

Digital Resources for Teaching the Environment, Sustainability, and Ecology in World History

Ancient cave art showed that humans did not regard themselves as the center of the natural world. Lascaux cave art showed how animals and the environment were the center of human life. The Neolithic Revolution saw a change over time as to the relationship between humans and the environment. Early Vedic shamans wrote poems on the power of forests and nature; Taoists and the Buddha shared a deep respect for the environment and nature. However, with the Neolithic Revolution, humans began moving from the Lascaux perspective of humans in a secondary role in the environment to viewing nature and the environment as real estate, “territory,” and property to be dominated and exploited; since then most historians wrote about the environment from this human-centered perspective. However, by the mid twentieth century, there evolved among many environmentalists in the United States a model for understanding global environmental history in terms of the interaction between humankind and the environment, which was soon adopted by most world historians.

The following digital resources reflect these shifts—these “changes over time”—in the historiography of the global environmental history. This database is divided into sections: Environmental Racism/Justice, Ecofeminism; Queer Ecology; Far Right Environmentalism; Global Sustainability and Environment Resources; Teaching Sustainability and Environmental History, with a sub-heading, Teaching the Environment and Collapse of Civilization Resources; Eco-Fiction/Climate Fiction; Environment/Nature in Art and Architecture; Religion and Environment; Digital Resources arranged by global regions, such as the Arctic, with sources arranged within regions chronologically using common world historian periodization; and, finally, Environment Journals/Websites.

As is always true of *World History Connected* databases, while many of the sites offered here have been chosen for their stability, many, such as exhibits, may no longer be available. In most cases, the solution for a site that is no longer “live” at that URL address, is to load

the title/subject of the item into a search engine, which may find that site at a new address, or find a similar resource. Readers should also note that, to answer any one broken link, multiple resources on each topic/subject have been provided.

Environmental Racism/Justice

[Green New Deal \(jacobinmag.com\)](https://jacobinmag.com)

Green New Deal series of articles, *Jacobin Magazine*, September 24, 2019. See articles on Green New Deal and environmental justice.

[“It’s Eco-Socialism or Death” \(jacobinmag.com\)](https://jacobinmag.com)

Interview with Kali Akuno, “It’s Eco-Socialism or Death,” *Jacobin Magazine*, February 15, 2019.

[\(\(99+\)\) \(PDF\) Anthropocene, Capitalocene, . . . Plantationocene?: A Manifesto for Ecological Justice in an Age of Global Crises | Janae Davis, Alex A Moulton, Levi Van Sant, and Brian Williams—Academia.edu](https://www.academia.edu)

Janae Davis, Brian Williams, et al., “Anthropocene, Capitalocene . . . Plantationocene?: A Manifesto for Ecological Justice in an Age of Global Crisis,” *Geography Compass*, 2019, 1–15. The Environmental Humanities movement has issued a new name for the Anthropocene/Capitalocene, which is “Plantationocene,” as the authors claim that the current ecological crisis was rooted in environmental modernism, homogeneity, and control as seen in historical plantations.

[Verso \(versobooks.com\)](https://versobooks.com)

Francoise Verges, “Is the Anthropocene racial?” *Verso Books*, August 30, 2017.

https://www.youtube.com/watch?v=SsWsRbKNOWM&mbid=&utm_source=nl&utm_brand=tny&utm_mailing=TNY_ClimateCrisis_091020&utm_campaign=aud-dev&utm_medium=email&bxid=5be9f9ee2ddf9c72dc887205&cndid=49038802&hasha=b40d1a77c0df567a38cffbca409f4f8b&hashb=fd4fd33fae428f2d1fb948811668f9593f53cbd1&hashc=5ec207574ef4589d1e341ed1fab245e089a7514f09946393ab3184e986b0fdf&esrc=subscribe-page&utm_term=TNY_ClimateCrisis

2:40 Song. “Too much oil,” Al Bedo and the Reflectors, published on You Tube, January 17, 2020.

<https://www.dw.com/en/why-nigerian-activist-ken-saro-wiwa-was-executed/a-18837442>

“Why Nigerian activist Ken Saro-Wiwa was executed,” Africa, *DW*, Germany, September 11, 2015. Ken Saro-Wiwa was executed by a former military regime in Nigeria for fighting for the rights of the Ogoni people in the face of oil company pollution and destruction of the ecosystem. Environmental Justice.

<https://www.africanews.com/2020/11/10/nigeria-s-niger-delta-25-years-after-saro-wiwa-s-execution/>

Jerry Fisayo-Bambi, "Nigeria's Niger Delta 25 years after Saro-Wiwa's Execution," *African News*, October 11, 2020. Climate activist and eight colleagues executed by Nigerian military regime due to their protests of oil pollution in their Ogoni homeland.

[National Geographic: Oil Drilling, Possible Fracking Planned for Okavango Region—Elephants' Last Stronghold—Laurel Neme](#)

Laurel Neme and Jeffrey Barbee, "Oil Drilling, Possible Fracking Planned for Okavango Region—Elephants' Last Stronghold," *National Geographic*, October 28, 2020, seen in Laurel Neme website. Environmental justice and racism in Namibia and Botswana, Africa.

<https://jacobinmag.com/2017/06/moby-dick-clr-james-mariners-renegades-castaways>

Justin Slaughter, "C.L.R. James in the Age of Climate Change," *Jacobin Magazine*, June 2017. What does C.L.R. James' reading and essay on *Moby Dick* tell us about ruling elites and climate change today? In 1952 Trinidad Socialist was detained on Ellis Island for his 1938, *The Black Jacobins*. While in detainment he wrote an essay on *Moby Dick*, ruling elites, and climate change.

https://carnegieeurope.eu/2020/10/19/eu-must-fight-collapse-of-biodiversity-pub-82986?utm_source=carnegieemail&utm_medium=email&utm_campaign=announcement&mkt_tok=eyJpIjoiWVRRNU9XRTVNakV5TmpBMiIsInQiOiJMcXZXR2prM0EwNkd6b3BkV2xCK1p2MFE5eXd1MytEdHdUV0pXczIzS2ZcEU5S29jY3BxWlBYRzYzRytaejhMblk3dEd5aVEwdVJQQmtvVFwvMG02QzN6M2RwN3NzampDYVwvZEZGYTdsTEhNcDV0KzZuNSt1V2lkdnNtXC9KRHN2ayJ9

Olivia Lazard, "The EU Must Fight the Collapse of Biodiversity," *Carnegie Europe*, October 19, 2020.

[Dr. Vandana Shiva and Feminist Theory | Conference on Earth Democracy: Women, Justice, and Ecology \(wordpress.com\)](#)

Rachel Brinker, "Dr. Vandana Shiva and Feminist Theory," Conference on Earth Democracy: Women, Justice, and Ecology, October 23, 2009. Dr. Shiva has described the "Green Revolution" as a misnomer used by US industrial agriculture and biological seed and chemical corporations to aggressively promote their products to farmers in the "third world." What results from this globalization economic system are growing potatoes in India that end up as french fries at a Detroit, Michigan, McDonalds.

[ap11_frq_world_history \(collegeboard.org\)](#)

AP World History 2011 Documents Based Essay Question, Green Revolution. Note Dr. Vandana Shiva, document 8.

[No19表表紙 \(ryukoku.ac.jp\)](http://ryukoku.ac.jp)

Shinya Ishizaka, "What has the Chipko Movement Brought about? Forest Protection Movement and Environmentalist Network Formation in India," Afrasian Centre for Peace and Development, Ryukoku University, Japan, 2009. Northern Indian women movement to protect trees beginning in 1973.

[In Conversation With Dr Vandana Shiva: Chipko Taught Me Humility \(feminisminindia.com\)](http://feminisminindia.com)

"In Conversation With Dr. Vandana Shiva: Chipko Taught Me Humility," *India Development Review, FII, Feminism in India*, October 15, 2019.

[Our unequal earth | Environment | The Guardian](#)

"Our Unequal Earth," Environment, *The Guardian*, December 2020. *The Guardian*, Our Unequal Earth environmental injustice series. See articles. Will have to register to read the many articles. It is free. See two examples below:

[‘Racism dictates who gets dumped on’: how environmental injustice divides the world | Environment | The Guardian](#)

Nina Lakhani, "Racism dictates who gets dumped on: how environmental injustice divides the world," Environment, *The Guardian*, October 21, 2019. Five "luminaries" describe racial and environmental justice in their world. Part of *Guardian* Our Unequal Earth series.

