

DWR Climate News Digest

May 2015

****5-Year Anniversary Edition****



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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

[Quadrennial Diplomacy and Development Review](#) [U.S. Department of State – May 2015] (*The QDDR “provides a blueprint for advancing America’s interests in global security, inclusive economic growth, climate change, accountable governance and freedom for all”*)

Sea-level Rise and other Ocean Impacts

[How will climate change impact plankton?](#) [Smithsonian – May 26, 2015]

[Ocean microbes: How they may directly impact climate change](#)

[Nature World News – May 19, 2015]

[‘New era’ in Arctic Ocean due to climate change](#) [blue and green tomorrow – May 5, 2015]

Agriculture/Food Production

[**Climate change and food security: Water scarcity threatens major food companies, but few are tackling the challenge**](#) [International Business Times – May 7, 2015]

Extreme Weather Events

[**Super typhoons to increase in strength with climate change, researchers find**](#)

[Sydney Morning Herald – May 30, 2015]

[**Extreme heat wave in India is killing people and melting roads**](#) [Think Progress – May 26, 2015]

(A blistering heat wave in India has killed nearly 1,400 people in the country in less than one week”)

[**Climate change, a factor in Texas floods, largely ignored**](#) [The Texas Tribune – May 27, 2015]

[**Studies: Climate change to bring more heat waves, stronger hurricanes**](#)

[USA Today – May 19, 2015] (*“Extreme heat is responsible for more deaths in the United States than any other weather-related event, and it’s frequency and intensity is expected to increase over this century”*)

Water/Energy Nexus

[**U.S. West’s power grid must be prepared for impacts of climate change**](#)

[Science Daily – May 18, 2015] (*“In their development plans, power providers are not taking into account climate change impacts...They are likely overestimating their ability to meet future electricity needs”*)

[**Western drought steals clean energy along with fresh water at power plants**](#)

[Washington Post – April 26, 2015]

Human Health Impacts

[**Children the most vulnerable to impacts of climate change, doctors say**](#) [Sydney Morning Herald – May 31, 2015]

[**Doctors are already seeing links between climate change and their patients’ health**](#)

[Grist – May 4, 2015]

Tribal Impacts & Traditional Ecological Knowledge

[**Meet the woman helping Native American communities get ready for climate change**](#)

[Huffington Post – May 6, 2015]

[**Ancient traditions revitalize Sierra watersheds, increase water**](#)

[The California Spigot – May 4, 2015]

Wildlife and Ecosystem Impacts

[**Diverse soil communities can help offset impacts of global warming**](#)

[Science Daily – May 19, 2015]

[**Water fleas genetically adapt to climate change**](#) [PhysOrg – May 11, 2015]

[**Climate change could drive 1-in-6 species to extinction**](#) [Grist – May 1, 2015]

Greenhouse Gas Mitigation

[**Why solar is critical to confronting climate change**](#) [CBS Money Watch – May 7, 2015]

[**Governor Brown establishes most ambitious greenhouse gas reduction target in North**](#)

[**America**](#) [California.gov – April 29, 2015] (*“Governor Edmund G. Brown Jr. today issued an executive order to establish a California greenhouse gas reduction target of 40 percent below 1990 levels by 2030 – the most aggressive benchmark enacted by any government in North America to reduce dangerous carbon emissions over the next decade and a half”*)

Climate Adaptation

[**U.S., Mexico, Canada to collaborate on climate adaptation**](#) [Climate Central – May 26, 2015]

International Planning

[**Women’s frontier in climate change adaptation and disaster risk reduction**](#)

[Dhaka Tribune – May 23, 2015]

[**Tackling climate change adaptation European conference in Copenhagen**](#)

[Potsdam Institute for Climate Impact Research – April 30, 2015]

Communicating Climate Change

[**Public education’s climate change learning curve**](#) [Green Biz – May 29, 2015]

