BOOKS ON WARMING/WEATHER
EXTREMES, PREVENTION, MITIGATION,
ADAPTATION, URGENCY. Compiled by Dick Bennett. (ENERGY and WARS AND WARMING SEPARATE LISTS AT END) Compiled by Dick Bennett 8-2-11 (incomplete, ongoing), annotations by Dick unless otherwise indicated. Asterisk* denotes book discussed in an OMNI Forum. Consider this a developing biblio. free to all: send additions and comment to Dick jbennet@.com

-- Richard Alley, The Two Mile Time Machine (Art: too scientific for some, but just right for some others)

-- "Radiation and Reason--The Impact of Science on a Culture of Fear," by Prof. Wade Allison . Book suggested by Gary: “You may find a bit more about the book and the author [here].” See Furber on nuclear power. See Michaels and other books on science denial.

--Angus, Ian. Facing the Anthropocene: Fossil Capitalism and the Crisis of the Earth System. Monthly Review, 2016. Outstanding, because it not only surveys the symptoms and urgency of climate change but also the causes in our economic and energy systems. A reader of this book will possess a power deep and wide for resistance. --Dick

--Angus, Ian. Climate and Capitalism. A case for eco-socialism (See rev. below.) See: Williams. (Dick: Angus alas has a new book denying the crucial importance of population growth!)

*--Archer, David. The Long Thaw: How Humans Are Changing the Next 100,000 Years of Earth’s Climate. Princeton UP, 2009. Dick: Like the other books, this one describes what is likely to happen, but also the changes expected over many centuries. Hansen praised the book highly. Art: This is somewhat science oriented, would be enjoyed by a scientist, engineer, etc. James Hansen, director of the NASA Goddard Institute for Space Studies: “This is the best book about carbon dioxide and climate change that I have read.” Steve Boss: “Not only are massive climate changes coming if we humans continue on our current path, but many of these changes will last for millennia….This is the book for anyone who wishes to really understand what cutting-edge science tells us about the effects we are having, and will have, on our future climate.” Richard Alley.


Bennholdt-Thomsen and Mies, Maria. *The Subsistence Perspective: Beyond the Globalised Economy*.

Berry, Thomas. *The Dream of the Earth* and *The Great Work*.

Bertel, Rosalie. *Planet Earth: The Latest Weapon of War*. Black Rose Books, 2001. The increasingly destructive effects of weaponry and wars. The quest for military dominance has destabilized the balance of the earth’s ecosystem. We need a return to the UN for international cooperation against the causes and effects of climate change. (Ref. Dick’s UN and Climate doc). See on climate and military: Branagan, Dyer, Parenti, Paskal, Sanders.


Bloomberg, Michael and Carl Pope. *Climate of Hope: How Cities, Businesses, and Citizens Can Save the Planet*. St Martin’s, 2017. “…it’s time for a new type of conversation about climate change that reverses all the usual ways of looking at the issue. Instead of debating long-term consequences, let’s talk about immediate threats. Instead of arguing about making sacrifices, let’s talk about how we can make money. Instead of pitting the environment versus the economy, let’s consider market principles and economic growth” (3).

Bovard, James. *Attention Deficit Democracy*. Palgrave, 2005. Why the public ignores political and corporate frauds and swallows pervasive lies, why they are indifferent to facts and increasingly incapable of judging when their rights and liberties are being destroyed. Author also of *Lost Rights*. See Oreskes & Conway, *Merchants of Doubt* and other books on contrarians and deniers.


the other solutions. This book was the subject of the Oct. 2011 Forum/CC Book Club
sponsored by FPL and OMNI.

excellent teaching manual that helps the reader reconnect deeply with nature. Tom Brown
was trained by a Native American mentor and all of his books are excellent for learning about
survival skills in wilderness and in the city.