[The lost river: Mexicans fight for mighty waterway taken by the US | Environment | The Guardian](#)

Nina Lakhani, "The lost river: Mexicans fight for mighty waterway taken by the US," Environment, *The Guardian*, October 21, 2019. The Colorado Rivers serves over 35 million Americans before reaching Mexico, but it is dammed at the border, leaving locals on the other side with a dry delta.

<https://link.newyorker.com/view/5be9f9ee2ddf9c72dc887205cqp0t.e9x/5c109c99>

Bill McKibben, "The Climate Crisis," *The New Yorker*, September 3, 2020. Resources and articles on climate change, climate-denial, and environment journalist Amy Westervelt and "Drilled" podcast on climate-denial history and example of Chevron and Ecuador.

[Daily Newsletter \(newyorker.com\)](http://newyorker.com)

Bill McKibben, "The Climate Crisis," *The New Yorker*, December 2020. Continuing series on climate change globally by Bill McKibben. See many embedded links as to climate change, environmental justice, and environmental global history in our current era.

<https://link.newyorker.com/view/5be9f9ee2ddf9c72dc887205cz0e0.8vy/82078349>

Special Issue. "The Climate Crisis," *The New Yorker*, October 2020. Special issue beginning with a critique of the International Energy Agency annual report, 2020, with resources, podcasts, videos, studies, projects, articles that counter the IEA pro-fossil fuel point of view.

[Daily Newsletter \(newyorker.com\)](#)

Bill McKibben, Climate Crisis, Daily Newsletter, *The New Yorker*, January 2021. McKibben's thoughts on our current climate crisis continued in *The New Yorker*. See climate and environment justice news about Big Oil in Africa, US, etc.

[Amy Coney Barrett Should Recuse Herself from Big Oil's Supreme Court Case \(newyorker.com\)](#)

Bill McKibben, "Amy Coney Barrett Should Recuse Herself from Big Oil's Supreme Court Case," *The New Yorker*, Environment, January 14, 2021. See embedded links on global environment news in continuing *The New Yorker* series with environmentalist Bill McKibben.

[Can Green Energy Power the Cannabis Boom? \(newyorker.com\)](#)

Bill McKibben, "Can Green Energy Power the Cannabis Boom?" Environment series, *The New Yorker*, January 28, 2021. See comments on palm oil and problems it creates for the environment.

[Infographic: The Enormous Damage Palm Oil Causes to the Environment and Animals | Food Revolution Network](#)

Infographic. Lindsey Oberst, "Infographic: The Enormous Damage Palm Oil Causes to the Environment and Animals," *Food Revolution Network*, August 5, 2017.

[Planet Palm | The New Press](#)

Jocelyn Zuckerman, *Planet Palm*, *The New Press*. *Planet Palm*, 2021. History of palm oil and its destruction of the environment.

https://www.nytimes.com/interactive/2014/10/02/magazine/mag-oil-lawsuit.html?_r=1

Nathaniel Rich, "The Most Ambitious Environmental Lawsuit Ever," *The NY Times Magazine*, October 2, 2014.

https://www.criticalfrequency.org/drilled?mbid=&utm_source=nl&utm_brand=tny&utm_mailing=TNY_ClimateCrisis_090320&utm_campaign=aud-dev&utm_medium=email&bxid=5be9f9ee2ddf9c72dc887205&cndid=49038802&hasha=b40d1a77c0df567a38cffbca409f4f8b&hashb=fd4fd33fae428f2d1fb948811668f9593f53cbd1&hashc=5ec207574ef4589d1e341ed1fab245e089a7514f09946393ab3184e986b0fdf&esrc=subscribe-page&utm_term=TNY_ClimateCrisis

Podcasts. Amy Westervelt, "Drilled." Podcast series on fossil-fuel industry and origins of climate change-denial.

<https://lithub.com/the-history-of-pollution-through-a-political-lens/>

29:26 Podcast interview. "The History of Pollution Through a Political Lens," *Keen On Podcasts*, seen in *Literary Hub*, November 13, 2020. Andrew Keen interviewed Thomas Le Roux, *The Contamination of the Earth*, (2020) about pollution's direct link to global capitalism.

[Inside the C.I.A., She Became a Spy for Planet Earth—The New York Times \(nytimes.com\)](https://www.nytimes.com/2021/01/05/us/politics/cia-spy-planet-earth.html)

William J. Broad, “Inside the CIA, She Became a Spy for Planet Earth,” *The New York Times*, January 5, 2021. Linda Zall worked anonymously inside the CIA to help scientists intensify their studies of a changing planet. Environmental justice via “environmental sleuthing”?

<https://chemicalsoup.wordpress.com/2009/03/18/review-of-homo-toxicus-a-documentary-film-by-carole-poliquin/>

Film Review. Lynn Argent, “Review of *Homo Toxicus*, a documentary film by Carole Poliquin, “*Living in a Chemical Soup* word press, March 18, 2009. Human degradation of the earth with chemicals over time.

https://uk.reuters.com/article/us-climatechange-pope/pull-investments-from-companies-not-committed-to-environment-pope-says-idUKKBN26V0XN?mbid=&utm_source=nl&utm_brand=tny&utm_mailing=TNY_ClimateCrisis_101420&utm_campaign=aud-dev&utm_medium=email&bxid=5be9f9ee2ddf9c72dc887205&cndid=49038802&hasha=b40d1a77c0df567a38cffbca409f4f8b&hashb=fd4fd33fae428f2d1fb948811668f9593f53cbd1&hashc=5ec207574ef4589d1e341ed1fab245e089a7514f09946393ab3184e986b0fdf&esrc=subscribe-page&utm_term=TNY_ClimateCrisis

Philip Pullella, “Pull Investments from companies not committed to environment, Pope says,” *Reuters*, UK, October 10, 2020. In a European speech to Committee of Experts of the Council of Europe at the Vatican Saturday, October 8, 2020, Pope Francis urged people to pull investments from corporations that do not support the environment.

https://lareviewofbooks.org/article/the-stories-michael-shellenberger-tells/?mc_cid=8fd26c00cf&mc_eid=e7469485ff

Book review. Sam Bliss, “The Stories Michael Shellenberger Tells,” *Los Angeles Review of Books*, October 6, 2020. Bliss criticized environmentalist Michael Shellenberger and his Breakthrough Institute, who wanted us to believe environmentalists are impeding our ability to solve environmental problems. Shellenberger’s most recent environmental book, *Apocalypse Never: Why Environmental Alarmism Hurts Us All*, Harper, 2020, 432 pages, reviewed by Sam Bliss. Note reference to 2004 Schellenberger and Ted Nordhaus essay, *The Death of Environmentalism—Global Warming Politics in a Post-Environmental World*, seen below:

https://s3.us-east-2.amazonaws.com/uploads.thebreakthrough.org/legacy/images/Death_of_Environmentalism.pdf

Michael Shellenberger and Ted Nordhaus, “The Death of Environmentalism—Global Warming Politics in a Post-Environmental World, 2004. Note Nordhaus and Shellenberger’s revisiting of this essay in Yale University presentation in 2011 seen below:

<https://thebreakthrough.org/issues/energy/the-long-death-of-environmentalism>

Michael Shellenberger and Ted Nordhaus, “The Long Death of Environmentalism,” The Breakthrough Institute, February 25, 2011. Shellenberger and Nordhaus revisited their 2004 essay, *The Death of Environmentalism*, seen above, at Yale University.

<https://thebreakthrough.org/articles/the-death-of-environmentalism>

The Death of Environmentalism, The Breakthrough Institute, June 16, 2010.

<https://thebreakthrough.org/>

The Breakthrough Institute—Technological Solutions to environment challenges, website, Oakland, California.

<https://lithub.com/category/newsandculture/climate-change/>

Amy Barber, "Climate Change," *Literary Hub*, October 5, 2020. See many articles on climate change and environmental justice.

[\(99+\) \(PDF\) A Permanent Struggle Against an Omnipresent Death; Revisiting Environmental Racism with Frantz Fanon | Romy Opperman—Academia.edu](#)

Romy Opperman, "A Permanent Struggle Against an Omnipresent Death: Revisiting Environmental Racism with Frantz Fanon," *Critical Philosophy of Race*, Vol. 7, Issue 1, 2019, 57–80, uploaded to *Academia* by Romy Opperman. Frantz Fanon and socio-ecological approach to racism and colonization labeled as "environmental racism."

