

Sustainable Energy for a Greener Tomorrow
Decal Fall 2019
Reading List

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Reading List

Week 1

Yergin, D. (2006) *Ensuring Energy Security* (Foreign Affairs, Vol. 85 No. 2)
https://www.un.org/ga/61/second/daniel_yergin_energysecurity.pdf

Week 2

Ki-Moon, B. (2012) *Powering Sustainable Energy for All* (Op-ed, New York Times)
<https://www.nytimes.com/2012/01/12/opinion/powering-sustainable-energy-for-all.html>

Week 3

Nerini, F., et al. (2017) *Mapping synergies and trade-offs between energy and SDGs*
(Nature Energy Vol. 3)
<https://www.nature.com/articles/s41560-017-0036-5>

Week 4

Gillis, J. (2017) *Short Answers to Hard Questions About Climate Change* (NYT)
<https://www.nytimes.com/interactive/2015/11/28/science/what-is-climate-change.html?ref=collection%2Fsectioncollection%2Fearth&action=click&contentCollection=earth®ion=rank&module=package&version=highlights&contentPlacement=8&pgtype=sectionfront>

Arrow, K., et al. (2013) *Determining Benefits and Costs for Future Generations* (Policy Forum Environmental Economics)
https://nature.berkeley.edu/er100/readings/Arrow_2013.pdf

Week 5

Sovacool, B. (2014) *Energy studies need social science* (Nature, Vol. 511)
https://nature.berkeley.edu/er100/readings/Sovacool_nature_2014.pdf

Week 6

Jones, C., et al. (2014) *Spatial Distribution of U.S. Household Carbon Footprints Reveals Suburbanization Undermines Greenhouse Gas Benefits of Urban Population Density*
(Environmental Science & Technology)

<https://nature.berkeley.edu/er100/readings/Jones-Kammen-2014.pdf>

Wynes, S., et al. (2017) *The climate mitigation gap: education and government recommendations miss the most effective individual actions* (Environmental Research Letters, Vol. 12)

<https://iopscience.iop.org/article/10.1088/1748-9326/aa7541/pdf>

Week 7

Kittner, N., et al. (2017) *Energy storage deployment and innovation for the clean energy transition* (Nature Energy, Vol. 2)

<https://rael.berkeley.edu/wp-content/uploads/2017/07/Kittner-Lill-Kammen-NatureEnergy-Storage-Innovation-2017.pdf>

Week 8

Pastor, M. (2007) *Environmental Justice: Reflections from the United States* (Environmental Justice, Chapter 14)

https://nature.berkeley.edu/er100/readings/Pastor_2007.pdf

Week 9

Alstone, P., et al. (2015) *Decentralized energy systems for clean electricity access* (Nature Climate Change, Vol. 5)

<https://nature.berkeley.edu/er100/readings/nclimate2512.pdf>

Week 10

Hsu, J. (2019) *Solar Power's Benefits Don't Shine Equally on Everyone* (Scientific American, Energy)

<https://www.scientificamerican.com/article/solar-powers-benefits-dont-shine-equally-on-everyone/>

Week 11

Fuller, J. (2014) *Environmental policy is partisan. It wasn't always.* (The Washington Post)

https://www.washingtonpost.com/news/the-fix/wp/2014/06/02/support-for-the-clean-air-act-has-changed-a-lot-since-1970/?noredirect=on&utm_term=.09c99442c8f6

Week 12

Meyer, R. (2017) *How the U.S. Protects the Environment, From Nixon to Trump* (The Atlantic)

<https://www.theatlantic.com/science/archive/2017/03/how-the-epa-and-us-environmental-law-works-a-civics-guide-pruitt-trump/521001/>