--**Casten**, Thomas R. *Turning Off the Heat: Why America Must Double Energy Efficiency to
Save Money and Reduce Global Warming*. Prometheus, 1998. Notable for having been
published so early, and in fact he had started his warnings about C02 in 1975, and in 1976
began teaching how to make a profit from C02 emissions (see article in *Skeptical Inquirer*

must be limits to our tremendous appetite for energy, natural resources, and consumer goods. And for
years some biologists have warned us of the direct correlation between scarcity and population
growth. These scientists see an appalling future riding the tidal wave of a worldwide growth of
population and technology. Other books on population:

-- *Characterizing Risk in Climate Change Assessments: Proceedings of a Workshop*. The U.S. Global
Change Research Program (USGCRP) was established in 1990 to “assist the Nation and the world to understand, assess,
predict, and respond to human-induced and natural processes of global change

--**Collectif Argos**. *Climate Refugees*. MIT, 2010. (Orig. Fr. Ed. 2007). See Dyer, Flannery,
Parenti, Paskal. By 2050, 150 million climate *refugees*. This book studies the first of these
refugees resulting from permafrost melt in Alaska, island nations being submerged, Chad and
China desertification, floods in Bangladesh, glacial melt in Nepal, hurricanes USA.

Be Done About It*. 2011. “Collier examines the economics, politics, and ethics of natural
resource use, in particular as these affect poor nations. The so-called "resource curse" is
analyzed, to understand the oft-repeated phenomenon of extractive industries leaving
resource-rich yet poor countries, resource-poor and impoverished.” (Gary K) One of the four
goals of Lester Brown’s Plan B is “eradicating poverty.” (Dick. See Catton on population.)

--**Collier**, Paul. *The Plundered Planet: Why We Must—And How We Can—Manage Nature
for Global Prosperity*. 2010. " I particularly enjoyed his description of environmental
romanticism vs. plundering profit motive, and how we must move to the center of those two
poles by basing our use of natural resources and ecosystem services on a truly ethical and
sustainable framework. His high-flying nations-at-a-glance perspective is valuable, as are his
insights into the workings, and failings, of governments and societies.". Those with a keen
interest in the plight of the poor nations and intergenerational justice may enjoy this book,
which is a follow-up to Collier's very popular and well-regarded book, "The Bottom Billion."


--Coyne, Kelly and Erik Knutzen. *The Urban Homestead: Your Guide to Self-Sufficient Living in the Heart of the City*.


--*Abundance* by Peter Diamandis & Steven Kolter. Interview with Peter Diamandis follows: [http://singularityu.org/content/wwnpeterdiamandis/](http://singularityu.org/content/wwnpeterdiamandis/) The book offers ideas that suggest hope for solving what seem insurmountable problems. Emphasis is on solutions.


--*The Power of Habit* by Charles Duhigg. Why we do what we do in life and business. See books on reason.

*--Dianne Dumanoski. *The End of the Long Summer---Why We Must Remake Our Civilization to Survive on a Volatile Earth*. 2009. (Dec. 2, 2012, Neath). This seems to be an intro. to cc, covering subjects already well discussed in previous books (reduce, reuse, recycle; resilience), but though it may be preaching to the OMNI350 choir, it gives us an opportunity to reach out to the audience still beginning (majority?). Art gave it high praise. See publisher’s review below.

--Dyer, Gwynne. *Climate Wars: The Fight for Survival as the World Overheats*. 2010. Warming will increase militarism and wars. Without drastic reduction in C02 the planet will heat 4 degrees by 2060, so Dyer advocates geoengineering—e.g. Solar Radiation Management—to give us time. (See: Bertel, Parenti, Paskal.)


--Tim Flannery. *The Weather Makers*. 2007. Dick: This is the first book I read giving facts of climate change and consequences; for example, the inevitable submersion of many Pacific islands and ensuing refugees.


--Thomas L. Friedman. *Hot, Flat, and Crowded: why we need a green revolution, and how it can renew America*. Art: This book is more about energy and "being green" than about global warming. It sends out a positive message that most people can identify with.


--Michael B. Gerrard (Editor). *Global Climate Change and U.S. Law*. First Edition. See Freeman and Gerrard, 2nd ed. (See Climate Law doc, Prof. Gosman; Mary C. Wood’s *Nature’s Trust*.


--Glendinning, Chellis. *When Technology Wounds. Off the Map. My Name is Chellis and I'm in Recovery from Western Civilization.*

--Goodell, Jeff. *How to Cool the Planet: Geoengineering and the Audacious Quest to Fix Earth’s Climate*.