<https://lithub.com/rev-william-j-barber-ii-on-the-scourge-of-environmental-racism/>

Reverend William J. Barber II, "On the Scourge of Environmental Racism," *Literary Hub*, August 25, 2020. Climate change is part of a much longer series of ecological catastrophes caused by colonialism.

[Fighting for green: People of color and environmental justice \(dailykos.com\)](#)

Denise Oliver Velez, "Fighting for green: People of color and environmental justice," *Daily Kos*, July 28, 2013. Environmental Green groups still too white.

[Native cartography: a bold mapmaking project that challenges Western notions of place | Aeon Videos](#)

10:00 Video. "Counter mapping," *Emergence Magazine*, October 4, 2018, seen in *Aeon*, Videos. "More lands have been lost to Native Peoples probably through mapping than through physical conflict." Native cartography: a bold mapmaking project that challenges Western notions of place. See Zuni Mapping Project in *Emergence Magazine*: [Counter Mapping—Emergence Magazine](#)

https://www.nytimes.com/interactive/2020/08/06/climate/climate-change-inequality-heat.html?algo=als1&campaign_id=73&cmpid=73&emc=edit_ywp_20200814&instance_id=21288&module=newsletter-best-reads&nl=personalization&rank=1®i_id=48816259&segment_id=36137&user_id=b40d1a77c0df567a38cffbca409f4f8b

Somini Sengupta, "This Is Inequality at the Boiling Point," *NY Times*, August 7, 2020. Temperatures, climate change after 150 years of industrialization. Environmental racism and injustice.

<https://daily.jstor.org/environmental-racism-and-the-coronavirus-pandemic/>

Lina Zeldovich, "Environmental Racism and the Coronavirus Pandemic," *Daily JSTOR*, August 11, 2020. Latino and Black residents of the US have been three times as likely to become infected and nearly twice as likely to die from COVID-19.

https://www.jstor.org/stable/3132626?mag=environmental-racism-and-the-coronavirus-pandemic&seq=1#metadata_info_tab_contents

Robert D. Bullard, "Environmental Justice in the 21st Century: Race Still Matters," *Phylon*, Vol. 49, no. 3/4, Autumn–Winter, 2001, 151–71.

[How does philosophy explain what's wrong with gentrification? | Aeon Essays](#)

Daniel Putnam, "The harms of gentrification," *Aeon*, Essays, January 14, 2021. Exclusion of poorer people from their own neighborhoods is a social and philosophical problem.

[EcoEquity—Global economic justice as the key to emergency climate mobilization](#)

EcoEquity website focused on global climate and economic justice. Operated by Earth Island Institute, California, USA. Note Climate Equity Reference Project linked to this website efforts: [Climate Equity Reference Project](#)

[\(99+\) \(PDF\) The Capitalocene, Part I: on the nature and origins of our ecological crisis \(Published 2017\) | Jason W. Moore—Academia.edu](#)

Jason W. Moore, "The Capitalocene, Pt. 1: on the nature and origins of our ecological crisis," *The Journal of Peasant Studies*, Vol. 44, no. 3, 2017, 594–630, uploaded to *Academia* by Jason W. Moore.

[\(99+\) \(PDF\) The Capitalocene, Part II: Accumulation by Appropriation and the Centrality of Unpaid Work/Energy \(Published 2017\) | Jason W. Moore—Academia.edu](#)

Jason W. Moore, "The Capitalocene, Pt. II: Accumulation by Appropriation and the Centrality of Unpaid Work/Energy," *The Journal of Peasant Studies*, 2017.

[\(99+\) \(PDF\) The End of Cheap Nature or: How I Learned to Stop Worrying about 'the' Environment and Love the Crisis of Capitalism | Jason W. Moore—Academia.edu](#)

Jason W. Moore, "The End of Cheap Nature or: How I Learned to Stop Worrying about 'the' Environment and Love the Crisis of Capitalism," Ch. 13, in *Structures of the World Political Economy and the Future of Global Conflict and Cooperation*, Suter and Chase-Dunn, eds., January 2014, 286–314.

[\(99+\) \(PDF\) Introduction: A History of the World in Seven Cheap Things \(Raj Patel & Jason W. Moore\) | Jason W. Moore—Academia.edu](#)

Raj Patel and Jason W. Moore, eds., "Introduction: A History of the World in Seven Cheap Things," Introduction to *A History of the World in Seven Cheap Things: A Guide to Capitalism, Nature and the Future of the Planet*, University of California Press, 2017. uploaded to *Academia* by Jason W. Moore.

<https://core.ac.uk/download/pdf/62435599.pdf>

Robin L. Turner and Diana Pei Wu, "Environmental Justice and Environmental Racism: An Annotated Bibliography and General Overview, Focusing on US Literature, 1996–2002," Berkeley, CA: Berkeley Workshop on Environmental Politics, Institution of International Studies, University of California, Berkeley, 2002, seen in Butler University Libraries, 136 pages.

<https://www.nytimes.com/interactive/2020/06/05/climate/racism-climate-change-reading-list.html>

Somini Sengupta, "Read Up on the Links Between Racism and the Environment," *The New York Times*, June 5, 2020. A beginner's guide reading list on climate change and social inequalities.

https://www.ted.com/talks/heather_c_mcghee_racism_has_a_cost_for_everyone/footnotes?rss=172BB350-0205&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+TEDTalks_video+%28TEDTalks+Main+%28SD%29+-+Site%29&es_p=11808286

14:13 Ted Talk Video. Heather C. McGhee, "Racism has a cost for everyone," *Ted Talk Women* 2019. McGhee shared insights into how racism fuels bad policymaking and drains our economic potential with comments on climate and environmental injustice.

<https://www.theatlantic.com/politics/archive/2018/02/the-trump-administration-finds-that-environmental-racism-is-real/554315/>

Vann R. Newkirk II, "Trump's EPA Concludes Environmental Racism is Real," *The Atlantic*, February 28, 2018. A new report from the EPA found that people of color are much more likely to live near polluters and breathe polluted air. Note reference to Marvin Gaye's 1971 song, *Mercy Mercy Me (The Ecology)*.

<https://www.youtube.com/watch?v=30xLg2HHg8Q>

3:35 Video. "A Brief History of Environmental Justice," *ProPublica*, published on You Tube, August 4, 2017. US oriented.

[A Fierce Green Fire | Timeline of Environmental Movement and History | American Masters | PBS](#)

"A Fierce Green Fire: Timeline of Environmental Movement and History," *American Masters*, PBS, April 15, 2014. A timeline of key moments in environmental history and the environmental movement, including early writing, the first conservation groups, disasters, legislation, activism and more based on 2013 documentary film, *A Fierce Green Fire*, 1:40:00.

[Docuseek | A Fierce Green Fire \(docuseek2.com\)](#)

A Fierce Green Fire, *Docuseek*, see trailer for 2013 film and reviews.

<https://www.smithsonianmag.com/history/how-oil-spill-50-years-ago-inspired-first-earth-day-180972007/>

Lila Thulin, “How an Oil Spill 50 Years Ago Inspired the First Earth Day,” *Smithsonian Magazine*, April 22, 2019. February 1969, Santa Barbara, California oil spill inspired the first Earth Day.

[Restoring the Gulf: 10 Years After Deepwater Horizon Oil Spill | NOAA Fisheries](#)

“Restoring the Gulf: 10 Years After Deepwater Horizon Oil Spill,” *NOAA Fisheries*, April 13, 2020. Deepwater Horizon oil spill in the Gulf of Mexico, considered the largest US offshore oil spill in history, resulting in the tragic loss of human and marine life. Was environmental justice served?

[Environmental Justice and the BP Deepwater Horizon Oil Spill \(umn.edu\)](#)

Hari M. Osofsky, et al., “Environmental Justice and the BP Deepwater Horizon Oil Spill,” 20, *N.Y.U. ENVTL. L.J.*, 99, 2012, University of Minnesota Law School, Faculty Scholarship Repository. 104-page academic study of environmental justice and the BP Deepwater Horizon oil spill in the Gulf of Mexico.

