

DWR Climate News Digest

June 2016

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The information provided in the DWR Climate News Digest is a selected compilation of recent popular news articles, publications, and other information relevant to climate change and water management, and is 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](#)]

Agriculture/Food Production

[Climate change from a global wine industry perspective](#) [Forbes – June 20, 2016]

[Three ways to boost crop resilience to climate change](#) [Carbon Brief – June 23, 2016]

[The paradox of American farmers and climate change](#) [Fortune – June 29, 2016]

Extreme Weather

[Climate change in NYC: Hot summers could cause over 3,000 deaths a year by 2080](#)

[Medical Daily – June 23, 2016]

[Paris deluge made up to 90% more likely by climate change, scientists say](#)

[Carbon Brief – June 9, 2016]

[Southwest US extreme heat June 2016](#) [Climate Signals – June 17, 2016] (“...a small shift in climate leads to a dramatic increase in the frequency of temperatures at the high end” [of the range]; “Due to global warming, the most extreme heat events now impact a global area 10 times greater than in the period 1951-1980”)

[New York City could see thousands of heat deaths by 2080](#)

[Scientific American – June 23, 2016] *(As many as 3,331 people annually could die from heat under a future high emissions scenario; in a low emissions scenario about 1,152 deaths are projected, highlighting the importance of proactive measures to reduce greenhouse gas emissions)*

Sea-level Rise and other Ocean Impacts

[Overfishing and pollution kills corals in a warming world](#) [Climate Central – June 7, 2016]

Water/Energy Nexus

[Water conservation saves energy in California](#) [News Deeply – June 8, 2016]

[Will water sector help or hurt on climate change?](#) [Water Deeply – June 21, 2016] *(“The water sector uses 19 percent of California’s electricity. If more clean energy is used, this presents a big opportunity for the state to move toward meeting its climate goals and for water utilities to realize new economic benefits”)*

Human Health Impacts

[Is drought causing a health crisis in California?](#) [Water Deeply – June 16, 2016]

Tribal Impacts & Traditional Ecological Knowledge

[The Choctaw vs. climate change: ‘The Earth is speaking’](#) [Aljazeera – June 12, 2016]

[To combat climate change, restore land ownership to indigenous peoples](#)

[I.C. Magazine – June 15, 2016]

Wildlife and Ecosystem Impacts

[A simple idea could help wildlife survive climate change](#) [Climate Central – June 13, 2016]
(under a moderate carbon dioxide emission scenario “...[migration] corridors up to 62 miles long would link up to 25 percent more habitat across the U.S. and on average help species adapt to an extra 4.9°F (2.7°C) of warming”, BUT under a business as usual scenario, “...climate change will likely be too intense for most species to adapt even with an assist from climate-connected corridors”)

[Australian rodent is first mammal made extinct by human-driven climate change, scientists say](#) [New York Times – June 14, 2016]

[Obama warns climate change ‘biggest threat’ to National Parks](#)

[Voice of America – June 19, 2016]

[How climate change is fueling a rise in shark attacks](#) [Time – June 23, 2016]

[In hot water: Climate change is affecting North American fish](#) [Science Daily – June 30, 2016]

Greenhouse Gas Mitigation

[Brick-and-mortar solution to global warming](#) [US News and World Report – June 9, 2016]

[Researchers turn CO2 into stone in climate change breakthrough](#) [Time – June 10, 2016]

[700-year old West African soil technique could help mitigate climate change](#)

[Science Daily – June 16, 2016] (*“The discovery of this indigenous climate smart soil-management practices is extremely timely. This valuable strategy to improve soil fertility while also contributing to climate change mitigation and adaptation in Africa could become an important component of the global climate-smart agricultural management strategy to achieve food security”*)

Climate Adaptation

[Climate change adaptation could cost up to US\\$500 billion per year by 2050](#)

(*“...failing to significantly reduce greenhouse gas emissions by the half of this century would dramatically increase the costs of adapting to the changes in climatic patterns around the world”*)

International Planning

[Ontario releases new Climate Change Action Plan](#) [Ontario Newsroom – June 8, 2016]

