

This PDF includes a chapter from the following book:

Repairing Infrastructures

The Maintenance of Materiality and Power

© 2020 Massachusetts Institute of Technology

License Terms:

Made available under a Creative Commons
Attribution-NonCommercial-NoDerivatives 4.0 International Public
License

<https://creativecommons.org/licenses/by-nc-nd/4.0/>

OA Funding Provided By:

The open access edition of this book was made possible by
generous funding from Arcadia—a charitable fund of Lisbet
Rausing and Peter Baldwin.

The title-level DOI for this work is:

[doi:10.7551/mitpress/11771.001.0001](https://doi.org/10.7551/mitpress/11771.001.0001)

Bibliography

- Abbate, Janet. *Inventing the Internet*. Cambridge, MA: MIT Press, 1999.
- Alkon, Alison Hope, and Julian Agyeman. *Cultivating Food Justice: Race, Class, and Sustainability*. Cambridge, MA: MIT Press, 2011.
- Anand, Nikhil, Akhil Gupta, and Hannah Appel, eds. *The Promise of Infrastructure*. Durham, NC: Duke University Press, 2018.
- Anderson, Benedict. *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. London: Verso, 1983.
- Ashford, Blake E., and Glen E. Kreiner. "How Can You Do It? Dirty Work and the Challenge of Constructing a Positive Identity." *Academy of Management Review* 24, no. 3 (1999): 413–434.
- Association for the Advancement of Sustainability in Higher Education. "AASHE STARS." 2016. <https://stars.aashe.org/>.
- Athanasiou, Tom. "The Age of Greenwashing." *Capitalism, Nature, Socialism* 7 (1996): 1–36.
- Bach, Jonathan. "China's Infrastructural Fix." *Limn*, no. 7 (2016). <https://limn.it/articles/chinas-infrastructural-fix/>.
- Barad, Karen. "Posthumanist Performativity: Toward an Understanding of How Matter Comes to Matter." *Signs: Journal of Women in Culture and Society* 28, no. 3 (2003): 801–831.
- Barrera, Mario, Marilyn Mulford, Juan Felipe Herrera, and Gary Weimberg. *Chicano Park*. VHS tape. Cinema Guild, 1989. <https://www.youtube.com/watch?v=hXwZLo8hrp4>.
- Barry, John M. *Rising Tide: The Great Mississippi Flood of 1927 and How It Changed America*. New York: Simon & Schuster, 1998.
- Batt, William H. "Infrastructure: Etymology and Import." *Journal of Professional Issues in Engineering* 110, no. 1 (1984): 1–6.

- Beck, Ulrich. *Risk Society: Towards a New Modernity*. London: Sage, 1992.
- Beck, Ulrich, Wolfgang Bonss, and Christoph Lau. "The Theory of Reflexive Modernization: Problematic, Hypotheses and Research Programme." *Theory, Culture and Society* 20, no. 2 (2003): 1–33.
- Beck, Ulrich, Anthony Giddens, and Scott Lash. *Reflexive Modernization: Politics, Tradition and Aesthetics in the Modern Social Order*. Cambridge, UK: Polity Press, 1994.
- Belasco, Warren J. *Appetite for Change: How the Counterculture Took on the Food Industry*. 2nd ed. Ithaca, NY: Cornell University Press, 2007.
- Bell, Joshua A., Briel Kobak, Joel Kuipers, and Amanda Kemble. "Unseen Connections: The Materiality of Cell Phones." *Anthropological Quarterly* 91, no. 2 (2018): 465–484.
- Bell, Joshua A., Joel Kuipers, Jacqueline Hazen, Amanda Kemble, and Briel Kobak. "The Materiality of Cell Phone Repair: Re-Making Commodities in Washington, DC." *Anthropological Quarterly* 91, no. 2 (2018): 603–633.
- Bellacasa, María Puig de la. "Matters of Care in Technoscience: Assembling Neglected Things." *Social Studies of Science* 41, no. 1 (2011): 85–106.
- Bellacasa, María Puig de la. "'Nothing Comes without Its World': Thinking with Care." *Sociological Review* 60, no. 2 (2012): 197–216.
- Belluck, Pam. "Chilly at Work? Office Formula Was Devised for Men." *New York Times*, August 3, 2015. <https://www.nytimes.com/2015/08/04/science/chilly-at-work-a-decades-old-formula-may-be-to-blame.html>.
- Berger, Peter L., and Thomas Luckmann. *The Social Construction of Reality: A Treatise in the Sociology of Knowledge*. Harmondsworth: Penguin, 1971.
- Bialik, Carl. "We Still Don't Know How Many People Died Because of Katrina." *FiveThirtyEight* (blog), August 26, 2015. <https://fivethirtyeight.com/features/we-still-dont-know-how-many-people-died-because-of-katrina/>.
- Bijker, Wiebe E., Thomas P. Hughes, and Trevor J. Pinch, eds. *The Social Construction of Technological Systems: New Directions in the Sociology and History of Technology*. Cambridge, MA: MIT Press, 1987.
- Bijker, Wiebe E., and John Law, eds. *Shaping Technology/Building Society: Studies in Sociotechnical Change*. Cambridge, MA: MIT Press, 1992.
- Billig, Michael. *Banal Nationalism*. Thousand Oaks, CA: Sage, 1995.
- Bolin, Bob, Sara Grineski, and Timothy Collins. "The Geography of Despair: Environmental Racism and the Making of South Phoenix, Arizona, USA." *Human Ecology Review* 12, no. 2 (2005): 156–168.

Boström, Magnus. "A Missing Pillar? Challenges in Theorizing and Practicing Social Sustainability." *Sustainability: Science, Practice, and Policy* 8, no. 1 (2012): 3–14.

Bowker, Geoffrey C. *Science on the Run: Information Management and Industrial Geophysics at Schlumberger, 1920–1940*. Cambridge, MA: MIT Press, 1994.

Bowker, Geoffrey C., and Susan Leigh Star. *Sorting Things Out: Classification and Its Consequences*. Cambridge, MA: MIT Press, 1999.

Boyer, Dominic. "Infrastructure, Potential Energy, Revolution." In *The Promise of Infrastructure*, edited by Nikhil Anand, Akhil Gupta, and Hannah Appel, 223–243. Durham, NC: Duke University Press, 2018.

Brunkard, Joan, Gonza Namulanda, and Raoult Ratard. "Hurricane Katrina Deaths, Louisiana, 2005." *Disaster Medicine and Public Health Preparedness* 2, no. 4 (2008): 215–223.

Busch, Lawrence. *Standards: Recipes for Reality*. Cambridge, MA: MIT Press, 2011.

Busch, Lawrence, and William B. Lacy. *Science, Agriculture, and the Politics of Research*. Boulder, CO: Westview Press, 1983.