[Special Report: Explosive Documents Reveal BP Behind Toxic Mauritius Oil Spill \(forbes.com\)](#)

Nishan Oegnarain, “Special Report: Explosive Documents Reveal BP Behind Toxic Mauritius Oil Spill,” *Forbes*, January 6, 2021. Indian Ocean dangerous and toxic oil spill. Environmental justice.

<http://www.environmentandsociety.org/arcadia/collection/global-environmental-movements>

“Collection—Global Environmental Movements,” *Arcadia*, Environment & Society Portal. Modern European global environmental movements focused on environmental justice and concerns over nuclear radiation and testing.

<https://blog.nwf.org/2020/06/juneteenth-a-celebration-of-freedom/>

Tiffany Carey, “Juneteenth: A Celebration of Freedom,” *The National Wildlife Federation Blog*, June 19, 2020. Environmental Equity, racial justice and environmental justice are intrinsically linked. See comments on Detroit, Michigan BioBlitz.

<https://www.shondaland.com/act/a32905536/environmental-justice-racial-justice-marginalized-communities/>

Reverend Lennox Yearwood Jr., “Climate Justice is Racial Justice, Racial Justice is Climate Justice,” *Shondaland*, June 22, 2020. Reverend Yearwood Jr. a leader of Hip Hop Caucus described his arrest for occupying a Chase bank in Washington D.C. in protest of their loans that prop up the fossil fuel industry and climate injustice.

<https://www.juancole.com/2020/07/congress-climate-environmental.html>

Misha Jones, “Dems in Congress Craft Net Zero Carbon Climate Plan, aiming at Environmental Justice,” *Cronkite News*, seen in *Informed Comment*, July 19, 2020. Environment, climate in south Phoenix with predominantly Hispanic and Black populations suffer temperatures that can be up to 13 degrees higher than locations just 2 miles away.

https://psyche.co/ideas/future-generations-deserve-good-ancestors-will-you-be-one?utm_source=Aeon+Newsletter&utm_campaign=6d2fef747d-EMAIL_CAMPAIGN_2020_07_20_01_06&utm_medium=email&utm_term=0_411a82e59d-6d2fef747d-68694909

Roman Krznicar, “Future generations deserve good ancestors. Will you be one?” *Psyche*, Ideas, July 20, 2020. Note British colonial attitude in Australia shaped by “terra nullius” or the earth as a “dump.”

<https://www.lrb.co.uk/the-paper/v38/n11/naomi-klein/let-them-drown>

Naomi Klein, “Let Them Drown—The Violence of Othering in a Warming World,” *London Review of Books*, June 1, 2016. See essay and podcast by Klein. Essay taken from 2016 Edward W. Said London Lecture. Edward W. Said’s neglect of environmentalism, Othering, and climate change. Klein is author of *This Changes Everything: Capitalism vs. the Climate*, 2014.

<https://truthout.org/audio/a-record-year-for-hurricanes-exposes-racial-disparities-on-the-gulf-coast/?eType=EmailBlastContent&eId=2b55c08a-17cd-4ec1-8b71-6aa3214c85f5>

40:37 Podcast interview. Mike Ludwig, “A Record Year for Hurricanes Exposes Racial Disparities on the Gulf Coast,” *Climate Front Lines* Podcast, in *Truthout*, November 14, 2020. Climate activist Hilton Kelley discussed deeply rooted racial disparities complicating disaster relief on the Gulf Coast. See *Climate Front Lines* Podcast home below:

<https://www.climatefrontline.com/#:~:text=The%20Climate%20Front%20Line%20Podcast%20is%20a%20show,who%20are%20closest%20to%20the%20climate%20front%20line.>

Climate Front Line podcast home.

[Solastalgia: Sadness Upon the Assault of Our Natural World—The Markaz Review](#)

Danielle Haque, “Solastalgia: Sadness Upon the Assault of Our Natural World,” *The Markaz Review*, January 15, 2021. The assault on our world water resources.

<https://www.youtube.com/watch?v=kD25aARfjBA>

1:09:49 Video. Naomi Klein, “This Changes Everything,” *Politics and Prose*, August 7, 2015 You Tube lecture based on Klein’s 2014 book *This Changes Everything* about climate change and how we think about social and economic inequalities.

[When Healing the Environment Means Hurting the Poor | Literary Hub \(lithub.com\)](#)

29:16 Podcast. "When Healing the Environment Means Hurting the Poor," *Keen On* Podcast, December 16, 2020. Andrew Keen interviewed Lucas Chancel, *Unsustainable Inequalities*.

[Unsustainable Inequalities—Lucas Chancel | Harvard University Press](#)

Lucas Chancel, *Unsustainable Inequalities*, Harvard University Press, 2020, 184 pages. Summary of book and link to webinar interview with Lucas Chancel, October 2020.

<https://lithub.com/sir-david-attenborough-nature-shows-that-prosperity-doesnt-mean-endless-expansion/>

Sir David Attenborough, "Nature Shows That Prosperity Doesn't Mean Endless Expansion," *Literary Hub*, November 9, 2020.

[Future generations deserve good ancestors. Will you be one? | Psyche Ideas](#)

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<https://www.thenationalnews.com/arts-culture/books/the-rise-and-fall-of-opec-is-essential-reading-to-understand-the-modern-energy-world-and-middle-east-1.966781>

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Chris Lukinbeal, "Cinematic Landscapes," *Journal of Cultural Geography*, Vol. 23, no. 1, Fall/Winter 2005, 3–22. In all types of film landscape and place give meaning to cinematic events and positions.

https://www.academia.edu/26069582/Imagining_Geographies_of_films?email_work_card=title

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https://www.academia.edu/7444309/Geography_and_Film_Oxford_Bibliographies_in_Geography

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5:21 video. R. Saravanan, "Extreme Weather," *TedEd Lessons*, published on You Tube, August 25, 2020. Difference between weather and climate.

<https://lithub.com/a-decaying-toxic-river-runs-through-it-on-mill-towns-and-populism/>
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<https://www.openbookpublishers.com/section/124/1>
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[The Magazine—Foreign Policy](#)

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[The 1.5-degree challenge | McKinsey](#)

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Oliver Bach, "The curse of white oil: electric vehicles' dirty secret," *The Guardian*, December 8, 2020. Lithium.

Teaching Sustainability & Environmental History

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22:10 Video Lecture. David Christian, “The History of Everything,” *TEDEd* 2011, Long Beach, California, February 2011. The video that launched Big History. This TED talk covered the universe’s 13.8-billion-year history in 18 minutes.

[Big History for the Era of Climate Change—The Solutions Journal](#)

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[Big History Project](#)

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Kevin Jon Fernlund, “The Great Battle of the Books between the Cultural Evolutionists and the Cultural Relativists: from the Beginning of Infinity to the End of History,” *Journal of Big History*, Vol. 4, no. 3, 2020, 6–30. Note relation to Big History which seeks to unite natural and human history and biology and culture. Fernlund described European and American Age of Enlightenment through neo-Hegelianism of Francis Fukuyama.

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Lucas Stephens, Erle Ellis, and Dorian Fuller, “The deep Anthropocene,” *Aeon*, Essays, October 5, 2020. Hunting and gathering change over time to agriculture transformed human societies, plant and animal populations, the makeup of the atmosphere, and the Earth’s surface.

[World History Connected | Vol. 17 No. 3 | Book Review \(uillinois.edu\)](#)

Book review. Thomas Anderson, *Humans Versus Nature: A Global Environmental History*, Daniel R. Headrick, 2020, 624 pages, seen in *World History Connected*, October 2020. Text-book for global environmental studies.

<https://serc.carleton.edu/integrate/index.html>

Teaching the environment and sustainability, *Integrate*, Carleton College, Minnesota. A community program, a collaboration between faculty in the sciences and other disciplines, educational specialists and evaluation experts at a diverse group of institutions. See Integrate teaching materials: https://serc.carleton.edu/integrate/teaching_materials/index.html

[\(99+\) \(PDF\) Low-Cost Technology for Cultural Landscape Investigations with Students | Scott Walker—Academia.edu](#)

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<https://cft.vanderbilt.edu/guides-sub-pages/teaching-sustainability/>

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<https://sustainabledevelopment.un.org/content/documents/926unesco9.pdf>

Education for Sustainable Development, Sourcebook, United Nations Education, Science, and Cultural Organization, 2012, 51 pages.