--Gore, Al. *An Inconvenient Truth*. Gore’s book and film kick-started the warming awareness movement. OMNI (Kelly and Donna leaders) showed the film at the Fiesta Cinema and
handed out efficient light bulbs.


_____Assault on Reason. See Allison, Lynch.


*--Grain. 3/05/17 - *The Great Climate Robbery* by GRAIN - [https://www.grain.org/article/entries/5354-the-great-climate-robbery](https://www.grain.org/article/entries/5354-the-great-climate-robbery) - facilitated by Jeanne Neath


--Marc Gunther. *Suck It Up.* 2012. From Orlo Stitt: “It is easy reading and only a few hours to read it all. It will raise lots of interesting questions about what the situation is now, what should be done, and a “now, money doesn’t matter,” vision into what can or could be done to curb the rising concentrations of atmospheric CO2. The most interesting fact defined in the book for me is that very wealthy and prominent people, like Bill Gates, the Bronfman heirs and others, are investing heavily in startup companies that are mainly doing research on geo-engineering and/or massive mechanical/chemical systems/processes to remove, use, or dispose of giga-tons of CO2. Also, the entrepreneurs are highly educated, principally from MIT, Harvard, Yale, McGill, Stanford or elsewhere and are dedicated to finding solutions to a global problem that many people do not accept, perceive, or recognize as threatening. It will be a fun book to review with others. I know it is available on a Kindle Reader but do not know if available in hard copy or for iPads or iPhones? ” These hopes of 2012 were not realized. See more below.


--*Hansen, James. *Storms of My Grandchildren: The Truth about the Coming Climate Catastrophe and Our Last Chance to Save Humanity.* Bloomsbury, 2009. Art Hobson: The brave early truthteller, respected by all climate scientists. Dick: The science is there, and he also tells a fascinating political story of Bush Admin. successful denial and censorship (combined with the Koch network money and organization).


**Hawken, Paul.** *Drawdown: The Most Comprehensive Plan....* Penguin, 2017. 100 different ways to drawdown CO2 emissions used successfully around the world.

**Hay, William W.** *Experimenting on a Small Planet: A Scholarly Entertainment.* Springer, 2013. 983pp. Copy loaned to me by Malcolm Cleveland, purchased via Amazon. I asked him to have his Dept. order it; he said ok. 2nd ed. to appear March 2016.


Mother Nature has shown her hand. Faced with climate change, dwindling resources, and species extinctions, most Americans understand the fundamental steps necessary to solve our global crises: drive less, consume less, increase self-reliance, buy locally, eat locally, rebuild our local communities. [Extreme localism, when only national and international responses are necessary. --D.]


**Heinberg, Richard.**

*Powerdown.*

* 4/02/2017 - *Our Renewable Future.* 2016. [https://play.google.com/store/books/details?id=1y3JCwAAQBAJ&source=productsearch&utm_source=HA_Desktop_US&utm_medium=SEM&utm_campaign=PLA&pcampaignid=MKTAD0930BO1&gclid=CPOk7oDinNECFRDFZgqodWANpQ&gclsrc=ds&dclid=CMDJ8oDinNECFZcOgQod-sIFVg](https://play.google.com/store/books/details?id=1y3JCwAAQBAJ&source=productsearch&utm_source=HA_Desktop_US&utm_medium=SEM&utm_campaign=PLA&pcampaignid=MKTAD0930BO1&gclid=CPOk7oDinNECFRDFZgqodWANpQ&gclsrc=ds&dclid=CMDJ8oDinNECFZcOgQod-sIFVg)

facilitated by Chris McNamara


* The Party’s Over
* The Oil Depletion Protocol.
* Peak Everything.

* The End of Growth: Adapting to Our New Economic Reality.* New Society, 2011. This scholarly, compendious book is about energy and economics (Index has only a few references to climate change) and the “fifth great turning in human history….from fossil fueled, debt- and growth-based industrial civilization toward [he hopes] a sustainable, renewable, steady-state society.” We need a fully comprehensive book that combines the end of capitalism and of nature as we knew them! Brown is close. See Graetz. Two older


--Hertsgaard, Mark. Hot: Living Through the Next Fifty Years on Earth. Houghton Mifflin, 2011. (Steve Boss). Somber warnings as in all of these books—e.g., p. 69 2 degrees above preindustrial levels will be catastrophic; beyond a certain point adaptation impossible.


