

Energy Anthropology Anthropology of Energy

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* *this is an ongoing project site*

** *also available in pdf version*

*** *referenced documents can be found in this archive*

- 2019** Laura Watts. *Energy at the End of the World: An Orkney Islands Saga*. MIT Press, 2019. Cambridge, MA
- 2018** Ryan Cecil Jobson. “Road Work: Highways and Hegemony in Trinidad and Tobago”. In: *The Journal of Latin American and Caribbean Anthropology* 23.3 (2018), pp. 457–477
- 2017** Dominic Boyer. “Revolutionary Infrastructure”. In: *Infrastructures and Social Complexity* (2017), pp. 174–186
- 2017** Michael Degani. “Modal reasoning in Dar es Salaam’s power network”. In: *American Ethnologist* 44.2 (2017), pp. 300–314
- 2016** Paul Kockelman. “Grading, Gradients, Degradation, Grace: Part 1: Intensity and Causality”. In: *HAU: The Journal of Ethnographic Theory* 6.2 (2016), pp. 389–423; Paul Kockelman. “Grading, Gradients, Degradation, Grace: Part 2: Phenomenology, Materiality, and Cosmology”. In: *HAU: The Journal of Ethnographic Theory* 6.3 (2016), pp. 337–365
- 2016** Karen Pinkus. *Fuel: A Speculative Dictionary*. University of Minnesota Press, 2016. Minneapolis, MN
- 2016** Sarah Strauss, Stephanie Rupp, and Thomas Love. *Cultures of Energy: Power, Practices, Technologies*. Routledge, 2016. New York, NY
- 2015** Dominic Boyer. “Anthropology Electric”. In: *Cultural Anthropology* 30.4 (2015), pp. 531–539
- 2015** Juan M. R. Parrondo, Jordan M. Horowitz, and Takahiro Sagawa. “Thermodynamics of Information”. In: *Nature Physics* 11 (2015), pp. 131–139
- 2015** Andy Stirling. “Transforming power: Social science and the politics of energy choices”. In: *Energy Research & Social Science* 1 (2014), pp. 83–95
- 2014** Dominic Boyer. “Energopower: An Introduction”. In: *Anthropological Quarterly* 87.2 (2014), pp. 309–333
- 2014** Benjamin Sovacool. “What are we doing here? Analyzing fifteen years of energy scholarship and proposing a social science research agenda”. In: *Energy Research & Social Science* 1 (2014), pp. 1–29

- 2013** Brian Larkin. “The Politics and Poetics of Infrastructure”. In: *Annual Review of Anthropology* 42 (2013), pp. 327–343
- 2013** Clark A Miller, Alastair Iles, and Christopher F Jones. “The Social Dimensions of Energy Transitions”. In: *Science as Culture* 22.2 (2013), pp. 135–148
- 2012** Gabrielle Hecht. *Being Nuclear: Africans and the Global Uranium Trade*. MIT Press, 2012. Cambridge, MA
- 2011** Dominic Boyer. “Energopolitics and the Anthropology of Energy”. In: vol. 52. 5. 2011, pp. 5–7
- 2011** Robert Kohler. “Complex Systems and Archaeology”. In: *Santa Fe Institute Working Paper* 2011-06-023 (2011), pp. 1–24. Santa Fe, NM
- 2010** Paul N Edwards. *A Vast Machine: Computer Models, Climate Data, and The Politics of Global Warming*. MIT Press, 2010. Cambridge, MA
- 2010** Laura Nader, Leticia Cesarino, and Chris Hebdon. “Introduction”. In: *The Energy Reader*. Ed. by Laura Nader. Malden, MA: Wiley-Blackwell, 2010, pp. 1–17. Malden, MA
- 2009** Gabrielle Hecht. *The Radiance of France: Nuclear Power and National Identity after World War II*. MIT press, 2009. Cambridge, MA
- 2004** Arnulf Grübler. “Transitions in Energy Use”. In: *Encyclopedia of Energy*. Elsevier, 2004, pp. 163–177
- 2004** Suzana Sawyer. *Crude Chronicles: Indigenous Politics, Multinational Oil, and Neoliberalism in Ecuador*. Durham, NC: Duke University Press, 2004
- 2002** Frank W. Geels. “Technological transitions as evolutionary reconfiguration processes: a multi-level perspective and a case-study”. In: *Research Policy* 31.8 (2002), pp. 1257–1274
- 1999** Susan Leigh Star. “The Ethnography of Infrastructure”. In: *American Behavioral Scientist* 43.3 (1999), pp. 377–391
- 1997** Fernando Coronil. *The Magical State: Nature, Money, and Modernity in Venezuela*. University of Chicago Press, 1997. Chicago, IL
- 1996** Hugh Gusterson. *Nuclear Rites: A Weapons Laboratory at the End of the Cold War*. University of California Press, 1996. Berkeley, CA
- 1990** Robert D. Bullard. *Dumping In Dixie: Race, Class, And Environmental Quality*. Taylor & Francis, 1990
- 1989** Jeremy Taylor. *The Strange New Science of Chaos*. Coronet Film & Video. 1989. URL: <https://vimeo.com/100608680>. Boston, MA