[1-2-3-Presentations-Bananas.pdf \(asu.edu\)](#)

Lesson Plan. “1-2-3 Presentations—Bananas,” Walton Sustainability Solution Initiatives, Arizona State University, June 2016. Note reference to 3 pillars of sustainability. Those 3 pillars would be environment, society, and economy.

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<https://whfua.history.ucla.edu/shared/themes.php#ThreeEssentialQuestions>

World History for us All website, UCLA Department of History curriculum. Note lessons and curriculum are focused on three Essential Questions with first being Humans and the Environment.

[Scholarly Essays—Jason W. Moore](#)

Jason W. Moore, “Scholarly Essays,” February 14, 2019. See articles, monographs and papers on nature, the environment and world history. Note tabs at top of this page, especially Video, Short Essays, and World-Ecology Research Network.

[Video—Jason W. Moore](#)

Jason W. Moore, “Video,” July 2019. Videos on nature, the environment.

[\(99+\) World-Ecology Research Papers—Academia.edu](#)

“World Ecology Research Papers,” *Academia.edu*. Scroll down page to “Next” tab to see many more world ecology papers.

<https://www.loc.gov/resource/cph.3g03245/>

The Grand Canon, Yellowstone/TM (Thomas Moran); Prang’s American Chromo,” Library of Congress. See lesson plans on mid-right of this page.

<https://lithub.com/teaching-climate-change-with-the-lorax-and-the-jungle/>

Mark Gozonsky, “Teaching Climate Change With *The Lorax* and *The Jungle*,” *Literary Hub*, October 21, 2019.

<https://u.osu.edu/globalteacherseminar/environment-east-asia/>

“Environment—East Asia, Global Teacher Seminars,” The Ohio State University. See tabs at top of page for other world “Regions” environment resources and “Teacher Resources.” Many environment and sustainability digital resources and lessons.

<https://www.onecommunityglobal.org/nature-lesson-plan/>

“Nature Lesson Plan: All Subjects, Any Age, Any Learning Environment,” Open Source and Free-shared One Community, Global. Lessons for all subjects with the central theme of “Nature” as context.

<https://www.indianoceanhistory.org/Lesson-Plans/Health-and-Science.aspx>

See Oman Environment lesson, *Indian Ocean in World History website*, Health and Science, Sultan Qaboos Cultural Center, 2020. Epidemiology Across the Indian Ocean (High School and Advanced Placement/IB—International Baccalaureate history courses) and Environment, Wildlife and Conservation in Oman (Elementary and Middle School).

https://worldhistoryconnected.press.uiillinois.edu/13.3/forum_02_maunu.html

“Digital Resources for Teaching the Silk Road in World History,” *World History Connected*, Vol. 13, no. 3, October 2016. 1000 CE–1400 CE.

[The history of the world according to corn—Chris A. Kniesly—YouTube](#)

5:22 animated video. “The history of the world according to corn,” by Chris A. Kniesly, Ted Ed Lessons, published on You Tube, November 26, 2019. 9000-year-old history of the domestication of corn, or maize, and its effects on global agriculture.

[TeacherServe Site Guide, National Humanities Center](#)

See environment resources for American history. TeacherServe, National Humanities Center. Note two other sites within TeacherServe below:

[The Columbian Exchange, Native Americans and the Land, Nature Transformed, TeacherServe, National Humanities Center](#)

“The Columbian Exchange, Native Americans and the Land, Nature Transformed,” TeacherServe, National Humanities Center. See many resources and essays on American environmental history with focus on Columbian Exchange from indigenous and European perspectives.

[TFI Daily News—How Disease and Conquest Carved a New Planetary Landscape \(tfionline.com\)](#)

Simon L. Lewis and Mark A. Maslin, “How Disease and Conquest Carved a New Planetary Landscape,” *TFI Daily News*, August 24, 2018. Effect of the Columbian exchange on North America and the world. Article originally seen in *The Atlantic*.

[Nature Transformed: The Environment in American History, TeacherServe, National Humanities Center](#)

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[Beyond Europe’s Cold Winters: Globalizing the Little Ice Age—Liberating Narratives](#)

Bram Hubbell, “Beyond Europe’s Cold Winters: Globalizing the Little Ice Age,” *Liberating Narratives blog*, February 2, 2019. See resources for teaching the Little Ice Age (16th–19th centuries, with some claiming 1300–1850).

[What We Can Learn from a Pair of Skating Owls: Teaching the Little Ice Age in World History Classes and its Importance for Today—Liberating Narratives](#)

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Elizabeth Kolbert, “Annals of a warming planet: Three scenarios for the future of climate change,” *The New Yorker*, October 5, 2020.

<http://www.informationclearinghouse.info/55667.htm>

Peter Koenig, “The Insanity of Sustainability in Environment Protection,” *Information Clearing House*, October 1, 2020. Koenig claimed that “sustainability” is a big lie bandied about by elites and environmental discussions.

<https://www.morningsidecenter.org/teachable-moment/lessons/indigenous-peoples-defense-water-and-life>

Adriana Guzman, "Indigenous People's Defense of Water and Life," *Morningside Center*, October 6, 2020. See two short video film clips on Indigenous people and water and lesson plan to accompany them. See more:

<https://www.morningsidecenter.org/stories-voices/acknowledging-and-expressing-gratitude-indigenous-peoples>

["The Ecological Indian" and the History of Environmental Ideas | The Disorder Of Things](#)
Philip Conway, "The Ecological Indian and the History of Environmental Ideas," *The Disorder of Things*, November 14, 2017. How the term "environment" became a European concept around 1910 replacing indigenous cosmologies and attitudes toward the environment and ecosystems.

<http://www.openculture.com/environment-free-online-courses>

Environment & Natural Resources: Free Online Courses, Open Culture. Many environment and natural resources college and university lectures.

<https://newbooksnetwork.com/category/science-technology/environmental-studies>

Podcasts. "Environmental Studies," *New Books Network*. Listen to podcasts, many on environmental themes in world history.

[\(99+\) \(PDF\) The challenge of oral history to environmental history | Brian Williams—Academia.edu](#)

Brian Williams, "The challenge of oral history to environmental history," *Environment & History*, 2018, 2–27. Uploaded to *Academia* by Brian Williams.

<https://environmentalhistory.net/teaching-eh/>

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<https://apcentral.collegeboard.org/courses/ap-environmental-science/classroom-resources>

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Views of Earth's landscape/environment: Compare Classical art and bird images to *Earthrise* 1968 NASA photos.

https://aeon.co/essays/the-ancient-world-teemed-with-birds-now-we-think-with-them?utm_source=Aeon+Newsletter&utm_campaign=f960d90209-EMAIL_CAMPAIGN_2020_08_24_02_43&utm_medium=email&utm_term=0_411a82e59d-f960d90209-68694909

Jeremy Mynott, "Birds are 'winged words,'" *Aeon*, Essays. Classical world, art, bird images, and the environment/landscape. Compare to NASA's 1968 photos "*Earthrise*."

<http://100photos.time.com/photos/nasa-earthrise-apollo-8>

"Earthwise," 1968 NASA photographs from space, 100 Photos, *Time*, 1968.

[Teaching Environmental Issues \(carleton.edu\)](#)

"Teaching Environmental Issues and the Affective Domain," compiled by Karin Kirk, Science Education Research Center (SERC), Carleton College, Minnesota, December 11, 2020. See articles, lessons for classroom use.

[Role-Playing Scenarios \(carleton.edu\)](#)

"Role-Playing Scenarios," Starting Point, Teaching Entry Level Gescience, Science Education Research Center (SERC), Carleton College, Minnesota.

<https://sustainability.asu.edu/sustainabilitysolutions/programs/teachersacademy/teacher-resources/>

"Teacher Resources," The Sustainability Teachers' Academy team, Rob and Melani Walton Sustainability Solutions Services, Arizona State University. Bell ringers, activities, lessons, videos for teaching sustainability.

<https://sustainability.asu.edu/sustainabilitysolutions/programs/teachersacademy/teacher-resources/>

"Teacher Resources," Global Futures, Rob and Melani Walton Sustainability Solutions, Arizona State University. Sustainability and World History Lessons and resources.

[Resources—Sustainability-based lesson plans for teachers \(asu.edu\)](#)

"Resources—Sustainability-based lesson plans for teachers," Sustainability, Rob and Melani Walton Global Futures, Arizona State University.

<http://www.latin-american.cam.ac.uk/culture/literary>

"The Politics of Nature in Latin American Culture," Centre of Latin American Studies, Cambridge University. See Teaching Schedule, Key Issues and Texts.