--Hocking, Colin, et al. Global Warming and the Greenhouse Effect. Rev. LHS GEMS, 1990. Great Explorations in Math and Science (GEMS), Lawrence Hall of Science, U. California at Berkeley. A textbook for grades 7 to 10. The earliest textbooks for youths on climate change of which I am aware. The authors acknowledge Richard Golden for taking “the initiative to develop this series of educational activities about global warming and the greenhouse effect in 1987. Why it took more than two decades for this knowledge to reach general public education is no mystery. By alphabetical accident the following book by Hoggan and Littlemore exposes the corporate, especially fossil fuels industry, campaign of confusion, denial, and delay.


Hopkins, Rob. The Transition Handbook: From Oil Dependency to Local Resilience (or other books about the Transition Town movement).


“John Houghton's market-leading textbook is now in full color and includes the latest IPCC findings, making it the definitive guide to climate change. Written for students across a wide range of disciplines, its simple, logical flow of ideas gives an invaluable grounding in the science and impacts of climate change and highlights the need for action on global warming. Is there evidence for climate changing due to human activities? How do we account for recent extremes of weather and climate? Can global electricity provision and transport ever be carbon free? Written by a leading figure at the forefront of action to confront humanity's most serious environmental problem. “From Amazon.


--Kellogg, Scott and Stacy Pettigrew. Toolbox for Sustainable City Living.

--Knechtel, John, ed. Air. MIT P, 2010. Writers, artists, and scholars consider the fragility of air, the ultimate commons.

--Kheng-Lian Koh (NUS, Singapore), Ilan Kelman (University College London, UK), Robert Kibugi (University of Nairobi, Kenya), Rose-Liza Eisma


--Little, Amanda. Power Trip: From Oil Wells to Solar Cells—Our Ride to the Renewable Future. HarperCollins, 2009. At one point Little condemns greenwashing and eschews half-measures (374-5), but mainly she asserts confidence in US ingenuity, creativity, and resilience to solve problems. First half of book traces how US became dependent upon fossil fuels—“clues to understand our future”; second half on how we can “change our future course.”


--Michael Löwy. Ecosocialism: A Radical Alternative to Capitalist Catastrophe (Haymarket, 2015). I prepared a study guide for the Forum members, and Jeanne, Lolly, Gladys, liked it; Jeanne rec. it for discussion.

Another stringent, dire warning; in 2009 I thought it was the darkest. Lovelock argues that climatic change is likely to lead to a hotter Earth able to sustain only a small fraction of the world's current population. From book jacket: “The global temperature is rising, the Arctic and Antarctic ice caps are melting….There is nothing humans can do to reverse the process; the planet is simply too overpopulated to halt its own destruction by greenhouse gases….In order to survive, mankind must start preparing now for life on a radically changed planet.” Perhaps Lovelock’s is the first book to make adaptation the primary goal.

--Lumborg.  Cool It. 2007. Former denier now affirms scientific consensus, but does not think it will have the catastrophic effects post 2007- IPCC reports describe.

---*Lynas, Mark.  Six Degrees: Our Future on a Hotter Planet.  National Geographic, 2008.  Chapter 1, One Degree rise centigrade, Chap. 2, Two Degrees…….

For general readers, it will wake people up. It tells us what will happen with 1 degree of warming, then with 2 degrees, ...and finally with 6 degrees. By about 3 degrees, things are getting really bad.

*-- Mark Lynas.  The God Species---Saving the Planet in the Age of Humans . This book is strongly recommended by Gary Kahanak: Lynas identifies the planetary boundaries which should not be exceeded if the biosphere is to continue to function reliably as in the past.  Nine planetary boundaries were settled on, and quantifiable limits were set for seven of these.  See separate doc on this book.  Gary’s fuller comments below.  (A directly clearer title would be:  The Growth Species, for the book is pro-growth (D)).