[Mexico struggles to turn climate change commitments into action](#)

[World Politics Review – June 14, 2016]

[France ratifies Paris climate change agreement](#) [Tech Times – June 16, 2016]

[GAO analyzes how governments are managing climate change risks](#)

[Emergency and Disaster Management Digest – June 20, 2016] (*“...selected governments across the globe have approached climate change adaptation from the angle of enhancing resilience, and by doing so, some of the governments have ended up aligning climate change adaptation measures with broader, overall resilience efforts”*)

[EU smashes 2020 emissions target six years early](#) [Climate Home – June 21, 2016]

Communicating Climate Change

[Changing the message could help communicate dangers of climate change](#)

[PhysOrg – June 9, 2016]

[These 4 games will teach kids how we can tackle climate change](#) [Fast CoExist – June 21, 2016]

[New documentary ‘Time to Choose’ highlights climate change solutions](#)

[Desmogblog – June 23, 2016]

[Climate solutions for a stronger America](#) [Climate Narrative – June 2016] (“*Tested messaging for engaging on climate change and clean energy*”)

BLOGS/Commentary

Chloe Maxmin on “**[Growing up with climate change](#)**” [The Nation – June 15, 2016] (*six young people describe how they “...define climate change as an opportunity to create a different world”*)

[Andrew Revkin on “Neil deGrasse Tyson and Al Gore explore climate change, life in a naval observatory and more](#) [New York Times – June 22, 2016]

Additional Items of Interest

[New tool to track impact of climate change on heritage sites](#) [Science Daily – June 8, 2016]

[Climate change could force huge migrations for people and animals living near the equator](#)
[June 9, 2016]

[How the effects of climate change in one place can radiate all over the world](#)
[Washington Post – June 10, 2016]

[Europeans see ISIS, climate change as most serious threats](#)
[Pew Research Center – June 13, 2016]

[Climate change activists should be nervous about Brexit](#) [Think Progress – June 14, 2016]

[Big banks betting against climate change policies, spending billions on fossil fuel projects: Report](#) [International Business Times – June 14, 2016]

[Banks claim they will back away from fossil fuels](#) [Climate Wire – June 15, 2016]

[The most hopeful place on Earth for climate change](#) [Gizmodo – June 16, 2016]

[It's the first new U.S. nuclear reactor in decades. And climate change has made that a very big deal](#) [Washington Post – June 17, 2016]

[12,000 years ago, humans and climate change made a deadly turn](#)

[New York Times – June 17, 2016] (*"...scientists concluded that the extinctions of these Patagonian megafauna were initiated by an environmental change, but it became an ecosystem-wide change because of mankind"*)

[Shattered records show climate change is an emergency today, scientists warn](#)

[The Guardian – June 17, 2016] (*"The scorching temperatures mean 2016 is all but certain to be the hottest year ever recorded, beating the previous hottest year in 2015, which itself beat 2014"*)

[With climate change, doing the math matters](#) [Bloomberg – June 20, 2016]

[94 million year old climate change event holds clues for future](#) [Science Daily – June 22, 2016]

[Why the climate change fight needs a new type of entrepreneur](#) [UC News – June 23, 2016]

(*"Thanks to growing entrepreneurship programs within universities and a generation of students that is highly aware of the impact climate change will have on their future, clean tech entrepreneurs are getting an early start"*)

[Climate change is tipping scales toward more wildfires](#) [Climate Central – June 23, 2016]

[If you're younger than 31, you've never experienced this](#) [Huffington Post – June 23, 2016]

(*"The last time the global monthly temperature was below average was February 1985"*)

[Why an E.U. without Britain is bad news for the fight against climate change](#)

[Washington Post – June 24, 2016]

[California's climate change agency just approved a \\$500 million plan – but there's no money to pay for it](#) [LA Times – June 24, 2016]

[Thanks to climate change, the Arctic is turning green](#) [Washington Post – June 27, 2016]

[Climate change prosecutors suffer setback as AG pulls Exxon subpoena](#)

[Washington Times – June 29, 2016]

[What Brexit means for addressing climate change](#) [Time – June 30, 2016]

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