Callon, Michel. "Some Elements of a Sociology of Translation: Domestication of the Scallops and the Fishermen of St. Brieuc Bay." In *Power, Action, and Belief: A New Sociology of Knowledge?* edited by John Law, 196–233. London: Routledge, Kegan, and Paul, 1986.

Canuto, Marcello A., Francisco Estrada-Belli, Thomas G. Garrison, Stephen D. Houston, Mary Jane Acuña, Milan Kováč, et al. "Ancient Lowland Maya Complexity as Revealed by Airborne Laser Scanning of Northern Guatemala." *Science* 361, no. 6409 (2018): eaau0137.

Carroll, Patrick. *Science, Culture, and Modern State Formation*. Berkeley: University of California Press, 2006.

Carse, Ashley. *Beyond the Big Ditch: Politics, Ecology, and Infrastructure at the Panama Canal*. Cambridge, MA: MIT Press, 2014.

Carse, Ashley. "Keyword: Infrastructure: How a Humble French Engineering Term Shaped the Modern World." In *Infrastructures and Social Complexity: A Companion*, edited by Penelope Harvey, Casper Bruun Jensen, and Atsuro Morita, 27–39. London: Routledge, 2016.

Catton, William R., Jr., and Riley E. Dunlap. "Environmental Sociology: A New Paradigm." *American Sociologist* 13, no. 1 (1978): 41–49.

Chalabi, Mona. "Dear Mona, How Many Flight Attendants Are Men?" *FiveThirtyEight* (blog), October 3, 2014. <https://fivethirtyeight.com/datalab/dear-mona-how-many-flight-attendants-are-men/>.

- Cochrane, Willard W. *The Development of American Agriculture: A Historical Analysis*. 2nd ed. Minneapolis: University of Minnesota Press, 1993.
- Cockcroft, Eva Sperling. "The Story of Chicano Park." *Aztlán* 15, no. 1 (1984): 79–103.
- Cohn, Marisa. "Convivial Decay: Entangled Lifetimes in a Geriatric Infrastructure." In *Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work and Social Computing*, 1511–1523. New York: ACM, 2016.
- Cohn, Marisa. "'Lifetime Issues': Temporal Relations of Design and Maintenance." *Continent* 6, no. 1 (2017): 4–12.
- Coleman-Jensen, Alisha, Matthew P. Rabbitt, Christian A. Gregory, and Anita Singh. "Household Food Security in the United States in 2016." Washington, DC: USDA ERS, 2017.
- Colgate University. "Colgate University Green Building Standards." 2014. <https://docs.google.com/viewer?url=http%3A%2F%2Fwww.colgate.edu%2Fdocs%2Fdefault-source%2Fdefault-document-library%2FRead-More-365849.pdf%3Fsvrsn%3D3>.
- Collier, Stephen J., and Andrew Lakoff. "The Vulnerability of Vital Systems: How 'Critical Infrastructure' Became a Security Problem." In *The Politics of Securing the Homeland: Critical Infrastructure, Risk and Securitisation*, edited by Myriam Dunn and Kristian Soby Kristensen. London: Routledge, 2008.
- Coronado Historical Association. "A Timeline of Coronado History." 2019. <https://coronadohistory.org/calendar/list//education/a-timeline-of-coronado-history/>.
- Cronon, William. *Nature's Metropolis: Chicago and the Great West*. New York: Norton, 1991.
- Crutzen, Paul J. "Geology of Mankind." *Nature* 415 (2002): 23.
- Danbom, David B. *Born in the Country: A History of Rural America*. Baltimore, MD: Johns Hopkins University Press, 1995.
- Danbom, David B. *The Resisted Revolution: Urban America and the Industrialization of Agriculture, 1900–1930*. Ames: Iowa State University Press, 1979.
- Dant, Tim. "Inside the Bicycle: Repair Knowledge for All." In *Repair Work Ethnographies: Revisiting Breakdown, Relocating Materiality*, edited by Ignaz Strebel, Alain Bovet, and Philippe Sormani, 283–312. Singapore: Palgrave Macmillan, 2019.
- Dant, Tim. *Materiality and Society*. New York: Open University Press, 2005.
- Dant, Tim. "The Work of Repair: Gesture, Emotion, and Sensual Knowledge." *Sociological Research Online* 15, no. 3 (2010): 97–118.
- Delgado, Kevin. "A Turning Point: The Conception and Realization of Chicano Park." *Journal of San Diego History* 44, no. 1 (1998). <http://www.sandiegohistory.org/journal/1998/january/chicano-3/>.

Demaria, Federico. "The Rise—and Future—of the Degrowth Movement." *Ecologist*, March 27, 2018. <http://theecologist.org/2018/mar/27/rise-and-future-degrowth-movement>.

Denis, Jérôme, and David Pontille. "Maintenance Work and the Performativity of Urban Inscriptions: The Case of Paris Subway Signs." *Environment and Planning D: Society and Space* 32, no. 3 (2014): 404–416.

Denis, Jérôme, and David Pontille. "Material Ordering and the Care of Things." *Science, Technology, and Human Values* 40, no. 3 (2015): 338–367.

Dibble, Sandra, and Kristina Davis. "Officer Punched, Tensions Flare at 'Patriot Picnic' at Chicano Park." *San Diego Union-Tribune*, February 3, 2018. <https://www.sandiegouniontribune.com/news/politics/sd-me-patriot-picnic-20180131-story.html>.

Dobson, Andrew, ed. *Fairness and Futurity: Essays on Environmental Sustainability and Social Justice*. New York: Oxford University Press, 1999.

Douglas, Mary. *Purity and Danger: An Analysis of Concepts of Pollution and Taboo*. London: Routledge & Kegan Paul, 1966.

Draskoczy, Julie. "The 'Put' of Perekovka: Transforming Lives at Stalin's White Sea-Baltic Canal." *Russian Review* 71, no. 1 (2012): 30–48.

Duffy, Mignon. "Doing the Dirty Work: Gender, Race, and Reproductive Labor in Historical Perspective." *Gender and Society* 21, no. 3 (2007): 313–336.

Dunlap, Riley E., and William R. Catton. "Struggling with Human Exemptionalism: The Rise, Decline, and Revitalization of Environmental Sociology." *American Sociologist* 25, no. 1 (1994): 5–30.

Durkheim, Emile. *The Division of Labor in Society*. Translated by W. D. Halls. New York: Free Press, 1984.

Edgerton, David. *The Shock of the Old: Technology and Global History Since 1900*. New York: Oxford University Press, 2007.

Edin, Kathryn, Melody Boyd, James Mabli, Jim Ohls, Julie Worthington, Sara Greene, Nicholas Redel, et al. "SNAP Food Security In-Depth Interview Study." Washington, DC: US Department of Agriculture, Food and Nutrition Service, 2013.