-- David MacKay.  Sustainable Energy—Without the Hot Air.  Gary: “This is an excellent treatment of energy policy for policymakers (which means it is comprehensible for beginners as well as experts). MacKay is a physics professor at Cambridge who tired of the misinformation and misconceptions driving energy policy, so he wrote this book to set the science straight. The primary goal of this book is to illustrate the physical limits of each form of power, renewable or otherwise, and relate that to the world’s demand for energy. The book is available in its entirety online free at www.withouthotair.com . I bought the book---it’s a masterwork, a great reference, and actually very accessible and fun to read. Some endorsements from the cover: "This remarkable book sets out, with enormous clarity and objectivity, the various alternative low-carbon pathways that are open to us."; "At last a book that comprehensively reveals the true facts about sustainable energy in a form that is both highly readable and entertaining."; “The book is a tour de force...As a work of popular science it is exemplary...For anyone seeking a deeper understanding of the real problems involved, it is the place to start.";"...a really valuable contribution...uses a potent mixture of arithmetic and common sense to dispel some myths and slay some sacred cows."

--Magdoff, Fred and John B. Foster.  What Every Environmentalist Needs to Know about Capitalism. Monthly Review P, 2011.  For environmentalists who imagine we can solve the ecological crisis
without confronting capitalism, and for all who still fail to recognize the crisis as the direst expression of the capitalist threat. See Foster and other books on capitalism: Sandel on market-system;

--Arjun Makhijani, Carbon-Free and Nuclear-Free: A Roadmap for U.S. Energy Policy. 2009. “We can eliminate carbon emissions from the US energy system by 2050 without relying on nuclear power, and we have a plan to do it! www.carbonfreenuclearfree.org/

*-- Michael Mann. The Hockey Stick and the Climate Wars: Dispatches from the Front Lines”. Columbia UP, 2012. Art: “…a leading climate scientist. I read the dust cover and a few excerpts, and am quite familiar with the history and the hoked up (by big oil) controversy surrounding the famous "hockey stick graph" showing temperature versus time during the past 2000 years. Big oil knows that if they can't suppress the scientific work about global warming, they're done for. I first started hearing this industry-inspired hokum a decade or so ago, from Bill Orton here in town. The book looks like a quite readable account of the climate wars, with plenty of insights into the influence of big oil and also plenty of social and scientific insights into global warming. It seems to be well written (I've read only a few excerpts so far) and directed at the general non-scientific public. I recommend it for one of our books at some point.” (See Michaels, Oreskes and Conway, et al.).

--Manno (see Princen).


--Martin, Pamela. Oil in the Soil: The Politics of Paying to Preserve the Amazon. Co-editor of Ending the Fossil Fuel Era (see Princen) and coauthor of An Introduction to World Politics: Conflict and Consensus on a Small Planet.


in this list promote localism. But see Greenberg below, who finds McKibben’s “elegant slowdown” to smallness only wishful thinking.


--Scott G. McNall. Rapid Climate Change: Causes, Consequences and Solutions. Routledge, 2011. This is short (91 pg, including bibliography, index and glossary), well documented (9 pg bibliography), and explores the psychology and sociology of denial along with the evidence for climate change and its causes. This is possibly the most succinct and thorough treatment of the subject that I have come across. Malcolm C

--Merkel, Jim. Radical Simplicity.

--David Michaels. Doubt is Their Product: How Industry Scientists Manufacture Uncertainty and Threaten Your Health. Oxford, 2008. See: Bovard, Attention Deficit Democracy; Grant, Denying Science; Hertsgaard, Hot; Hoggan, Climate Cover-Up; Michaels, Doubt Is Their Product; Milburn and Conrad, The Politics of Denial; Mooney, The Republican War on Science; Mooney and Kirshenbaum, Unscientific America; Orestes and Conway, Merchants of Doubt; Potter, Deadly Spin; Schneider, Science as a Contact Sport; Scott??; Siegel, False Alarm; Specter, Denialism.

--Mies, Maria and Shiva, Vandana. Ecofeminism.

--Milburn, Michael A. and Conrad, Sheree D. The Politics of Denial
http://www.amazon.com/Politics-Denial-Michael-Milburn/dp/026213330X

*--Monbiot, George. Heat: How to Stop the Planet from Burning. South End, 2009. Like so many of these authors, he sees us as the last generation that can prevent the conditions which would destroy human civilization, but we must act decisively quickly. This is the 2nd book I read on CO2 and planetary heating, and it had a stronger effect upon me than did Flannery’s probably because I was understanding the scientific discussions better, though some chapters were slow going. Full of arresting stories; for example, his chapter on the extraordinary quantity of CO2 produced by airplanes came as a surprise, since I had only read about pollution from cars before. Monbiot has spoken and written repeatedly that the 2007 IPCC report and his own book are too optimistic, but I think he was the first I encountered to urge a change in terminology from “warming” to “breakdown.”