[**Alaska photo project captures climate change in a thousand wows**](#)

[Inside Climate News – May 25, 2015]

[**The arguments that convinced a libertarian to support aggressive action on climate**](#)

[Vox – May 12, 2015]

[Listen to 133 years of climate change in one evocative song](#) [Tree Hugger – May 11, 2015]

[How climate science denial affects the scientific community](#) [Science Daily – May 7, 2015]

(“...sometimes scientists have inadvertently allowed contrarian claims to frame the language of their scientific thinking, leading us to overstate uncertainty and under-communicate knowledge”)

[5 secrets behind Elon Musk’s style](#) [USA Today – May 6, 2015]

[15 ways to powerfully communicate climate change solutions](#) [The Guardian – May 5, 2015]

BLOGS/Commentary

Bryan Birsic on [“Goldman Sachs is our best bet against climate change”](#)

[Tech Crunch – May 26, 2016]

John Sutter on [“On 6 degrees of climate change”](#) [CNN – May 22, 2015] *[An interview with author Mark Lynas describes the dangers of a 6-degree average increase in global temperatures, which based on research on previous mass extinctions, would mean that “Most of the planetary surface would be functionally uninhabitable”]*

Katie Valentine on [“Senator Sheldon Whitehouse’s best climate change burns”](#)

[Climate Progress – May 18, 2015]

Joe Romm on [“The really awful truth about climate change”](#) [Think Progress – May 18, 2015]

Phil Plait on [“What if climate change is real”](#) [Slate – May 16, 2015]

Dana Goodyear on [“Elon Musk, climate hero?”](#) [The New Yorker – May 7, 2015]

Ari Phillips on [“Weather forecasters used to be among the country’s staunchest climate deniers. Why that’s changing fast”](#) [Think Progress – May 7, 2015]

Jon Krosnick on [“On climate change, most Americans want action”](#) [LA Times – May 5, 2015] *(“What we’ve found is about 80% of Americans – I never see 80% of Americans agreeing on anything when it comes to other issues, so this is very unusual – believe the federal government should limit greenhouse gas emissions by businesses and in particular by public utilities”)*

Additional Items of Interest

[6 climate triggers that could completely change our world](#) [Live Science – May 29, 2015]

[Climate change: Ancient warming interrupted with significant cold snap](#)

[Nature World News – May 28, 2015]

[CIA stops sharing climate change information with scientists](#) [Discovery – May 26, 2015]

[Global news organizations agree to share climate change content](#)

[The Guardian – May 21, 2015] (*“The initiative, called the Climate Publishers Network, aims to create a global pool of content to provide a resource for publishers to widen coverage ahead of the UN climate change summit in Paris in December”*)

[Elders take action on climate change](#) [Huffington Post – May 21, 2015]

[Sudden onset of ice loss in Antarctic so large it affects Earth’s gravity field](#)

[Science Daily – May 21, 2015]

[As states ready disaster plans, feds urge them to consider climate change](#)

[NPR – May 19, 2015] (*“States typically use historical data to predict risk. By next spring, FEMA wants states to also consider the probability of future challenges posed by climate change as condition for that funding”*)

[The real story behind Shell’s climate change rhetoric](#) [The Guardian – May 17, 2015]

[10,000-year-old Antarctic ice shelf could disappear before decade’s end, NASA study finds](#)

[International Business Times – May 15, 2015]

[New study finds a hot spot in the atmosphere](#) [The Guardian – June 2, 2015]

[The really scary thing about wildfires is how they can worsen climate change](#)

[Washington Post – May 14, 2015]

[You just lived through the Earth’s hottest January-April since we started keeping records](#)

[Think Progress – May 14, 2015]

[Climate ‘denialists’ in Congress acting as NASA’s kryptonite](#) [NPR – May 12, 2015]

[Global CO2 in atmosphere highest in a million years, NOAA says](#)

