil accelerating climate change [Science Daily – April 24, 2014]

[online tool] **Interactive online tool teaches users about climate change** [USDA – April 22, 2014] (*US Forest Service employees and others can use this interactive module to deepen their understanding about the basics of climate science*)

Apple: climate change is real and it's a real problem [The Guardian – April 22, 2014]

[US military is preparing for 'climate change war'](#) [Bangor Daily News – April 21, 2014] (*Retired Navy Rear Adm. David Titley discusses how he went “from a climate change skeptic to labeling it ‘one of the pre-eminent challenges of our century’”*)

[Climate changes visible by ZIP code with new online tools](#) [USA Today – April 20, 2014]

[Why climate change hits the world's poor harder](#) [Ars Technica – April 17, 2014] (*“IPCC report sees climate change as a threat multiplier exacerbating inequality”*)

[More, bigger wildfire burning western US over last 30 years](#) [Science Daily – April 17, 2014]

[Meet the surprising star of Showtime's new climate change series](#)

[Think Progress – April 14, 2014]

[The docu series “Years of Living Dangerously” tries to close the climate gap](#)

[Time – April 12, 2014]

[The statistical probability that climate change is not manmade is 0.1 percent](#)

[Motherboard – April 11, 2014] (*nonlinear physicist Shaun Lovejoy “used statistics, actual observed data, and most importantly, no computer models at all to prove that climate change has not been a natural phenomenon”*)

[World Bank chief says fighting climate change and fighting poverty are linked](#)

[Climate Wire – April 11, 2014]

[Climate change is good for you, says ultra-conservative Heartland Institute](#)

[The Guardian – April 9, 2014]

[What can scientists say about ethics and economics of combating climate change?](#)

[Our year of extremes: Did climate change just hit home? Part 1](#) [NBC News – April 7, 2014]

(*“NBC News’ Ann Curry looks into whether a link exists between recent extreme weather events and climate change...Curry travels to the Arctic, to drought stricken regions in the American West, to the edge of rising seas in Florida, and into extreme weather events all over the globe, meeting with both scientists and eye witnesses”*)

[Scientists unmask the climate uncertainty monster](#) [Science Daily – April 4, 2014]

Images to Ponder

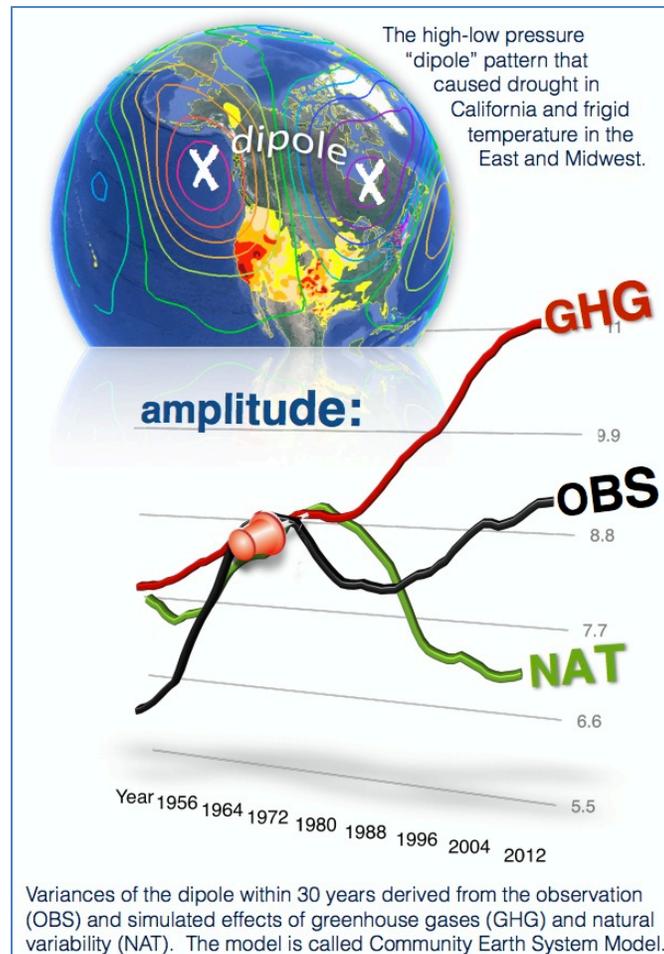


Image source: <http://thinkprogress.org/climate/2014/04/15/3426810/california-drought-climate-change/>

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