-- The Republican War on Science by Chris Mooney. (See Hoggan, Michaels)
A stinging indictment of how the Republican Party has not only ignored science, but has used bad science to justify its political agenda. See Mooney’s 2012 The Republican Brain.


--Murphy, Pat. Community Survival Strategies for Peak Oil and Climate Change.


Discussed by Art H 2016.

*--Naomi Oreskes, Erik M. M. Conway. Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming. 2011. "Merchants of Doubt should finally put to rest the question of whether the science of climate change is settled. It is, and we ignore this message at our peril."-Elizabeth Kolbert. "Brilliantly reported and written with brutal clarity."-Huffington Post. Film based on book 2015.

Merchants of Doubt was one of the most talked-about climate change books of recent years, for reasons easy to understand: It tells the controversial story of how a loose-knit group of high-level scientists and scientific advisers, with deep connections in politics and industry, ran effective campaigns to mislead the public and deny well-established scientific knowledge over four decades. The same individuals who claim the science of global warming is "not settled" have also denied the truth about studies linking smoking to lung cancer, coal smoke to acid rain, and CFCs to the ozone hole. "Doubt is our product," wrote one tobacco executive. These "experts" supplied it. See Michaels.

--Oreskes, Science on a Mission: American Oceanography in the Cold War and Beyond (forthcoming)

plus the military machine as a major contributor of CO2 must be part of any comprehensive discussion. See Bertel, Branagan, Brown, Dyer, Paskal, Sanders. Discussed by Dick 2016.


--Pollack, Henry. *A World Without Ice.* Penguin, 2009. Excellent book on cause-effects: melting ice and rising seas. Esp. read Ch. 7 for a summary of the science of climate change focused on melting ice and the consequences to all people and animals on the planet. A good way to introduce the public to the reality of warming. See Ward.

Burton Richter, *Beyond Smoke and Mirrors* (Art: too scientific for some, but just right for some others).

-- Eric Pooley, *The Climate War.* . . . “A riveting tale, the very first account of the epic American Campaign to get serious about global warming.” Pres. Bill Clinton

--Potter, Wendell.


--*Rogers, Heather. *Green Gone Wrong: How Our Economy Is Undermining the Environmental Revolution.* Scribner, 2010. Critical author travels world investigating innovations intended to make the world more sustainable—organic gardens in N. Calif., green buildings in Germany, etc. (Pollock)

--Romm, Joseph. *Hell and High Water: The Global Warming Solution.* Harper, 2007. In a spirit of hopefulness he describes remedies, but if we haven’t made drastic changes by 2030s, he declares, CO2 likely to be over 450ppm and climbing, and our fate out of our hands. Even though this book was published in 2007 (and therefore written in 2006), it seems up-to-date, and that, his book reveals, is because a scientific consensus about warming existed by 2006. The book (like so many in this list) is very clear and frequently punctuated by gong after gong of reality.

--*Roston, Eric. *The Carbon Age: How Life’s Core Element Has Become Civilization’s Greatest Threat.* 2008. A history of carbon, of carbon chemistry and chemists, and of the increase of CO2 in the atmosphere and climate breakdown. Packed with interesting anecdotes, interspersed with explanation of the developing science, and moments of powerful summation. For example, this explanation of why I was uneasy about the Weather Channel’s air quality reporting never mentioning CO2: “The invisibility of carbon dioxide emissions to the naked eye itself is part of the reason it has been so easy for deniers to confuse the public about dangerous man-made global warming for more than twenty years.”(172 in the midst of an account of Charles David Keeling’s CO2 research); and Keeling’s empirical proof of the rise of CO2: “When Keeling’s first apparatus was set up at Mauna Loa, the reading was 313pp. Today it has passed 383ppm….Up it goes, 2ppm a year or so, and accelerating.”