Edin, Kathryn J., and H. Luke Shaefer. *\$2.00 a Day: Living on Almost Nothing in America*. New York: Houghton Mifflin Harcourt, 2015.

Edwards, Paul N. *The Closed World: Computers and the Politics of Discourse in Cold War America*. Cambridge, MA: MIT Press, 1996.

Edwards, Paul N. "Infrastructure and Modernity: Force, Time, and Social Organization in the History of Sociotechnical Systems." In *Modernity and Technology*, edited

by Thomas J. Misa, Philip Brey, and Andrew Feenberg, 185–225. Cambridge, MA: MIT Press, 2003.

Edwards, Paul N. "Meteorology as Infrastructural Globalism." *Osiris* 21, no. 1 (2006): 229–250.

Edwards, Paul N. *A Vast Machine: Computer Models, Climate Data, and the Politics of Global Warming*. Cambridge, MA: MIT Press, 2010.

Edwards, Paul N., Geoffrey Bowker, Steven Jackson, and Robin Williams. "Introduction: An Agenda for Infrastructure Studies." *Journal of the Association for Information Systems* 10, no. 5 (2009): 364–374.

Edwards, Paul N., Steven J. Jackson, Geoffrey C. Bowker, and Cory P. Knobel. "Understanding Infrastructure: Dynamics, Tensions, and Design." Washington, DC: National Science Foundation, January 2007.

Ellis, Erle C., Dorian Q. Fuller, Jed O. Kaplan, and Wayne G. Lutters. "Dating the Anthropocene: Towards an Empirical Global History of Human Transformation of the Terrestrial Biosphere." *Elementa: Science of the Anthropocene* 1 (December 4, 2013): 000018.

Ellis, Erle C., and Navin Ramankutty. "Putting People in the Map: Anthropogenic Biomes of the World." *Frontiers in Ecology and the Environment* 6, no. 8 (2008): 439–447.

Fanger, P. O. "Assessment of Man's Thermal Comfort in Practice." *British Journal of Industrial Medicine* 30 (1973): 313–324.

Fanger, P. O. *Thermal Comfort: Analysis and Applications in Environmental Engineering*. Copenhagen: Danish Technical Press, 1970.

Field, Christopher B., Vicente R. Barros, and Intergovernmental Panel on Climate Change, eds. *Climate Change 2014: Impacts, Adaptation, and Vulnerability: Working Group II Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge: Cambridge University Press, 2014.

Fine, Gary Alan. "Negotiated Orders and Organizational Cultures." *Annual Review of Sociology* 10 (1984): 239–262.

Fine, Gary Alan. *Tiny Publics: A Theory of Group Action and Culture*. New York: Russell Sage Foundation, 2012.

Fine, Gary Alan, and S. Kleinman. "Network and Meaning: An Interactionist Approach to Structure." *Symbolic Interaction* 6 (1983): 97–110.

Finney, Stanley C., and Asier Hilario. "GSSPs as International Geostandards and as Global Geoheritage." In *Geoheritage*, edited by Emmanuel Reynard and José Brilha, 179–189. Amsterdam: Elsevier, 2018.

- Fiore-Gartland, Brittany. "Technological Residues." *Continent* 6, no. 1 (2017): 25–29.
- Fitzsimmons, Emma G. "What Trump, Clinton and Voters Agreed On: Better Infrastructure." *New York Times*. November 9, 2016.
- Foucault, Michel. *Discipline and Punish: The Birth of the Prison*. New York: Random House, 1979.
- Freudenburg, William R., Robert B. Gramling, Shirley Laska, and Kai Erikson. *Catastrophe in the Making: The Engineering of Katrina and the Disasters of Tomorrow*. Washington, DC: Island Press, 2009.
- Furlong, Kathryn. "STS beyond the 'Modern Infrastructure Ideal': Extending Theory by Engaging with Infrastructure Challenges in the South." *Technology in Society* 38 (2014): 139–147.
- Fussell, Elizabeth, Narayan Sastry, and Mark VanLandingham. "Race, Socioeconomic Status, and Return Migration to New Orleans after Hurricane Katrina." *Population and Environment* 31, no. 1–3 (2010): 20–42.
- Giddens, Anthony. "Risk and Responsibility." *Modern Law Review* 62, no. 1 (1999): 1–10.
- Giddens, Anthony. *Runaway World: How Globalization Is Reshaping Our Lives*. New York: Routledge, 2000.
- Gieryn, Thomas F. "Boundary-Work and the Demarcation of Science from Non-Science: Strains and Interests in Professional Ideologies of Science." *American Sociological Review* 48 (1983): 781–795.
- Gieryn, Thomas F. *Cultural Boundaries of Science: Credibility on the Line*. Chicago: University of Chicago Press, 1999.
- Glenn, Evelyn Nakano. "Creating a Caring Society." *Contemporary Sociology* 29, no. 1 (2000): 84–94.
- Goffman, Erving. *Interaction Ritual: Essays on Face-to-Face Behavior*. New York: Pantheon, 1967.
- Goffman, Erving. "On Face-Work: An Analysis of Ritual Elements in Social Interaction." *Psychiatry* 18 (1955): 213–231.
- Goffman, Erving. *The Presentation of the Self in Everyday Life*. New York: Doubleday, 1959.
- Gomez, Gay M. "Perspective, Power, and Priorities: New Orleans and the Mississippi River Flood of 1927." In *Transforming New Orleans and Its Environs: Centuries of Change*, edited by Craig E. Colten, 109–120. Pittsburgh: University of Pittsburgh Press, 2000.