[Teach Climate Disobedience with a New Lesson \(constantcontact.com\)](#)

Teach Climate Disobedience with a New lesson. "No Option Except Escape: A Role Play on the Struggles of Climate Refugees," Zinn Project, January 2021. Role Play designed by students as part of World Oregon's Young Leaders Project, 2020.

<http://afe.easia.columbia.edu/geography/>

Note new Asia for Educators site for East Asia in Geographic Perspective with resources linked to AP, Pre-AP, and national standards, especially for AP—Human Geography, but I see much for APWH Modern. See Environment and Society resources for East Asia: <http://afe.easia.columbia.edu/geography/environment-society.html>

See lesson plans for elementary, middle and high school:

http://afe.easia.columbia.edu/main_pop/related/lessonplans.htm

<https://networks.h-net.org/h-environment>

H-Environment, H-Net. Supported by organizations of professional historians including the American Society for Environmental History and the European Society for Environmental History.

<http://climateandlife.columbia.edu/>

Center for Climate and Life, Columbia University. Website mobilizes scientists to understand how climate change impacts food, water, shelter, and energy.

<https://www.eh-resources.org/what-is-environmental-history/>

K. Jan Oosthoek, “What is Environmental History?” Environmental History Resources, January 3, 2005.

<https://www.bing.com/videos/search?q=what+is+environmental+history%3f&docid=608026627001092808&mid=2D0D1AF9D6EB211A6E6E2D0D1AF9D6EB211A6E6E&view=detail&FORM=VIRE>

10:11 Video. K. Jan Oosthoek, “Exploring Environmental History—What is Environmental History?” published on You Tube, January 24, 2014.

<https://muse.jhu.edu/article/750121>

Book Review. Frank Zelko, review of *A Primer for Teaching Environmental History: Ten Design Principles* by Emily Wakild and Michelle K. Berry, Duke University Press, 2018, 200 pages in *Journal of World History*, Vol. 31, no. 1, March 20 seen in *Project Muse*.

<https://www.bing.com/videos/search?q=sustainability+in+world+history&docid=608047264402311436&mid=694524B80583A824C06E694524B80583A824C06E&view=detail&FORM=VIRE>

42:14 Documentary. “Sustainability,” Systems Innovation, published on You Tube, August 20, 2019.

https://www.academia.edu/3640656/An_Historiography_of_Environmental_History

Richard D. Deverell, “An Historiography of Environmental History,” uploaded to *Academia* by Richard Deverell, December 5, 2012. See more resources on this topic to right of this page.

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Neil Alexander, "Conservation, Science, and Technology, 1800–2000," MA student Assignment–1, Kirori Mal College, University of Delhi, India, nd., 19 pages. A history of environment history.

<http://www.eolss.net/Sample-Chapters/C09/E6-156-01-00.pdf>

J.R. McNeill, "The Historiography of Environmental History," *Encyclopedia of Life Support Systems*, nd. 10 of 19 pages with lengthy bibliography.

<https://journals.sagepub.com/doi/pdf/10.1177/0022009411403298>

Sverker Sorlin, "The Contemporaneity of Environmental History: Negotiating Scholarship: Useful History, and the New Human Condition," *Journal of Contemporary History*, Vol. 46, no. 3, 2011, 610–630.

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Ursula Lehmkuhl, "Historicizing Nature: Time and Space in German and American Environmental Historiography," *Berg*, nd., uploaded to *Academia* by Ursula Lehmkuhl. Historians and Nature: Comparative Approaches to Environmental History.

<https://www.historians.org/publications-and-directories/perspectives-on-history/february-2017/getting-warmer-historians-on-climate-change-and-the-anthropocene>

Sadie Bergen, "Getting Warmer," *Perspectives on History*, AHA, February 1, 2017.

https://aeon.co/essays/what-can-an-embodied-history-of-trees-teach-us-about-life?utm_source=Aeon+Newsletter&utm_campaign=a522aa37fc-EMAIL_CAMPAIGN_2020_05_18_05_37&utm_medium=email&utm_term=0_411a82e59d-a522aa37fc-68694909

Dalia Nassar and Margaret M. Barbour, "Rooted," *Aeon*, Essays, May 18, 2020. What can an embodied history of trees teach us about life?

<https://twitter.com/i/status/1169039049312464896>

"Crown Shyness," posted on twitter September 3, 2019. See video photo of canopy of trees which have openings and channels inhibiting spread of leaf-eating insect larvae.

[What Is Crown Shyness? \(treehugger.com\)](#)

Angela Nelson, "What Is Crown Shyness?" *Treehugger*, May 2, 2019.

<https://lithub.com/when-scientific-data-shapes-climate-literature/>

Heather Houser, "When Scientific Data Shapes Climate Literature," *Literary Hub*, June 15, 2020. Houser claimed that, "Environmental writing is a crucible for the literary fusion of art and science." Teaching Climate/Environment Literature.

<https://www.zinnedproject.org/materials/thingamabob-game>

“The Thingamabob Game: A Simulation on Capitalism vs. the Climate,” Zinn Education Project. Middle school, high school simulation as to bigger-picture effects of manufacturing and pollution.

[New Lesson on Climate Refugees: “No Option Except Escape” \(constantcontact.com\)](#)

New Lesson on Climate Refugees: “No Option Except Escape,” *Zinn Education Project*, January 2021. Role play simulation.

See other simulated role play environment, climate change activities below this lesson.

[How can business survive climate change? | The Economist—YouTube](#)

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<http://campaign.r20.constantcontact.com/render?m=1101431245776&ca=a4ac3725-82af-4f29-8122-c2edb29bb613>

Environmental Role-playing activities, *Zinn Education Project*, July 2020. See Standing Rock, Tar Sands and Keystone XL Pipeline role-playing student exercises.

[Teach Climate Disobedience with a New Lesson \(constantcontact.com\)](#)

“Teach Climate Disobedience with a New Lesson,” *Zinn Education Project*, December 2020. Using *Necessity* in the classroom. Have to sign on and register to see all resources. It is Free.

https://www.youtube.com/watch?v=Iu4OdhjnN4I&feature=youtu.be&utm_source=newsletter&utm_medium=social&utm_campaign=weekly-newsletter&utm_source=TED-Ed+Subscribers&utm_campaign=bd82689d94-2013_09_219_19_2013_COPY_01&utm_medium=email&utm_term=0_1aaccce48-bd82689d94-49611245&mc_cid=bd82689d94&mc_eid=f1e9d32591

5:00 Video. Claire Wardle, “Can you outsmart a troll (by thinking like one)?” *Ted Ed*, Lessons, published on *You Tube*, October 29, 2020. Context of a mayoral election and green, environmentalism as a key issue. How to fight a disinformation campaign. See another *Ted Ed* video lesson to fight the burden of proof fallacy below:

https://www.youtube.com/watch?v=L9rkQJ91VOE&feature=youtu.be&utm_source=newsletter&utm_medium=social&utm_campaign=weekly-newsletter&utm_source=TED-Ed+Subscribers&utm_campaign=bd82689d94-2013_09_219_19_2013_COPY_01&utm_medium=email&utm_term=0_1aaccce48-bd82689d94-49611245&mc_cid=bd82689d94&mc_eid=f1e9d32591

4:23 animated video. Elizabeth Cox, “Can you outsmart the fallacy that started a witch hunt?” *Ted Ed* Video Lesson, published on *You Tube*, October 26, 2020. Burden of proof fallacy, which assumes that something is true unless proven false and relies on arguments from ignorance—It’s 1950 and anti-communist witch hunts. Burden of proof fallacy strategy has been used against environment and sustainability science.

https://aeon.co/videos/out-of-sight-above-us-swarms-of-insects-are-riding-their-own-mass-transit-system?utm_source=Aeon+Newsletter&utm_campaign=4dcbab3527-EMAIL_CAMPAIGN_2020_07_20_02_19&utm_medium=email&utm_term=0_411a82e59d-4dcbab3527-68694909

4:00 animated video. "Look up! The billion-bug highway you can't see," *Aeon*, Videos, July 10, 2015. Our environment is packed with airborne insects.

https://aeon.co/essays/fear-of-being-eaten-shapes-brains-behaviour-and-ecosystems?utm_source=Aeon+Newsletter&utm_campaign=9de555ac0a-EMAIL_CAMPAIGN_2020_10_05_02_30&utm_medium=email&utm_term=0_411a82e59d-9de555ac0a-68694909

Lesley Evans Ogden, "Being Eaten," *Aeon*, Essays, October 5, 2020. Fear of being eaten shapes brains, behaviour and ecosystems.