- 1987** Sharon Traweek. *Beamtimes and Lifetimes: The World of High Energy Physics*. Harvard University Press, 1988. Cambridge, MA
- 1983** Thomas Parke Hughes. *Networks of Power: Electrification in Western Society, 1880-1930*. The Johns Hopkins University Press, 1993. Baltimore, MD
- 1980** George Caffentzis et al. “The Work/Energy Crisis and the Apocalypse”. In: *Midnight Notes* 2.1 (1980), pp. 1–30. Jamaica Plains, MA
- 1985** Stephen G. Bunker. *Underdeveloping the Amazon: Extraction, Unequal Exchange, and the Failure of the Modern State*. University of Chicago Press, 1985. Chicago, IL
- 1979** Barry Commoner. *The politics of energy*. New York: Knopf, 1979. New York, NY
- 1977** Wendell Berry. “The Uses of Energy”. In: *The Unsettling of America*. Sierra Club Books, 1977, pp. 81–95. San Francisco, CA
- 1979** Laura Nader. “Barriers to Thinking New about Energy”. In: *Contrarian Anthropology: The Unwritten Rules of Academia*. Berghahn, 2018, pp. 33–43. New York and Oxford
- 1970** Richard Newbold Adams. *Crucifixion by Power: Essays on Guatemalan National Structure*. Austin, TX: University of Texas Press, 1970. Austin, TX
- 1967** Clarence J Glacken. *Traces on the Rhodian Shore: Nature and Culture in Western Thought from Ancient Times to the End of the Eighteenth Century*. University of California Press, 1967. Berkeley, CA
- 1955** Howard T Odum and Richard C Pinkerton. “Time’s speed regulator: the optimum efficiency for maximum power output in physical and biological systems”. In: *American Scientist* 43.2 (1955), pp. 331–343
- 1943** Leslie White. “Energy and the Evolution of Culture”. In: *American Anthropologist* 45.3 (1943), pp. 335–356
- 1936** Vere Gordon Childe. *Man Makes Himself*. New York: New American Library of World Literature, 1936
- 1886** Ludwig Boltzmann. “The Second Law of Thermodynamics: Address to a Formal Meeting of the Imperial Academy of Science, 29 May 1886”. In: *Ludwig Boltzmann: Theoretical Physics and Philosophical Problems: Selected Writings*. Ed. by Brian McGuinness. D. Reidel Publishing Company, 1976, pp. 13–32. Boston, MA

- 1873** William J. Gibbs. “A Method of Geometrical Representation of the Thermodynamic Properties of Substances by Means of Surfaces”. In: *The Scientific Papers of J. Willard Gibbs, Ph.D., LL.D. Formerly Professor of Mathematical Physics in Yale University*. Ed. by Henry Andrews Bumstead and Ralph Gibbs Van Name. Vol. 1: Thermodynamics. Longmans, Green, and Co., 1906, pp. 33–54. New York and Bombay
- 1824** Sadi Carnot. “Reflections on the Motive-Power of Heat, and on Machines Fitted to Develop that Power”. In: *Reflections on the Motive Power of Heat*. Ed. by R. H. Thurston. John Wiley & Sons, 1897, pp. 37–126. New York, NY
- 1620** Francis Bacon. *The New Organon: Or True Directions Concerning the Interpretation of Nature*. Dodo Press, 2008. Gloucestershire, UK
- 322** Aristotle, William David Ross, and John Alexander Smith. *The Works of Aristotle*. 1908