- Graham, Stephen, and Simon Marvin. *Splintering Urbanism: Networked Infrastructures, Technological Mobilities and the Urban Condition*. London: Routledge, 2001.
- Graham, Stephen, and Nigel Thrift. "Out of Order: Understanding Repair and Maintenance." *Theory, Culture and Society* 24, no. 3 (2007): 1–25.
- Granberry, Michael. "20 Years Later, Span Is Loved and Loathed." *Los Angeles Times*, August 2, 1989. http://articles.latimes.com/1989-08-02/local/me-406_1_toll-bridge.
- Gray Plant Mooty. "Investigative Report to Joint Committee to Investigate the I-35W Bridge Collapse." May 2008. https://www.leg.state.mn.us/docs/2008/other/080513/Investigative_Report.pdf.
- Greenfield, Adam. "A Sociology of the Smartphone." *Longreads* (blog), June 13, 2017. <https://longreads.com/2017/06/13/a-sociology-of-the-smartphone/>.
- Griswold del Castillo, Richard. *The Los Angeles Barrio, 1850–1890: A Social History*. Berkeley: University of California Press, 1979.
- Hannigan, John. *Environmental Sociology: A Social Constructionist Perspective*. 2nd ed. New York: Routledge, 2006.
- Haraway, Donna J. *Simians, Cyborgs, and Women: The Reinvention of Nature*. New York: Routledge, 1991.
- Haraway, Donna J. *Staying with the Trouble: Making Kin in the Chthulucene*. Chapel Hill, NC: Duke University Press, 2016.
- Harper, Douglas. *Working Knowledge: Skill and Community in a Small Shop*. Berkeley: University of California Press, 1987.
- Harvey, David. *A Brief History of Neoliberalism*. Oxford: Oxford University Press, 2007.
- Harvey, David. *The Condition of Postmodernity: An Enquiry into the Origins of Cultural Change*. Cambridge, MA: Blackwell, 1990.
- Harvey, Penny, and Hannah Knox. *Roads: An Anthropology of Infrastructure and Expertise*. Ithaca, NY: Cornell University Press, 2015.
- Henke, Christopher R. *Cultivating Science, Harvesting Power: Science and Industry in California Agriculture*. Cambridge, MA: MIT Press, 2008.
- Henke, Christopher R. "The Mechanics of Workplace Order: Toward a Sociology of Repair." *Berkeley Journal of Sociology* 44 (2000): 55–81.
- Henke, Christopher R. "Situation Normal? Repairing a Risky Ecology." *Social Studies of Science* 37, no. 1 (2007): 135–142.
- Henke, Christopher R. "The Sustainable University: Repair as Maintenance and Transformation." *Continent* 6, no. 1 (2017): 40–45.

Henke, Christopher R., and Thomas F. Gieryn. "Sites of Scientific Practice: The Enduring Importance of Place." In *New Handbook of Science and Technology Studies*, edited by Edward Hackett, Olga Amsterdamska, Michael Lynch, and Judy Wajcman. Cambridge, MA: MIT Press, 2007.

Herrera, Juan Felipe. "Logan Heights and the World." In *100 Great Poems: Classic Poets and Beatnik Freaks*, track 6. Words of Wisdom Records, 2012.

Highsmith, Andrew R. *Demolition Means Progress: Flint, Michigan, and the Fate of the American Metropolis*. Chicago: University of Chicago Press, 2015.

Hochschild, Arlie Russell. *The Managed Heart: The Commercialization of Human Feeling*. Berkeley: University of California Press, 1983.

Hoof, J. van. "Forty Years of Fanger's Model of Thermal Comfort: Comfort for All?" *Indoor Air* 18, no. 3 (2008): 182–201.

Houston, Lara. "Mobile Phone Repair Knowledge in Downtown Kampala: Local and Trans-Local Circulations." In *Repair Work Ethnographies: Revisiting Breakdown, Relocating Materiality*, edited by Ignaz Strebler, Alain Bovet, and Philippe Sormani, 129–160. Singapore: Palgrave Macmillan, 2019.

Houston, Lara. "The Timeliness of Repair." *Continent* 6, no. 1 (2017): 51–55.

Houston, Lara. "Unsettled Repair Tools: The 'Death' of the J.A.F. Box." Paper presented at the Maintainers Conference, Stevens Institute of Technology, Hoboken, NJ, 2016, 1–13. <https://static1.squarespace.com/static/56a8e2fca12f446482d67a7a/t/570e9c8f01dbae9c3322fa7d/1460575376524/Maintainers-Lara-Houston.pdf>.

Houston, Lara, and Steven J. Jackson. "Caring for the 'Next Billion' Mobile Handsets: Opening Proprietary Closures Through the Work of Repair." In *Proceedings of the Eighth International Conference on Information and Communication Technologies and Development*, 10:1–10:11. New York: ACM, 2016.

Houston, Lara, Steven J. Jackson, Daniela K. Rosner, Syed Ishtiaque Ahmed, Meg Young, and Laewoo Kang. "Values in Repair." In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*, 1403–1414. New York: ACM Press, 2016.

Houston, Lara, Daniela K. Rosner, Steven J. Jackson, and Jamie Allen, eds. "R3pair Volume." Special issue, *Continent*, no. 6.1 (2017). <http://continentcontinent.cc/index.php/continent/issue/view/27>.

Hughes, Everett C. "Work and the Self." In *Social Psychology at the Crossroads*, edited by John H. Rohrer and Muzafer Sherif, 313–323. New York: Harper and Brothers, 1951.

Hughes, Thomas P. *Networks of Power: Electrification in Western Society, 1880–1930*. Baltimore: Johns Hopkins University Press, 1983.

Hughes, Thomas P. *Rescuing Prometheus: Four Monumental Projects That Changed the Modern World*. New York: Pantheon Books, 1998.

International Commission on Stratigraphy. "ICS—GSSPs." Accessed December 13, 2018, at <http://www.stratigraphy.org/index.php/ics-gssps>.

Irani, Lilly. "The Cultural Work of Microwork." *New Media and Society* 17, no. 5 (2015): 720–739.

Irani, Lilly. "Microworking the Crowd." *Limn*, February 13, 2012, <https://limn.it/articles/microworking-the-crowd/>.

Jackson, Steven J. "Rethinking Repair." In *Media Technologies: Essays on Communication, Materiality, and Society*, edited by Tarleton Gillespie, Pablo Boczkowski, and Kirsten Foot, 221–239. Cambridge, MA: MIT Press, 2014.

Jackson, Steven J., Paul N. Edwards, Geoffrey C. Bowker, and Cory P. Knobel. "Understanding Infrastructure: History, Heuristics and Cyberinfrastructure Policy." *First Monday* 12, no. 6 (2007). <http://www.firstmonday.dk/ojs/index.php/fm/article/view/1904>.

Jackson, Steven J., Alex Pompe, and Gabriel Krieshok. "Repair Worlds: Maintenance, Repair, and ICT for Development in Rural Namibia." In *Proceedings of the ACM 2012 Conference on Computer Supported Cooperative Work*, 107. New York: ACM Press, 2012.

Jones, Rhys, and Peter Merriman. "Hot, Banal and Everyday Nationalism: Bilingual Road Signs in Wales." *Political Geography* 28, no. 3 (2009): 164–173.

Kallis, Giorgos. *Degrowth*. Newcastle upon Tyne: Agenda Publishing, 2018.

Karjalainen, S. "Thermal Comfort and Gender: A Literature Review." *Indoor Air* 22, no. 2 (2012): 96–109.

Kates, Robert W., Thomas M. Parris, and Anthony A. Leiserowitz. "What Is Sustainable Development? Goals, Indicators, Values, and Practice." *Environment* 47, no. 3 (2005): 8–21.

Kelman, Ari. *A River and Its City: The Nature of Landscape in New Orleans*. Berkeley: University of California Press, 2003.

Kingma, Boris, and Wouter van Marken Lichtenbelt. "Energy Consumption in Buildings and Female Thermal Demand." *Nature Climate Change* 5 (2015): 1054–1056.