<https://historyandcivicsproject.sites.ucsc.edu/>

The History & Civics Project at UC Santa Cruz.

See 2 lessons seen in UC Santa Cruz History and Civics Project:

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[Humans, Nature, and the Environment | Sustainability at Harvard](#)

See more student essays. "Humans, Nature, and the Environment," Sustainability at Harvard taught by Martin Greenup.

<https://www.bing.com/videos/search?q=the+revenge+of+gaia&&view=detail&mid=6DC51A6DBE8D3CAC77866DC51A6DBE8D3CAC7786&&FORM=VDRVSR>

28:46 Video interview. "Gaia Hypothesis," *Naked Science*, published on You Tube, May 21, 2014 with Gaia author James Lovelock. Gaia as "earth system science."

[The Gaia hypothesis reimagined by one of its key sceptics | Aeon Essays](#)

W Ford Doolittle, "Is the Earth an organism?" *Aeon*, Essays, December 2020. The Gaia hypothesis reimagined by one of its key sceptics.

<https://themillions.com/2020/06/helen-macdonald-gets-political.html>

Daniel Lefferts, "Helen Macdonald Gets Political," *MM The Millions*, June 2, 2020. British Nature writer Helen Macdonald on nature and politics of environmental literature. Recent best sellers are *Vesper Flights* and *H is for Hawk*.

<https://green.harvard.edu/series/humans-nature-and-environment>

"Humans, Nature, and the Environment," Sustainability at Harvard, 2016–2019. See introductory essay by Martin Greenup, Preceptor in Expository Writing Program and eight outstanding student essays from his course, "Humans, Nature, and the Environment."

<https://hawaii.academia.edu/CraigSantosPerez>

Craig Santos Perez, Eco-poetry, Indigenous Chamorro (Guam) poetry, University of Hawaii, Manoa, *Academia*. See papers, monographs, articles.

[The poet Wendell Berry reflects on the sublime peace of escaping into wilderness | Aeon Videos](#)

1:00 Video. Wendell Berry, "The peace of wild things," *Aeon*, Videos, January 11, 2021. Berry, US writer, farmer and environmental activist's poem, *The peace of wild things*, 2012, reflected on the sublime peace of escaping into wilderness.

<https://forthewild.world/listen/craig-santos-perez-on-habitat-threshold-183>

51:08 Podcast interview. "Craig Santos Perez on Habitat Threshold," *For the Wild* Podcasts, May 20, 2020. Perez shared his latest book of eco-poetry, *Habitat Threshold*. Perez dealt with ecological collapse, his Guam Chamorro Indigenous background, and the ongoing legacy of capitalism, imperialism and colonization.

<https://forthewild.world/listen/>

For the Wild podcasts website.

<https://lithub.com/the-50-greatest-apocalypse-novels/>

Emily Temple, "The 50 Greatest Apocalypse Novels," *Literary Hub*, October 27, 2020. Environment and Disease themes.

<https://lithub.com/wonder-or-horror-on-the-dark-side-of-our-reverence-for-nature/>

Tyler Malone, "Wonder or Horror? On the Dark Side of our Reverence for Nature," *Literary Hub*, October 30, 2020. Eco-horror.

[On Translating the Little Known Italian Novel That Anticipated the Anthropocene | Literary Hub \(lithub.com\)](#)

Frederika Randall, "On Translating the Little Known Italian Novel That Anticipated the Anthropocene," *New York Review of Books*, seen in *Literary Hub*, December 7, 2020. Eco-fiction novel by Guido Morselli, *Dissipatio H.G.*, 1973.

[The Long Goodbye: Reconciling with the End of Nature < Literary Hub \(lithub.com\)](#)

Madeline Watts, "The Long Goodbye: Reconciling with the End of Nature," *Literary Hub*, January 14, 2021. Ecofiction author Madeline Watts described her childhood in Australia during growing heat and fires and move to NY City as climate crisis continued.

Environment/Nature in Art and Architecture

<https://www.theguardian.com/artanddesign/2019/dec/12/humans-were-not-centre-stage-ancient-cave-art-painting-lascaux-chauvet-altamira>

Barbara Ehrenreich, "Humans were not centre stage: how ancient cave art puts us in our place," *The Guardian*, Art, December 12, 2019.

[Ice Age art-making was a tactile, joyous exploration of the world | Aeon Essays](#)

Izzy Wisher, "Cave Art," *Aeon*, Essays, December 11, 2020. Ice Age art as a means of survival in a harsh environment.

[Happy New Year! Meet our new artist-in-residence + recap of 2020 collections \(mailchi.mp\)](#)

"Meet our new artist in residence," Arab American Museum, January 2021. Environmental artist Almgidad Aldikhairry, Sudanese artist, now living in the US, fights for environmental and climate justice.

[Artists Answer COVID-19—AramcoWorld](#)

Beliz Tecirli, "Artists Answer COVID-19," *Aramco World*, November/December 2020. Note Almgidad Aldikhairry as one of the artists mentioned in this article.

[National Museum of African Art | Earth Matters: Land as Material and Metaphor in the Arts of Africa / Earth Works \(si.edu\)](#)

“Earth Matters: Land as Material and Metaphor in the Arts of Africa,” *Earth Works*, National Museum of African Art and Smithsonian Gardens, nd. Three African artists land use art, environmental sustainability connection to hunger and political corruption. See live links at top of this page for more resources on environment art, sustainability, etc.

[The Era of Environmental Art | Widewalls](#)

Elena Martinique, “The Era of Environmental Art,” *Widewalls*, December 14, 2016. Nature and the environment ‘pictured’ in art over time such as cave wall paintings, megaliths, and stone circles.

[The Art of the Landscape: Landscape Art—A Timeline in Art History \(art-landscape.blogspot.com\)](#)

“Landscape Art—A Timeline in Art History,” *The Art of the Landscape blog*, January 11, 2010. See world landscape artists and movements over time, especially European and US.

<https://www.theartstory.org/movement/environmental-art/>

“Environmental Art,” *The Art Story*, 2020. Environmental Art movement begun in 1960’s. Euro-US focus.

https://aeon.co/essays/art-lessons-from-the-1970s-for-survival-in-an-ecologically-blighted-world?utm_source=Aeon+Newsletter&utm_campaign=fecf343ecc-EMAIL_CAMPAIGN_2020_10_26_04_19&utm_medium=email&utm_term=0_411a82e59d-fecf343ecc-68694909

W. Patrick McCray, “The art of survival,” *Aeon*, Essay, October 27, 2020. Eco-art and art lessons from the 1970’s for survival in an ecologically blighted world.

<http://conversations.africa.si.edu/themes/nature-as-metaphor/>

“Nature as Metaphor,” *Conversations*, Smithsonian National Museum of African Art, Exhibit, November 9, 2014 through January 24, 2016. African and American artistic engagement with the natural world, from naturalism to abstraction to surrealist meditations, reveals how nature serves as a rich source of metaphor in the arts.

[The Art of the Tang Dynasty—Ancient History Encyclopedia](#)

Mark Cartwright, “The Art of the Tang Dynasty,” *Ancient History Encyclopedia*, October 11, 2017. Art of the Tang dynasty (618–907 CE) began to explore new possibilities in materials and styles with landscape painting and ceramics. Listen to podcast of article also.

[pang_j_120214.pdf \(slu.se\)](#)

Junying Pang, “Ideas and Traditions behind Chinese and Western Landscape Design,” Independent Project, Swedish University of Agriculture Science, Department of Landscape Architecture, 2012, 44 pages.

[Authenticity in Japanese Landscape Design—Brooklyn Botanic Garden \(bbg.org\)](https://bbg.org)

David Slawson, “Authenticity in Japanese Landscape Design,” Brooklyn Botanic Garden, How-to-Gardening, March 1, 2001. Japanese landscape design as art. Note reference to Chinese landscape painter, Huo Hsi (1020–1090 CE).

[The Main Differences Between Chinese and Japanese Gardens—ShizenStyle](https://shizenstyle.com)

“The Main Differences Between Chinese and Japanese Gardens,” *Shizen Style*, March 12, 2019. Architecture and structures in landscape Asian garden designs.

