



## IOWA CHAPTER

# Reading and Film List on Climate Change

Items added in December, 2017, are in red.

### Books

Jeff Goodell, The Water Will Come: Rising Seas, Sinking Cities, and the Remaking of the Civilized World, Little, Brown and Company, 2017

Al Gore, An Inconvenient Sequel: Truth to Power, Rodale, 2017

Vivian E. Thomson, Climate of Capitulation: An Insider's Account of State Power in a Coal Nation, MIT Press, 2017

Connie Mutel, A Sugar Creek Chronicle: Observing Climate Change from a Midwestern Woodland, University of Iowa Press, 2016

America's Climate Century: What Climate Change Means for America in the 21st Century and What Americans Can Do about It, by Rob Hogg, Zion Publishing, 2013, a short but good book about climate science, climate consequences, politics and climate, and national climate action. Rob Hogg is a Sierra Club member and is currently serving in the Iowa Senate.

The Sixth Extinction: An Unnatural History by Elizabeth Kolbert, published by Henry Holt & Company, 2014. This non-fiction book is an excellent read. This is one of the most entertainingly catastrophic books yet.

The Burning Question: We Can't Burn Half the World's Oil, Coal, and Gas. So How Do We Quit? by Mike Berners-Lee and Duncan Clark, published by Profile Books in 2013. Discusses the mix of politics, psychology, economics and technology that might be needed to reverse the current fossil fuel path.

Paul Hawken, editor, Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming, Penguin Books, 2017. If you're looking for a summertime read that will make you feel like there's hope for humankind and our shared biosphere, this book is a good choice.

This Is An Uprising by Mark Engler and Paul Engler, Nation Books, 2016, gives historical context to direct action and non-violent civil disobedience as a basis for our fight to save the planet. Please note that the Sierra Club National Chapter must sign off on any plans for civil disobedience actions conducted in the name of Sierra Club.

Against Doom: A Climate Insurgency Manual, by Jeremy Brecher, PM Press, 2017, a book describing a path forward for the climate fight. Please note that the Sierra Club National Chapter must sign off on any plans for civil disobedience actions conducted in the name of Sierra Club.

This Changes Everything: Capitalism vs. the Climate, by Naomi Klein, Simon & Schuster, 2014. Is climate justice compatible with a free market economy? Naomi Klein argues that, in order to combat climate change, *everything* must change.

Climate Of Hope: How Cities, Businesses, and Citizens Can Save the Planet by Michael Bloomberg and Carl Pope, St. Martin's Press, 2017. This represents one of the counter arguments to Klein's book, This Changes Everything: Capitalism vs. the Climate

## Websites

<https://skepticalscience.com/>

This website has material to debunk climate myths and misinformation.

<https://imagineiowa.uni.edu>

"Imagine Iowa: Ideas for a better future in an age of climate change" is an interactive web site about climate change created by students at the University of Northern Iowa in the Interactive Digital Studio class taught by Battina Fabos in conjunction with Kamyar Enshayan (Director of the Center for Energy and Environmental Education) and environmental activists Renata Sack and Margaret Whiting. It focuses on the effects of climate change on Iowa.

Yale Program on Climate Change Communication. See <http://climatecommunication.yale.edu/>  
You can join a mailing list at <http://climatecommunication.yale.edu/news-events/category/blog/>

The Global Education Project, see [www.theglobaleducationproject.org/climate-change/](http://www.theglobaleducationproject.org/climate-change/)

"Climate Change Statements from World Religions", The Forum on Religion and Ecology at Yale. See <http://fore.yale.edu/climate-change/statements-from-world-religions>

## Films

*Chasing Coral*, produced by, 2017, directed by Jeff Orlowski

*An Inconvenient Sequel: Truth to Power*, produced by Al Gore, 2017. Slides for the movie are found at [www.climaterealityproject.org/truth](http://www.climaterealityproject.org/truth)

*Before The Flood*, produced by and featuring Leonardo DiCaprio, 2016.

*Merchants of Doubt*, directed by Robert Kenner, 2014, based on Naomi Oreskes book of the same name, tells the story of Big Business-funded misinformation campaigns, from tobacco to climate change.

*Time To Choose*, directed by Charles Ferguson, 2016, gives a broad overview of the harm, both human and environmental, perpetrated by the fossil fuel and food industries worldwide, as well as a vision of hope.

"Solar 101", [www.youtube.com/watch?v=cF0Tk9o\\_rb0&feature=youtu.be](http://www.youtube.com/watch?v=cF0Tk9o_rb0&feature=youtu.be)

Sierra Club has launched a very special video in collaboration with Golden Globe-winning actor John Leguizamo called "Solar 101." The video is an explanation of how solar works, what net metering is, and it also shows how utilities fight against fair solar policies for their customers. Check out how solar and net metering works!