-- Russell Dick. *Horsemen of the Apocalypse.* About the bad guys like the Koch brothers and more who are still pushing fossil fuels, know thine enemy.

--Sandel, Michael. *What Money Can’t Buy: The Moral Limits of Markets.* Farrar, Straus and Giroux, 2012. Rev. *The Humanist* (July-Aug. 2012). The US not merely has a market system, it is thoroughly, culturally a market system in which all aspects are “imperiously marketized” and commodified by the powerful interests that benefit from it. Solution? His *Liberalism and the Limits of Justice* (2009) is a “core text in liberal communitarian philosophy,” which asserts non-market values where in the public interest. [This and other critiques of free-market capitalism—esp. Magdoff and Foster-- should be part of our Forum’s effort to understand how to mitigate and adapt to climate change. D]


Schwartz, Judith. *Cows Save the Planet: And Other Improbable Ways of Restoring Soil to Heal the Earth*. 2013.

Schweiger, Larry. *Last Chance: Preserving Life on Earth*. Fulcrum, 2009. If CO2 is not checked, we will create irreversible temperature increases and destruction. This book is mainly about the many sources of reduction and extinction of many species (polar bears) and the expansion of others (pine beetles). The causes and effects of global warming on our ecosystems, especially wildlife, are a main but not the only subject. Proposes a plan of action for all citizens. Schweiger is the CEO of the National Wildlife Federation.

Schneider, Stephen: *Science as a Contact Sport: Inside the Battle to Save the Earth’s Climate*. In the 1970’s he became editor of the new Journal *Climate Change*


Shiva, Vandana. *Soil Not Oil*. Urges drastic changes in economic system esp.from corporate to small agriculture. See McKibben. Promotes the Universal Declaration on the Rights of the Earth.

Siegel, Charles. *Unplanning: Livable Cities and Political Choices* "Unplanning is a wonderful read! It is beautifully written, it takes up extremely important and timely topics, and it offers a new and concrete approach to democracy and sustainability. I enjoy going back almost at random to read and re-read pages and passages from it. It's very engaging and stimulating - and it should be read by every environmentalist." Prof. Charles Derber, author of Greed to Greed

Skrimshire, Stefan, ed. *Future Ethics: Climate Change and Apocalyptic Imagination*. Continuum, 2011. (See Greenberg below.)


Speth, James G. *The Bridge at the Edge of the World: Capitalism, the Environment, and Crossing from Crisis to Sustainability*. Yale UP, 2008. Important for grappling with capitalism as a major cause of warming and prevention of change. I recall Art saying this is excellent. It explains why capitalism is a root cause of climate collapse. “It was in the twentieth century, and especially since World War II, that human society truly left the moorings of its past and launched itself on the planet with unprecedented force.” See Shiva and many of these books. See: Magdoff, Rifkin, Shiva.

Stager, Curt. *Deep Future: The Next 100,000 Years of Life on Earth*. St. Martin’s, 2011. Dick: A bizarre vision at points; e.g. pointing out good news that the coal we save now will decrease the much worse ice age to come. He gives the LONG view.
-- Will Steffen, et al. 2004. *Global Change and the Earth System: A Planet Under Pressure.* “. . . the Earth System is now in a no-analogue situation, best referred to as a new era in the geological history of Earth, the Anthropocene” (81).


-- Raising Elijah: Protecting Our Children in an Age of Environmental Crisis by Sandra Steingraber

-- Strom, Robert. *Hot House: Global Climate Change and the Human Condition.*


-- Tokar, Brian. *Toward Climate Justice: Perspectives on the Climate Crisis and Social Change.* Communalism P, 2010. Rev. Z Magazine (May 2011). Review struggles with Tokar’s struggle to tell the truth, the scientific consensus about warming and the catastrophes coming, yet to offer hope for a transition toward a more harmonious, more humane, and ecological way of life. This is the struggle of most of these book.

-- Tumber, Catherine. *Small, Gritty, and Green: The Promise of America’s Smaller Industrial Cities in a Low-Carbon World.* MIT, 2011. How small to midsize Rust Belt cities can play a crucial role in forging a sustainable, relocalized future. Other books on contraction to local and smaller: Heinberg, McKibben, Seidl.