References

- Adams, Richard Newbold. *Crucifixion by Power: Essays on Guatemalan National Structure*. Austin, TX: University of Texas Press, 1970. Austin, TX.
- Aristotle, William David Ross, and John Alexander Smith. *The Works of Aristotle*. 1908.
- Bacon, Francis. *The New Organon: Or True Directions Concerning the Interpretation of Nature*. Dodo Press, 2008. Gloucestershire, UK.
- Berry, Wendell. “The Uses of Energy”. In: *The Unsettling of America*. Sierra Club Books, 1977, pp. 81–95. San Francisco, CA.
- Boltzmann, Ludwig. “The Second Law of Thermodynamics: Address to a Formal Meeting of the Imperial Academy of Science, 29 May 1886”. In: *Ludwig Boltzmann: Theoretical Physics and Philosophical Problems: Selected Writings*. Ed. by Brian McGuinness. D. Reidel Publishing Company, 1976, pp. 13–32. Boston, MA.
- Boyer, Dominic. “Anthropology Electric”. In: *Cultural Anthropology* 30.4 (2015), pp. 531–539.
- “Energopolitics and the Anthropology of Energy”. In: vol. 52. 5. 2011, pp. 5–7.
- “Energopower: An Introduction”. In: *Anthropological Quarterly* 87.2 (2014), pp. 309–333.
- “Revolutionary Infrastructure”. In: *Infrastructures and Social Complexity* (2017), pp. 174–186.
- Bullard, Robert D. *Dumping In Dixie: Race, Class, And Environmental Quality*. Taylor & Francis, 1990.
- Bunker, Stephen G. *Underdeveloping the Amazon: Extraction, Unequal Exchange, and the Failure of the Modern State*. University of Chicago Press, 1985. Chicago, IL.

- Caffentzis, George et al. "The Work/Energy Crisis and the Apocalypse". In: *Midnight Notes* 2.1 (1980), pp. 1–30. Jamaica Plains, MA.
- Carnot, Sadi. "Reflections on the Motive-Power of Heat, and on Machines Fitted to Develop that Power". In: *Reflections on the Motive Power of Heat*. Ed. by R. H. Thurston. John Wiley & Sons, 1897, pp. 37–126. New York, NY.
- Childe, Vere Gordon. *Man Makes Himself*. New York: New American Library of World Literature, 1936.
- Commoner, Barry. *The politics of energy*. New York: Knopf, 1979. New York, NY.
- Coronil, Fernando. *The Magical State: Nature, Money, and Modernity in Venezuela*. University of Chicago Press, 1997. Chicago, IL.
- Degani, Michael. "Modal reasoning in Dar es Salaam's power network". In: *American Ethnologist* 44.2 (2017), pp. 300–314.
- Edwards, Paul N. *A Vast Machine: Computer Models, Climate Data, and The Politics of Global Warming*. MIT Press, 2010. Cambridge, MA.
- Geels, Frank W. "Technological transitions as evolutionary reconfiguration processes: a multi-level perspective and a case-study". In: *Research Policy* 31.8 (2002), pp. 1257–1274.
- Gibbs, William J. "A Method of Geometrical Representation of the Thermodynamic Properties of Substances by Means of Surfaces". In: *The Scientific Papers of J. Willard Gibbs, Ph.D., LL.D. Formerly Professor of Mathematical Physics in Yale University*. Ed. by Henry Andrews Bumstead and Ralph Gibbs Van Name. Vol. 1: Thermodynamics. Longmans, Green, and Co., 1906, pp. 33–54. New York and Bombay.
- Glacken, Clarence J. *Traces on the Rhodian Shore: Nature and Culture in Western Thought from Ancient Times to the End of the Eighteenth Century*. University of California Press, 1967. Berkeley, CA.
- Grübler, Arnulf. "Transitions in Energy Use". In: *Encyclopedia of Energy*. Elsevier, 2004, pp. 163–177.
- Gusterson, Hugh. *Nuclear Rites: A Weapons Laboratory at the End of the Cold War*. University of California Press, 1996. Berkeley, CA.
- Hecht, Gabrielle. *Being Nuclear: Africans and the Global Uranium Trade*. MIT Press, 2012. Cambridge, MA.
- *The Radiance of France: Nuclear Power and National Identity after World War II*. MIT press, 2009. Cambridge, MA.
- Hughes, Thomas Parke. *Networks of Power: Electrification in Western Society, 1880-1930*. The Johns Hopkins University Press, 1993. Baltimore, MD.
- Jobson, Ryan Cecil. "Road Work: Highways and Hegemony in Trinidad and Tobago". In: *The Journal of Latin American and Caribbean Anthropology* 23.3 (2018), pp. 457–477.
- Kockelman, Paul. "Grading, Gradients, Degradation, Grace: Part 1: Intensity and Causality". In: *HAU: The Journal of Ethnographic Theory* 6.2 (2016), pp. 389–423.
- "Grading, Gradients, Degradation, Grace: Part 2: Phenomenology, Materiality, and Cosmology". In: *HAU: The Journal of Ethnographic Theory* 6.3 (2016), pp. 337–365.