[Sydney Morning Herald – May 7, 2015] (*“The amount of heat-trapping carbon dioxide in the atmosphere averaged more than 400 parts per million globally for the first time ever in March”*)

[Climate change now among top U.S. strategic priorities](#) [Clean Technica – May 7, 2015]

[Feds to require climate change plans for states seeking disaster relief](#) [The Hill – May 5, 2015]

[Arctic ice melting faster and earlier as scientists demand action](#) [The Guardian – May 5, 2015]

[Western towns hard-hit by climate change unite, target coal for funds](#)

[Denver Post – May 3, 2015]

[On climate change we are all shareholders](#) [Forbes – May 2, 2015]

[Limiting global warming to 2 degrees ‘inadequate’, scientists say](#) [Yahoo news – May 1, 2015]

[YouTube video] [What if climate change is real?](#)

[Katharine Hayhoe – Texas Tech University – May 5, 2015] (*climate change scientist and evangelical Christian Dr. Katharine Hayhoe talks about the implications of climate change and why we should take action in this TEDx Talk*)

[Vatican official calls for moral awakening on global warming](#) [The Guardian – April 28, 2015]

Images to Ponder

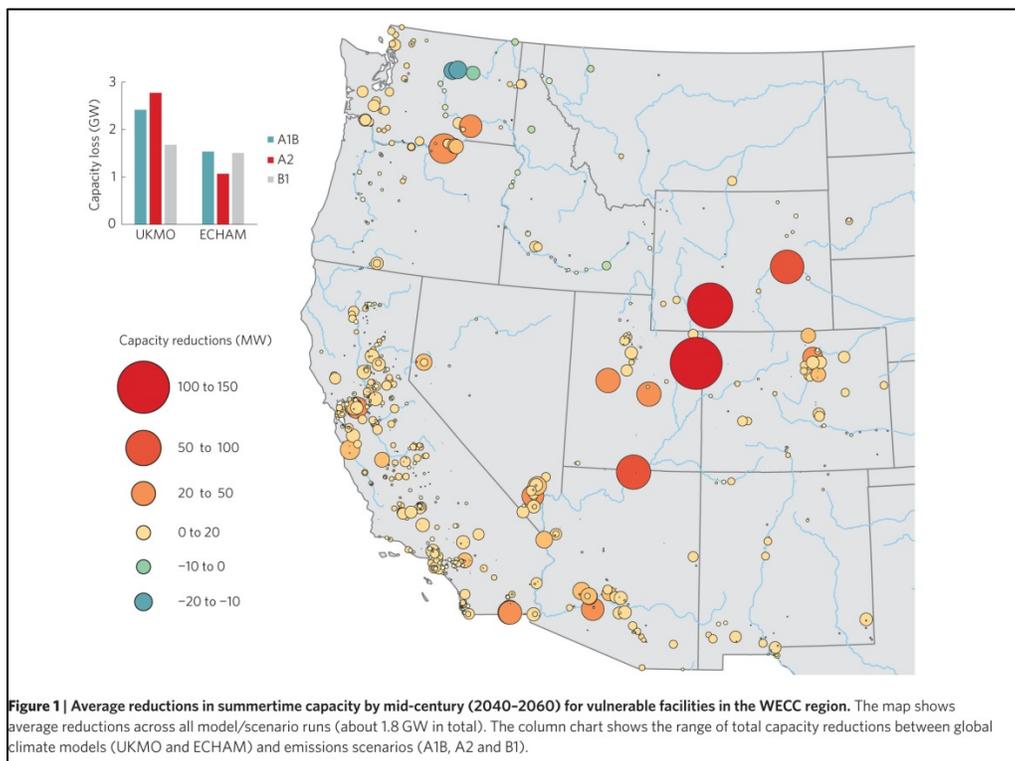


Image credit: <http://theenergycollective.com/katherinetweed/2233976/nearly-half-western-us-power-plants-vulnerable-climate-change>

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