## Studies and Papers

Matto Mildenberger, Jennifer R. Marlon, Peter D. Howe, Anthony Leiserowitz, “The spatial distribution of Republican and Democratic climate opinions at state and local scales”, *Climatic Change*, 2017; 145: 539. <https://doi.org/10.1007/s10584-017-2103-0>

Sir Robert Watson, Dr. James J. McCarthy, Liliana Hisas, “The Economic Case for Climate Action in the United States”, The Universal Ecological Fund, September, 2017

Robert B. Jackson, Kate Lajtha, Susan E. Crow, Gustaf Hugelius, Marc G. Kramer, and Gervasio Pineiro, “The Ecology of Soil Carbon: Pools, Vulnerabilities, and Biotic and Antibiotic Controls”, *Annual Review of Ecology, Evolution, and Systematics*, 2017

James Hansen, Makiko Sato, Pushker Kharecha, Karino von Schuckmann, David J. Beerling, Cao, J., Shaun Marcott, Valerie Masson-Delmotte, Michael J. Prather, Eelco J. Rohling, Jeremy Shakun, Pete Smith, Andrew Lacis, Gary Russell, and Reto Ruedy, “Young people's burden: requirement of negative CO<sub>2</sub> emissions”, *Earth System Dynamics*, July 18, 20. <https://doi.org/10.5194/esd-8-577-2017>

U.S. Global Change Research Program (USGCRP), 2017: *Climate Science Special Report: Fourth National Climate Assessment, Volume I* [Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, D.J. Dokken, B.C. Stewart, and T.K. Maycock (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, doi: [10.7930/J0J964J6](https://doi.org/10.7930/J0J964J6).

Donald Wuebbles, David Fahey, Kathleen Hibbard, et. al., “U.S. Global Change Research Program Climate Science Special Report (CSSR)”, 2017. See the draft at <https://assets.documentcloud.org/documents/3914641/Draft-of-the-Climate-Science-Special-Report.pdf>

The Iowa Climate Statement. In 2017, the statement focused on increased humidity and its effects. Scholars from universities and colleges in Iowa have signed onto the Iowa Climate Statement every year it has been issued. To see the Iowa Climate Statements for this year and previous years, see <https://iowaenvironmentalfocus.wordpress.com/iowa-climate-statement/>

David Anderson, Matt Kasper, David Pomerantz, “Utilities Knew - Documenting Electric Utilities’ Early Knowledge and Ongoing Deception on Climate Change From 1968 - 2017”, The Energy and Policy Institute, July, 2017

“Climate Literacy – The Essential Principles of Climate Science, A Guide for Individuals and Communities”, US Global Climate Change Research Program, Washington, DC, March, 2009, [https://downloads.globalchange.gov/Literacy/climate\\_literacy\\_lowres\\_english.pdf](https://downloads.globalchange.gov/Literacy/climate_literacy_lowres_english.pdf).

Stephen J. Mayor, Robert P. Guralnick, Morgan W. Tingley, Javier Otegui, John C. Withey, Sarah C. Elmendorf, Margaret E. Andrew, Stefan Leyk, Ian S. Pearse and David C. Schneider, “Increasing phenological asynchrony between spring green-up and arrival of migratory birds”, *Scientific Reports* 7, Article number: 1902 (2017).

Mary Craighead, “Climate Change and Its Impact on Infrastructure Systems in the Midwest”, Midwest Economic Policy Institute, October 10, 2017

## Newspapers, Magazines, and Other Sources

Nathalie Baptiste, “This Map Shows Exactly How Many Republicans in Your District Don’t Believe in Global Warming”, *Mother Jones*, Nov. 29, 2017. See [www.motherjones.com/environment/2017/11/this-map-shows-exactly-how-many-republicans-in-your-district-dont-believe-in-global-warming/](http://www.motherjones.com/environment/2017/11/this-map-shows-exactly-how-many-republicans-in-your-district-dont-believe-in-global-warming/)

Thomson Reuters Foundation, “Better soil could trap more carbon”, *Cedar Rapids Gazette*, November 16, 2017

Chris Mooney, “After ditching Paris, Trump has another international climate decision to make”, *Ames Tribune*, November 24, 2017

Deborah Netburn, “Scientists aim to fight climate change with super plants”, *Los Angeles Times*, November 17, 2017

Jordan Yadoo, “These Are the Fastest Growing Jobs in the U.S.”, *Bloomberg.com*, October 24, 2017, see <https://www.bloomberg.com/news/articles/2017-10-24/health-care-stem-jobs-among-fastest-growing-u-s-occupations>