Kingsworth, Paul, and Dougald Hine. "The Manifesto." Dark Mountain, 2009. <https://dark-mountain.net/about/manifesto/>.

Koebler, Jason. "Why American Farmers Are Hacking Their Tractors with Ukrainian Firmware." *Motherboard* (blog), March 21, 2017. https://motherboard.vice.com/en_us/article/xykkkd/why-american-farmers-are-hacking-their-tractors-with-ukrainian-firmware.

Kuchinskaya, Olga. *The Politics of Invisibility: Public Knowledge about Radiation Health Effects after Chernobyl*. Cambridge, MA: MIT Press, 2014.

Laet, Marianne de, and Annemarie Mol. "The Zimbabwe Bush Pump: Mechanics of a Fluid Technology." *Social Studies of Science* 30, no. 2 (2000): 225–263.

Lampland, Martha, and Susan Leigh Star, eds. *Standards and Their Stories: How Quantifying, Classifying and Formalizing Practices Shape Everyday Life*. Ithaca, NY: Cornell University Press, 2008.

Larkin, Brian. "The Politics and Poetics of Infrastructure." *Annual Review of Anthropology* 42, no. 1 (2013): 327–343.

Latour, Bruno. "Give Me a Laboratory and I Will Raise the World." In *Science Observed*, edited by K. Knorr and M. Mulkay, 141–170. Beverly Hills: Sage, 1983.

Latour, Bruno. *Pandora's Hope: Essays on the Reality of Science Studies*. Cambridge, MA: Harvard University Press, 1999.

Latour, Bruno. *The Pasteurization of France*. Cambridge, MA: Harvard University Press, 1984.

Latour, Bruno. *Reassembling the Social: An Introduction to Actor-Network-Theory*. Oxford: Oxford University Press, 2005.

Latour, Bruno. *Science in Action: How to Follow Scientists and Engineers through Society*. Cambridge, MA: Harvard University Press, 1987.

Latour, Bruno. *We Have Never Been Modern*. Cambridge, MA: Harvard University Press, 1993.

Latour, Bruno. "Where Are the Missing Masses? The Sociology of a Few Mundane Artifacts." In *Shaping Technology/Building Society*, edited by Wiebe E. Bijker and John Law, 225–258. Cambridge, MA: MIT Press, 1992.

Law, John. *Aircraft Stories: Decentering the Object in Technoscience*. Durham, NC: Duke University Press, 2002.

Law, John. "The Materials of STS." In *The Oxford Handbook of Material Culture Studies*, edited by Dan Hicks and Mary C. Beaudry, 173–188. New York: Oxford University Press, 2010.

Law, John. *Organizing Modernity*. Cambridge, MA: Blackwell, 1994.

Law, John. "Technology and Heterogeneous Engineering: The Case of Portuguese Expansion." In *The Social Construction of Technological Systems: New Directions in the Sociology and History of Technology*, edited by Wiebe E. Bijker, Thomas P. Hughes, and Trevor J. Pinch, 111–134. Cambridge, MA: MIT Press, 1987.

Leibovich, Mark. "Armageddon Moves Inside the Computer: Los Alamos Is Calculating a New Nuclear Testing Era." *Washington Post*, November 18, 1998.

Lemke, Thomas. "New Materialisms: Foucault and the 'Government of Things.'" *Theory, Culture and Society* 32, no. 4 (2015): 3–25.

Lengnick, Laura. *Resilient Agriculture: Cultivating Food Systems for a Changing Climate*. Philadelphia: New Society Publishers, 2015.

LePatner, Barry B. *Too Big to Fall: America's Failing Infrastructure and the Way Forward*. New York: Foster Publishing, 2010.

Leslie, Stuart, and Indira Chowdhury. "Homi Bhabha, Master Builder of Nuclear India." *Physics Today* 71, no. 9 (2018): 48.

Levy, Paul. "4 Dead, 79 Injured, 20 Missing after Dozens of Vehicles Plummet into River." *Minneapolis Star-Tribune*, August 2, 2007. <http://www.startribune.com/4-dead-79-injured-20-missing-after-dozens-of-vehicles-plummet-into-river/11593606>.

Lewis, Peirce F. *New Orleans: The Making of an Urban Landscape*. 2nd ed. Santa Fe, NM: Center for American Places, 2003.

Lewis, Simon L., and Mark A. Maslin. *The Human Planet: How We Created the Anthropocene*. New Haven, CT: Yale University Press, 2018.

Librová, Hana, and Vojtěch Pelikán. "Ethical Motivations and the Phenomenon of Disappointment in Two Types of Environmental Movements: Neo-Environmentalism and the Dark Mountain Project." *Environmental Values* 25, no. 2 (2016): 167–193.

Lowder, Sarah K., Jakob Skoet, and Saumya Singh. "What Do We Really Know about the Number and Distribution of Farms and Family Farms Worldwide? Background Paper for *The State of Food and Agriculture 2014*." Rome: United Nations, Food and Agriculture Organization, 2014.

Lynch, Michael. "Against Reflexivity as an Academic Virtue and Source of Privileged Knowledge." *Theory, Culture and Society* 17, no. 3 (2000): 26–54.

Mann, Michael. "The Autonomous Power of the State: Its Origins, Mechanisms and Results." *European Journal of Sociology* 25, no. 2 (1984): 185–213.

Mann, Michael. *The Sources of Social Power*, vol. 2: *The Rise of Classes and Nation States, 1760–1914*. Cambridge: Cambridge University Press, 1993.

Marcus, Alan I. *Agricultural Science and the Quest for Legitimacy: Farmers, Agricultural Colleges, and Experiment Stations, 1870–1890*. Ames: Iowa State University Press, 1985.

Martin, Judith A. "Neighborhoods Confront a Disaster Aftermath." In *The City, the River, the Bridge: Before and After the Minneapolis Bridge Collapse*, edited by Patrick Nunnally, 57–75. Minneapolis: University of Minnesota Press, 2011.

Masco, Joseph. *The Nuclear Borderlands: The Manhattan Project in Post-Cold War New Mexico*. Princeton, NJ: Princeton University Press, 2006.

McCourt, David M. *Britain and World Power since 1945: Constructing a Nation's Role in International Politics*. Ann Arbor: University of Michigan Press, 2015.

Merrill, Dave, and Lauren Leatherby. "Here's How America Uses Its Land." *Bloomberg*, July 31, 2018. <https://www.bloomberg.com/graphics/2018-us-land-use/>.

Merriman, Peter, and Rhys Jones. "Nations, Materialities and Affects." *Progress in Human Geography* 41, no. 5 (2017): 600–617.

Mitchell, Timothy. *Carbon Democracy: Political Power in the Age of Oil*. London: Verso Books, 2011.