- Kohler, Robert. "Complex Systems and Archaeology". In: *Santa Fe Institute Working Paper* 2011-06-023 (2011), pp. 1–24. Santa Fe, NM.
- Larkin, Brian. "The Politics and Poetics of Infrastructure". In: *Annual Review of Anthropology* 42 (2013), pp. 327–343.
- Miller, Clark A, Alastair Iles, and Christopher F Jones. "The Social Dimensions of Energy Transitions". In: *Science as Culture* 22.2 (2013), pp. 135–148.
- Nader, Laura. "Barriers to Thinking New about Energy". In: *Contrarian Anthropology: The Unwritten Rules of Academia*. Berghahn, 2018, pp. 33–43. New York and Oxford.
- Nader, Laura, Leticia Cesarino, and Chris Hebdon. "Introduction". In: *The Energy Reader*. Ed. by Laura Nader. Malden, MA: Wiley-Blackwell, 2010, pp. 1–17. Malden, MA.
- Odum, Howard T and Richard C Pinkerton. "Time's speed regulator: the optimum efficiency for maximum power output in physical and biological systems". In: *American Scientist* 43.2 (1955), pp. 331–343.
- Parrondo, Juan M. R., Jordan M. Horowitz, and Takahiro Sagawa. "Thermodynamics of Information". In: *Nature Physics* 11 (2015), pp. 131–139.
- Pinkus, Karen. *Fuel: A Speculative Dictionary*. University of Minnesota Press, 2016. Minneapolis, MN.
- Sawyer, Suzana. *Crude Chronicles: Indigenous Politics, Multinational Oil, and Neoliberalism in Ecuador*. Durham, NC: Duke University Press, 2004.
- Sovacool, Benjamin. "What are we doing here? Analyzing fifteen years of energy scholarship and proposing a social science research agenda". In: *Energy Research & Social Science* 1 (2014), pp. 1–29.
- Star, Susan Leigh. "The Ethnography of Infrastructure". In: *American Behavioral Scientist* 43.3 (1999), pp. 377–391.
- Stirling, Andy. "Transforming power: Social science and the politics of energy choices". In: *Energy Research & Social Science* 1 (2014), pp. 83–95.
- Strauss, Sarah, Stephanie Rupp, and Thomas Love. *Cultures of Energy: Power, Practices, Technologies*. Routledge, 2016. New York, NY.
- Taylor, Jeremy. *The Strange New Science of Chaos*. Coronet Film & Video. 1989. URL: <https://vimeo.com/100608680>. Boston, MA.
- Traweek, Sharon. *Beamtimes and Lifetimes: The World of High Energy Physics*. Harvard University Press, 1988. Cambridge, MA.
- Watts, Laura. *Energy at the End of the World: An Orkney Islands Saga*. MIT Press, 2019. Cambridge, MA.
- White, Leslie. "Energy and the Evolution of Culture". In: *American Anthropologist* 45.3 (1943), pp. 335–356.