<https://tang.skidmore.edu/exhibitions/281-lover-earth-art-and-ecosexuality>

Exhibition. “*Lover, Earth, Art, And Ecosexuality*,” Tang Teaching Museum, Skidmore College, Saratoga Springs, NY, May 30–August 23, 2020. Note 2016 Ecosex Manifesto and playlist of songs dedicated to love and nature.

<http://www.unesco.org/culture/en/artseducation/pdf/fpseongheukim207.pdf>

Seong-heui Kim, Seoul National University, Republic of Korea, “View of nature found in East Asian art,” UNESCO, nd. 11-page essay.

<https://www.bing.com/videos/search?q=environmental+art+movement&docid=608044073800106127&mid=EFCF8407BCBA16098423EFCF8407BCBA16098423&view=detail&FORM=VIRE>

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<https://www.lacma.org/art/exhibition/japanese-painting-walk-nature>

Art exhibit advertisement. “Japanese Paintings: A Walk in Nature,” Los Angeles County Museum of Art, Exhibit, May 13–September 10, 2017. Note reference to nature developed into one of most common themes in Japanese painting begun during 794–1185 CE, Heian Period.

<https://www.roningallery.com/artists/koson>

“Koson Woodblock Prints: Japanese Nature Prints,” Ronin Gallery, NY City. See 70, Koson Birds and Blossoms prints by Koson, 1877–1945.

<https://www.rogerebert.com/reviews/princess-mononoke-1999>

Roger Ebert, “Princess Mononoke movie review,” *Roger Ebert Reviews*, October 29, 1999. Hayao Miyazaki, Japanese animator, created film, *Princess Mononoke*, 1997, an epic story set in medieval Japan at the dawn of the Iron Age where some still lived in harmony with nature and others, like an iron weapons mining company tried to tame and defeat the environment and nature.

<https://www.cnn.com/style/article/japan-nature-architecture/index.html>

Chris Giles, “Japan’s nature architecture has deep cultural roots,” *CNN Style*, updated August 6, 2017. In Japan, the line between nature and the built environment is a blurred one.

<https://www.archdaily.com/950043/architecture-and-nature-a-framework-for-building-in-landscapes>

Andreea Cutieru, "Architecture and Nature: A Framework for Building in Landscapes," *Arch Daily*, October 2020.

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[John Burnside · A Winter Mind · LRB 25 April 2013](#)

John Burnside, "A Winter Mind," *London Review of Books*, Vol. 35, no. 8, April 25, 2013. Burnside reflected on the art of Dutch and Flemish snow landscapes and the art and poetry of Thames River, London, frost fairs. All in context of the Little Ice Age of 16th and 17th century.

[Is the sublime a hopelessly old-fashioned Euro-Romantic ideal? | Psyche Ideas](#)

Robert Clewis, "Is the sublime a hopelessly old-fashioned Euro-Romantic ideal?" *Psyche, Ideas*, July 15, 2020. "Comprehensive awe" can define the sublime stimulus which can be triggered by acts of nature.

<https://arthistorynewsreport.blogspot.com/2018/12/turner-and-constable-inhabited-landscape.html>

"Turner and Constable: The Inhabited Landscape," Exhibition, Clark Art Institute, Massachusetts, *Art History News Report* blog, December 6, 2018. See examples of Turner (1775–1851) and Constable (1776–1837) landscape art.

<https://www.bing.com/videos/search?q=environmental+art+movement&&view=detail&mid=DEDAE2067AF328D13320DEDAE2067AF328D13320&rvsmid=EFCF8407BCBA16098423EFCF8407BCBA16098423&FORM=VDRVRV>

13:29 Video Lecture. David Wagner, "Environmental Ideology in Art," *Ted MHK*, Kansas State University, published on You Tube, April 14, 2016. Note reference to Thomas Moran, landscape artist, and his effect on Environmental Art. See more on Thomas Moran below:

<https://www.segmation.com/blog/thomas-moran-the-great-american-surveyor>

"Thomas Moran—American Landscape Painter," *Segmation*, July 31, 2013. Slim article.

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Nancy Langston, "Rising Waters: Art & Climate Change in the Great Lakes," Nancy Langston, environmental historian, Michigan Tech University, Houghton, Michigan webpage. Note interactive environment and climate change art works with the Lake Superior watershed as theme and focus.

<https://archive.vcu.edu/english/engweb/transcendentalism/authors/emerson/nature.html>

Ralph Waldo Emerson, "Nature—Web text," American Transcendentalism Web. Emerson's essay on Nature.

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[Joanna Kavenna—Writers on the Storm | Literary Review | Issue 492](#)

Book Review. Joanna Kavenna, "Writers on the Storm," *Literary Review*, Issue 492, December 2020. Kavenna reviewed *Gigantic Cinema: A Weather Anthology*, Alice Oswald and Paul Keegan, eds., about famous authors and their treatment of weather in, mostly European, literature.

[\(99+\) \(PDF\) The Aesthetics of Natural Environments | David Macauley—Academia.edu](#)

Book Review. David Macauley, "The Aesthetics of Natural Environments," *Organizations & Environments*, March 2006. Review of Allen Carlson and Arnold Berleant, eds., *The Aesthetics of Natural Environments*, Toronto, Ontario: Broadview Press, 2004. Note mention of watershed book on art and nature by Ronald Hepburn, *Contemporary Aesthetics and the Neglect of Natural Beauty*, 1966.

[Poetry and the Environment | Poetry Foundation](#)

"Poetry and the Environment," *Poetry Foundation*. Recent poetic approaches to the natural world and ecology. See selections.

[Ronald W. Hepburn—The British Society of Aesthetics \(british-aesthetics.org\)](#)

Emily Brady, "Ronald W. Hepburn," The British Society of Aesthetics. Tribute to University of Edinburgh Professor of Moral Philosophy, Ronald W. Hepburn, who passed December 23, 2008. Hepburn was author of the classic book on art and nature, *The Aesthetics of Natural Environments*, 1966.

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Lawrence Buell, Ursula K. Heise, and Karen Thornber, "Literature and Environment," Department of English and Comparative Literature, Harvard University, Cambridge, Massachusetts, September 19, 2011.

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[Barry Lopez: An Era of Emergencies is Upon Us and We Cannot Look Away < Literary Hub \(lithub.com\)](#)

Barry Lopez, "An Era of Emergencies is Upon Us and We Cannot Look Away," *Literary Hub*, December 2020. Introduction to Lopez's *American Geography* which is a photographic art book on the American environment. The photo art works are on exhibit at the San Francisco Museum of Art.

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[Dive into a boundless cityscape with an immersive artwork inspired by the infinite | Aeon Videos](#)

6:00 Video artscape, "Repetition," *Aeon*, Video, December 10, 2020. London-based electronic musician Max Cooper and Irish visual artist Kevin McGloughlin produced a cityscape which challenges the space between urban and nature.

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Katherine Brooks, "18 Green Artists Who Are Making Climate Change And Conservation A Priority," *Huff Post*, last updated, December 6, 2017.

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Rebecca Worby, "On Cairns, Hoodoos, and Monoliths: What Happens in the Desert Shouldn't Always Stay in the Desert," *Literary Hub*, December 7, 2020. Utah desert monoliths vs. environmental naturalists.

[What restoration ecology could learn from art conservation | Aeon Essays](#)

Liam Heneghan, "Can we restore nature?" *Aeon*, Essays, December 15, 2020. What restoration ecology could learn from art conservation.

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[How Taiwan Uses Buddhist Literature For Environmental Education—Honolulu Civil Beat](#)

Natasha Heller, "How Taiwan Uses Buddhist Literature For Environmental Education," *Honolulu Civil Beat*, Beyond Hawaii, December 13, 2020. In context of climate change.

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Jill Sisson Quinn, "Lake Michigan Thinks It's Still an Ocean," *Literary Hub*, August 28, 2020.

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3:00 Film short, "Shorelines," Aeon, Videos, October 6, 2020. Master animator, Al Jarnow, celebrated the shore and sea sounds, 1977.

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23:00 Video documentary. "Buffalo Common (2002)," *Aeon*, Videos, June 6, 2020. Prairies, bison and nuclear warheads—a 2002 postcard from North Dakota. North Dakota before the oil boom. Sustainability and the environment of a "breadbasket state."

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