Mohl, Raymond A. "The Interstates and the Cities: The U.S. Department of Transportation and the Freeway Revolt, 1966–1973." *Journal of Policy History* 20, no. 2 (2008): 193–226.

Mohl, Raymond A. "Stop the Road: Freeway Revolts in American Cities." *Journal of Urban History* 30, no. 5 (2004): 674–706.

Mol, Annemarie. *The Logic of Care: Health and the Problem of Patient Choice*. New York: Routledge, 2008.

Mol, Annemarie, Ingunn Moser, and Jeanette Pols. "Care: Putting Practice into Theory." In *Care in Practice: On Tinkering in Clinics, Homes, and Farms*, edited by Annemarie Mol, Ingunn Moser, and Jeanette Pols, 7–26. Bielefeld, Germany: Transcript Verlag, 2010.

Moore, Kelly. *Disrupting Science: Social Movements, American Scientists, and the Politics of the Military, 1945–1975*. Princeton, NJ: Princeton University Press, 2008.

Mukerji, Chandra. *A Fragile Power: Scientists and the State*. Princeton, NJ: Princeton University Press, 1989.

Mukerji, Chandra. *Impossible Engineering: Technology and Territoriality on the Canal du Midi*. Princeton, NJ: Princeton University Press, 2009.

Mukerji, Chandra. "Intelligent Uses of Engineering and the Legitimacy of State Power." *Technology and Culture* 44, no. 4 (2003): 655–676.

Mukerji, Chandra. "The Landscape Garden as Material Culture: Lessons from France." In *The Oxford Handbook of Material Culture Studies*, edited by Dan Hicks and Mary C. Beaudry, 543–561. New York: Oxford University Press, 2010.

Mukerji, Chandra. *Modernity Reimagined: An Analytic Guide*. New York: Routledge, 2017.

Mukerji, Chandra. *Territorial Ambitions and the Gardens of Versailles*. Cambridge: Cambridge University Press, 1997.

Nestle, Marion. *Food Politics: How the Food Industry Influences Nutrition and Health*. Berkeley: University of California Press, 2002.

Nickerson, Cynthia, and Allison Borchers. "How Is Land in the United States Used? A Focus on Agricultural Land." Washington, DC: Economic Research Service, US Department of Agriculture, 2012. <https://www.ers.usda.gov/amber-waves/2012/march/data-feature-how-is-land-used/>.

Norman, Don. *The Design of Everyday Things: Revised and Expanded Edition*. New York: Basic Books, 2013.

Norris, Frank. "Logan Heights: Growth and Change in the Old 'East End.'" *Journal of San Diego History* 29, no. 1 (1983). <http://sandiegohistory.org/journal/1983/january/logan/>.

Nunnally, Patrick. "Building the New Bridge: Process and Politics in City-Building." In *The City, the River, the Bridge: Before and After the Minneapolis Bridge Collapse*, edited by Patrick Nunnally, 35–54. Minneapolis: University of Minnesota Press, 2011.

Orr, Julian. *Talking about Machines: An Ethnography of a Modern Job*. Ithaca, NY: Cornell University Press, 1996.

Penny, Dan, Cameron Zachreson, Roland Fletcher, David Lau, Joseph T. Lizier, Nicholas Fischer, Damian Evans, et al. "The Demise of Angkor: Systemic Vulnerability of Urban Infrastructure to Climatic Variations." *Science Advances* 4, no. 10 (2018): eau4029.

Perez, Caroline Criado. *Invisible Women: Data Bias in a World Designed for Men*. New York: Abrams Press, 2019.

Perrow, Charles. *Normal Accidents: Living with High-Risk Technologies*. 2nd ed. Princeton, NJ: Princeton University Press, 1999.

Petroski, Henry. *The Road Taken: The History and Future of America's Infrastructure*. New York: Bloomsbury, 2016.

Pickett, Brent L. "Foucault and the Politics of Resistance." *Polity* 28, no. 4 (1996): 445–466.

Pires, Larissa. "Gender in the Modernist City: Shaping Power Relations and National Identity with the Construction of Brasília." PhD diss., Iowa State University, 2013.

Pollan, Michael. *The Omnivore's Dilemma: A Natural History of Four Meals*. New York: Penguin, 2006.

Quito, Anne. "The New Fountain at Versailles Was Inspired by 17th-Century Power Games." *Quartz*, 2015. <https://qz.com/511706/the-new-fountain-at-versailles-was-inspired-by-17th-century-power-games/>.

Reilly, J., F. Tubiello, B. McCarl, D. Abler, R. Darwin, K. Fuglie, S. Hollinger, et al. "U.S. Agriculture and Climate Change: New Results." *Climatic Change* 57, no. 1/2 (2003): 43–67.

"Repair, n.2." In *OED Online*. Oxford: Oxford University Press, December 2018. <http://www.oed.com/view/Entry/162629>.

Ribes, David, and Thomas A. Finholt. "The Long Now of Technology Infrastructure: Articulating Tensions in Development." *Journal of the Association for Information Systems* 10, no. 5 (2009): 375–398.

Rice, Dave. "Barrio Logan Group Says Basta to Stadium Rhetoric." *San Diego Reader*, July 15, 2016. <https://www.sandiegoreader.com/news/2016/jul/15/ticker-community-fighters-calls-bull-t-stadium/>.

"Right to Repair—iFixit." Accessed December 3, 2018, at <https://ifixit.org/right>.

Rosen, Martin D., and James Fisher. "Chicano Park and the Chicano Park Murals: Barrio Logan, City of San Diego, California." *Public Historian* 23, no. 4 (2001): 91–112.

Rosenberg, Charles E. "Rationalization and Reality in the Shaping of American Agricultural Research, 1875–1914." *Social Studies of Science* 7 (1977): 401–422.

Rosner, Daniela, and Jonathan Bean. "Learning from IKEA Hacking: I'm Not One to Decoupage a Tabletop and Call It a Day." In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*, 419–422. New York: ACM, 2009.

Rosner, Daniela K., and Morgan Ames. "Designing for Repair? Infrastructures and Materialities of Breakdown." In *Proceedings of the 17th ACM Conference on Computer Supported Cooperative Work and Social Computing*, 319–331. New York: ACM, 2014.

Ross, Andrew. "Universities and the Urban Growth Machine." *Dissent Magazine*, October 4, 2012. http://www.dissentmagazine.org/online_articles/universities-and-the-urban-growth-machine.

Ruder, Cynthia A. *Making History for Stalin: The Story of the Belomor Canal*. Gainesville: University Press of Florida, 1998.

Russell, Andrew L. *Open Standards and the Digital Age: History, Ideology, and Networks*. Cambridge: Cambridge University Press, 2014.

Russell, Andrew L., and Lee Vinsel. "After Innovation, Turn to Maintenance." *Technology and Culture* 59, no. 1 (2018): 1–25.