“Here’s Where Winters Are Warming the Most”, *Climate Central*, November 29, 2017, [www.climatecentral.org/gallery/maps/heres-where-winters-are-warming-the-most](http://www.climatecentral.org/gallery/maps/heres-where-winters-are-warming-the-most)

Jackie Flynn Mogensen, “The United States and Syria Are All Alone When It Comes to the Paris Climate Agreement”, *Mother Jones*, October 24, 2017

Rob Jordan, “Soil holds potential to slow global warming, Stanford researchers find”, *Stanford News Service*, October 5, 2017

Reuters, “Report: Humans cause climate change”, *Cedar Rapids Gazette*, November 4, 2017

Eric Holthaus, “Harvey and Irma aren’t natural disasters. They’re climate change disasters.” *Grist*, September 11, 2017, <http://grist.org/article/harvey-and-irma-arent-natural-disasters-theyre-climate-change-disasters/>

“Study blames methane increase on belching cows”, *Cedar Rapids Gazette*, September 30, 2017, reprinted from the *Washington Post*.

Katelyn Weisbord, “Area Meteorologists Tread Carefully On Climate Change”, *The Daily Iowan*, October 17, 2017

Marianne Lavelle, “Coal Boss Takes Climate Change Denial to the Extreme”, *Inside Climate News*, October 11, 2017, available at <https://insideclimatenews.org/news/11102017/climate-denial-coal-industry-global-warming-robert-murray-energy>

Angie Schmitt, “U.S. DOT Gets Swept Up in Trump’s Climate Denial Binge”, *Streetsblog USA*, October 17, 2017, found at <https://usa.streetsblog.org/2017/10/17/u-s-dot-gets-swept-up-in-trumps-climate-denial-binge/>

Leo Gerard, “Workers Want a Green Economy, Not a Dirty Environment”, *The Progressive Populist*, July 1-15, 2017, Leo is the International President of the United Steelworkers.

Lisa Friedman, “Scientists Fear Trump Will Dismiss Blunt Climate Report”, *The New York Times*, August 7, 2017. This article has a link to the draft climate report written by scientists employed by several federal agencies. See [www.nytimes.com/interactive/2017/08/07/climate/document-Draft-of-the-Climate-Science-Special-Report.html](http://www.nytimes.com/interactive/2017/08/07/climate/document-Draft-of-the-Climate-Science-Special-Report.html)

Coral Davenport and Eric Lipton, “How G.O.P. Leaders Came to View Climate Change as Fake Science”, *The New York Times*, June 3, 2017

Rod Boshart, “Iowa scientists find increasing humidity”, *Cedar Rapids Gazette*, August 10, 2017  
Bill McKibben, “100% is possible”, *In These Times*, September, 2017

“Climate change and hurricanes”, *Cedar Rapids Gazette*, August 26, 2017, reprinted from the *Washington Post*.

Teve Rathje, “The power of framing: It’s not what you say, it’s how you say it”, *The Guardian*, July 20, 2017, [www.theguardian.com/science/head-quarters/2017/jul/20/the-power-of-framing-its-not-what-you-say-its-how-you-say-it](http://www.theguardian.com/science/head-quarters/2017/jul/20/the-power-of-framing-its-not-what-you-say-its-how-you-say-it)

“Hot times may be ahead, Three-quarters of world’s population could face deadly heat waves by 2100”, *Cedar Rapids Gazette*, June 22, 2017, Reprinted from the *Washington Post*.

“Experts fear ‘quiet springs’, some songbirds can’t keep up with climate changes”, *Cedar Rapids Gazette*, May 21, 2017, reprinted from the *Washington Post*.

David Wallace-Wells, “The Uninhabitable Earth”, *New York Magazine*, July 10, 2017. This article is a terrifying wake-up call.

Jason Mark, “Fear Factor: A Defense of NEW YORK’s Climate Doom Cover Story”, July 14, 2017. This is a response to public comments about the David Wallace-Wells article “The Uninhabitable Earth”. See it at [www.sierraclub.org/sierra/fear-factor-defense-new-yorks-climate-doom-cover-story](http://www.sierraclub.org/sierra/fear-factor-defense-new-yorks-climate-doom-cover-story)

Robert Hunziker, “Early-Stage Antarctica Death Rattle Sparks NY Times Journalists Trip”, *CounterPunch*, May 19, 2017, <http://www.counterpunch.org/2017/05/19/early-stage-antarctica-death-rattle-sparks-ny-times-journalists-trip/>

## **Keep learning. Keep thinking. Keep Acting.**