Global warming is one of today's greatest challenges. The science of climate change leaves no doubt that policies to cut emissions are overdue. Yet, after twenty years of international talks and treaties, the world is now in gridlock about how best to do this. David Victor argues that such gridlock has arisen because international talks have drifted away from the reality of what countries are willing and able to implement at home. Most of the lessons that policy makers have drawn from the history of other international environmental problems won't actually work on the problem of global warming. Victor argues that a radical rethinking of global warming policy is required and shows how to make international law on global warming more effective. This book provides a roadmap to a lower carbon future based on encouraging bottom-up initiatives at national, regional and global levels, leveraging national self-interest rather than wishful thinking.


-- Wagner and Weitzman. *Climate Shock.* 2015. On economics of cc. Publisher’s summary: In *Climate Shock,* Gernot Wagner and Martin Weitzman explore in lively, clear terms the likely repercussions of a hotter planet, drawing on and expanding from work previously unavailable to general audiences. They show that the longer we wait to act, the more likely an
extreme event will happen. A city might go underwater. A rogue nation might shoot particles into the Earth's atmosphere, geoengineering cooler temperatures. Zeroing in on the unknown extreme risks that may yet dwarf all else, the authors look at how economic forces that make sensible climate policies difficult to enact, make radical would-be fixes like geoengineering all the more probable. What we know about climate change is alarming enough. What we don't know about the extreme risks could be far more dangerous. Wagner and Weitzman help readers understand that we need to think about climate change in the same way that we think about insurance—as a risk management problem, only here on a global scale. Demonstrating that climate change can and should be dealt with—and what could happen if we don't do so—Climate Shock tackles the defining environmental and public policy issue of our time. Gernot Wagner is lead senior economist at the Environmental Defense Fund. He is the author of But Will the Planet Notice? (Hill & Wang). Martin L. Weitzman is professor of economics at Harvard University. His books include Income, Wealth, and the Maximum Principle. For more, see www.gwagner.com and scholar.harvard.edu/weitzman.


--*Ward, Peter. The Flooded Earth; Our Future in a World without Ice Caps. 2010. Rising seas, hungry millions, flooded cities—he describes a fearful future, if we do not act at once. (Fitzpatrick)

--Spencer Weart, The Discovery of Global Warming. 2008. Award-winning book Revised and Expanded Edition. In 2001 an international panel of distinguished climate scientists announced that the world was warming at a rate without precedent during at least the last ten millennia, and that warming was caused by the buildup of greenhouse gases from human activity. The story of how scientists reached that conclusion—by way of unexpected twists and turns—was the story Spencer Weart told in The Discovery of Global Warming. Now he brings his award-winning account up to date, revised throughout to reflect the latest science and with a new conclusion that shows how the scientific consensus caught fire among the general world public, and how a new understanding of the human meaning of climate change spurred individuals and governments to action. (Dick: How much of this publisher’s blurb is accurate?)

--Wilson, E. O. *Anthill, a Novel*. Norton, 2010. Pulitzer Prize-winning science writer weaves together the viewpoints of ants, developers, and environmentalists through the story of a young boy from Alabama who tries to save his beloved forest.

--Mary Christina Wood. *Nature's Trust: Environmental Law for a New Ecological Age*. 2013. For more see Climate Law doc. (Other books on climate and law: Gerrard,

**BIBLIOS ON WAR AND WARMING AND ON ENERGY**

Biblio on wars and warming is short because it is grossly understudied.

**BOOKS ON EMPIRE/MILITARISM/WARS as CAUSES OF WARMING/WEATHER/CLIMATE CHANGE/DESTRUCTION OF ENVIRONMENT** (another biblio. deals with warming as cause of wars). That so few books have been written about the catastrophic damage to the environment by militarism should come as a shock.


**BOOKS ON ENERGY (nuclear etc.) (asterisk = books chosen for Forum discussion).** Biblio on Energy is short because many related books appear in the main
A bibliography on nuclear power pro and con alone is book-length (two?!).


*---Heinberg, Richard.  *The End of Growth: Adapting to Our New Economic Reality.*  New Society, 2011.  We are reaching the end of conventional economic growth, and paths that formerly led to economic prosperity now lead to disaster.


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