Russell, Andrew L., and Lee Vinsel. "Hail the Maintainers." *Aeon*, 2016. <https://aeon.co/essays/innovation-is-overvalued-maintenance-often-matters-more>.

Russell, Andrew L., and Lee Vinsel. "Let's Get Excited about Maintenance!" *New York Times*, July 22, 2017.

- Saulny, Susan, and Jennifer Steinhauer. "Bridge Collapse Revives Issue of Road Spending." *New York Times*, August 7, 2007. <http://www.nytimes.com/2007/08/07/us/07highway.html>.
- Sayes, Edwin. "Actor–Network Theory and Methodology: Just What Does It Mean to Say That Nonhumans Have Agency?" *Social Studies of Science* 44, no. 1 (2014): 134–149.
- Schegloff, Emanuel A. "Repair after Next Turn: The Last Structurally Provided Defense of Intersubjectivity in Conversation." *American Journal of Sociology* 97, no. 5 (1992): 1295–1345.
- Schegloff, Emanuel A. "Third Turn Repair." In *Towards a Social Science of Language: Papers in Honor of William Labov*, edited by G. R. Guy, M. C. Feagin, D. Schiffrin, and J. Baugh, 31–40. Amsterdam: John Benjamins, 1997.
- Schegloff, Emanuel A., Gail Jefferson, and Harvey Sacks. "The Preference for Self-Correction in the Organization of Repair for Conversation." *Language* 53, no. 2 (1977): 361–382.
- Schlosser, Eric. *Command and Control: Nuclear Weapons, the Damascus Accident, and the Illusion of Safety*. Reprint ed. New York: Penguin Books, 2014.
- Schwartz, Stephen I. *Atomic Audit: The Costs and Consequences of U.S. Nuclear Weapons since 1940*. Washington, DC: Brookings Institution Press, 1998.
- Scott, James C. *The Moral Economy of the Peasant: Rebellion and Subsistence in Southeast Asia*. New Haven: Yale University Press, 1976.
- Scott, James C. *Seeing Like a State: How Certain Schemes to Improve the Human Condition Have Failed*. New Haven: Yale University Press, 1998.
- Scott, James C. *Weapons of the Weak: Everyday Forms of Peasant Resistance*. New Haven: Yale University Press, 1987.
- Shapin, Steven. "The Invisible Technician." *American Scientist* 77 (1989): 554–563.
- Shapin, Steven. *A Social History of Truth: Civility and Science in Seventeenth-Century England*. Chicago: University of Chicago Press, 1994.
- Shapin, Steven, and Simon Schaffer. *Leviathan and the Air-Pump: Hobbes, Boyle, and the Experimental Life*. Princeton, NJ: Princeton University Press, 1985.
- Shever, Elana. *Resources for Reform: Oil and Neoliberalism in Argentina*. Palo Alto, CA: Stanford University Press, 2012.
- Sims, Benjamin. "Concrete Practices: Testing in an Earthquake-Engineering Laboratory." *Social Studies of Science* 29, no. 4 (1999): 483–518.

Sims, Benjamin. "The Day after the Hurricane': Infrastructure, Order, and the New Orleans Police Department's Response to Hurricane Katrina." *Social Studies of Science* 37, no. 1 (2007): 111–118.

Sims, Benjamin. "Disoriented City: Infrastructure, Social Order, and the Police Response to Hurricane Katrina." In *Disrupted Cities: When Infrastructure Fails*, edited by Stephen Graham, 41–53. Milton Park, UK: Routledge, 2010.

Sims, Benjamin. "Layers of Abstraction and the Organization of Repair in High Performance Computing." Paper presented at the Society for Social Studies of Science Annual Meeting, New Orleans, LA, 2019.

Sims, Benjamin. "Making Technological Timelines: Anticipatory Repair and Testing in High Performance Scientific Computing." *Continent* 6, no. 1 (2017): 81–84.

Sims, Benjamin. "On Shifting Ground: Earthquakes, Retrofit and Engineering Culture in California." PhD diss., University of California, San Diego, 2000.

Sims, Benjamin. "Safe Science: Material and Social Order in Laboratory Work." *Social Studies of Science* 35, no. 3 (2005): 333–366.

Sims, Benjamin. "Seismic Shifts and Retrofits: Scale and Complexity in the Seismic Retrofit of California Bridges." In *Retrofitting Cities: Priorities, Governance and Experimentation*, edited by Mike Hodson and Simon Marvin, 13–33. London: Routledge, 2016.

Sims, Benjamin. "Things Fall Apart: Disaster, Infrastructure, and Risk." *Social Studies of Science* 37, no. 1 (2007): 93–95.

Sims, Benjamin, and Christopher R. Henke. "Maintenance and Transformation in the U.S. Nuclear Weapons Complex." *IEEE Technology and Society Magazine* 27, no. 3 (2008): 32–38.

Sims, Benjamin, and Christopher R. Henke. "Repairing Credibility: Repositioning Nuclear Weapons Knowledge after the Cold War." *Social Studies of Science* 42, no. 3 (2012): 324–347.

Smith, Joshua Emerson. "San Diego Redrafting Highly Contested Blueprint for Barrio Logan." *San Diego Union-Tribune*, August 28, 2017. <https://www.sandiegouniontribune.com/news/environment/sd-me-barrio-logan-update-20170825-story.html>.

Spielmaker, D. M. "Growing a Nation: The Story of American Agriculture." 2018. <https://www.agclassroom.org/gan/timeline/index.htm>.

Sportelli, Natalie. "Colgate University's Trudy Fitness Center Awarded Gold LEED Certification." *Colgate University News* (blog), June 27, 2012. <http://news.colgate.edu/2012/06/trudy-fitness-center-awarded-gold-leed-certification.html/>.

Stalmer, Julie. "Barrio Logan Community Plan Not Updated Much." *San Diego Reader*. September 23, 2017. <https://www.sandiegoreader.com/news/2017/sep/22/stringers-barrio-logan-community-plan-not-updated/>.

"Stand Up for Your Right to Repair." Repair Association. Accessed December 3, 2018, at <http://repair.org/stand-up/>.

Star, Susan Leigh. "The Ethnography of Infrastructure." *American Behavioral Scientist* 43, no. 3 (1999): 377–391.

Star, Susan Leigh, and Karen Ruhleder. "Steps toward an Ecology of Infrastructure: Design and Access for Large Information Spaces." *Information Systems Research* 7, no. 1 (1996): 111–134.

Steffen, Will, Wendy Broadgate, Lisa Deutsch, Owen Gaffney, and Cornelia Ludwig. "The Trajectory of the Anthropocene: The Great Acceleration." *Anthropocene Review* 2, no. 1 (2015): 81–98.

Steinhardt, Stephanie B., and Steven J. Jackson. "Anticipation Work: Cultivating Vision in Collective Practice." In *Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work and Social Computing*, 443–453. New York: ACM, 2015.

Strebel, Ignaz, Alain Bovet, and Philippe Sormani, eds. *Repair Work Ethnographies: Revisiting Breakdown, Relocating Materiality*. Singapore: Palgrave Macmillan, 2019.

Summerson Carr, E., and Michael Lempert. *Scale: Discourse and Dimensions of Social Life*. Berkeley: University of California Press, 2016.

Tanweer, Anissa, Brittany Fiore-Gartland, and Cecilia Aragon. "Impediment to Insight to Innovation: Understanding Data Assemblages through the Breakdown-Repair Process." *Information, Communication and Society* 19, no. 6 (2016): 736–752.

Thomas, W. I. *The Child in America*. New York: Knopf, 1928.

Thomas, W. I. *The Unadjusted Girl*. Boston: Little, Brown, 1923.

Turner, Fred. *From Counterculture to Cyberculture: Stewart Brand, the Whole Earth Network, and the Rise of Digital Utopianism*. Chicago: University of Chicago Press, 2006.

Ureta, Sebastián. *Assembling Policy: Transantiago, Human Devices, and the Dream of a World-Class Society*. Cambridge, MA: MIT Press, 2015.

Ureta, Sebastián. "Normalizing Transantiago: On the Challenges (and Limits) of Repairing Infrastructures." *Social Studies of Science* 44, no. 3 (2014): 368–392.

Ureta, Sebastián. "Waiting for the Barbarians: Disciplinary Devices on Metro de Santiago." *Organization* 20, no. 4 (2013): 596–614.

US Department of Agriculture, Economic Research Service. "Ag and Food Sectors and the Economy," 2018. <https://www.ers.usda.gov/data-products/ag-and-food-statistics-charting-the-essentials/ag-and-food-sectors-and-the-economy.aspx>.

US Department of Agriculture, National Agricultural Statistics Service. "USDA Census of Agriculture Historical Archive," 2018. <http://agcensus.mannlib.cornell.edu/AgCensus/homepage.do?jsessionid=5BFA0828913934BE4F1B693340F0AC34>.

US Environmental Protection Agency. "National Summary of State Information: Water Quality Assessment and TMDL Information," 2018. https://ofmpub.epa.gov/waters10/attains_nation_cy.control#prob_source.

US Environmental Protection Agency. "Sources of Greenhouse Gas Emissions." Overviews and Factsheets. US EPA, December 29, 2015. <https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions>.

US Global Change Research Program. "Fourth National Climate Assessment." Washington, DC, 2018. <https://nca2018.globalchange.gov>.

US Green Building Council. "LEED | U.S. Green Building Council," 2016. <http://www.usgbc.org/leed>.

US National Transportation Safety Board. "Collapse of the I-35W Highway Bridge, Minneapolis, Minnesota, August 1, 2007." November 14, 2008.

Villa, Raúl Homero. *Barrio Logos: Space and Place in Urban Chicano Literature and Culture*. Austin: University of Texas Press, 2000.

von Schnitzler, Antina. *Democracy's Infrastructure: Techno-Politics and Protest after Apartheid*. Princeton, NJ: Princeton University Press, 2016.

von Schnitzler, Antina. "Infrastructure, Apartheid Technopolitics, and Temporalities of 'Transition.'" In *The Promise of Infrastructure*, edited by Nikhil Anand, Akhil Gupta, and Hannah Appel, 133–154. Durham, NC: Duke University Press, 2018.

Wallace, Bill, and Michael Taylor. "State Was Slow to Reinforce the I-880 Pillars, Experts Say." *San Francisco Chronicle*, October 20, 1989.

Walthall, C. L., J. Hatfield, P. Backlund, and L. Lengnick. "Climate Change and Agriculture in the United States: Effects and Adaptation." Washington, DC: USDA, 2012. [https://www.usda.gov/oce/climate_change/effects_2012/CC%20and%20Agriculture%20Report%20\(02-04-2013\)b.pdf](https://www.usda.gov/oce/climate_change/effects_2012/CC%20and%20Agriculture%20Report%20(02-04-2013)b.pdf).

Warth, Gary. "Chicano Park Named National Historic Landmark." *San Diego Union-Tribune*, January 11, 2017. <https://www.sandiegouniontribune.com/news/politics/sd-me-chicano-historic-20170111-story.html>.

Waters, Colin N., Jan Zalasiewicz, Colin Summerhayes, Anthony D. Barnosky, Clément Poirier, Agnieszka Gałuszka, Alejandro Cearreta, et al. "The Anthropocene Is Functionally and Stratigraphically Distinct from the Holocene." *Science* 351, no. 6269 (2016): 137.

Weber, Max. "Bureaucracy." In *From Max Weber: Essays in Sociology*, edited by H. H. Gerth and C. Wright Mills, 196–244. New York: Oxford University Press, 1946.

Weber, Max. *The Protestant Ethic and the Spirit of Capitalism*. New York: Routledge, 1930.

- Wellerstein, Alex. "Maintaining the Bomb." *Restricted Data: The Nuclear Secrecy Blog* (blog), April 8, 2016, <http://blog.nuclearsecrecy.com/2016/04/08/maintaining-the-bomb/>.
- Wharton, Amy S. "The Sociology of Emotional Labor." *Annual Review of Sociology* 35 (2009): 147–65.
- White, Richard. *The Organic Machine*. New York: Hill and Wang, 1995.
- Winner, Langdon. "Do Artifacts Have Politics?" In *The Social Shaping of Technology*, edited by Donald MacKenzie and Judy Wajcman, 26–38. Milton Keynes, UK: Open University Press, 1985.
- World Commission on Environment and Development. *Our Common Future*. New York: Oxford University Press, 1987.
- Wynne, Brian. "May the Sheep Safely Graze? A Reflexive View of the Expert-Lay Divide." In *Risk, Environment, and Modernity: Towards a New Ecology*, edited by Scott Lash, Bronislaw Szerszynski, and Brian Wynne, 44–83. Thousand Oaks, CA: Sage, 1996.
- Wynne, Brian. "Sheepfarming after Chernobyl: A Case Study in Communicating Scientific Information." *Environment* 31 (1989): 10–15, 33–39.
- Yang, Liu, Haiyan Yan, and Joseph C. Lam. "Thermal Comfort and Building Energy Consumption Implications—a Review." *Applied Energy* 115 (2014): 164–173.
- Zalasiewicz, Jan, Colin N. Waters, Mark Williams, Anthony D. Barnosky, Alejandro Cearreta, Paul Crutzen, Erle Ellis, et al. "When Did the Anthropocene Begin? A Mid-Twentieth Century Boundary Level Is Stratigraphically Optimal." *Quaternary International* 383 (2015): 196–203.