

# PhD reading list – Sustainability Management – 2023

School of Environment, Enterprise and Development (SEED), University of Waterloo

September 20<sup>th</sup>, 2023

1. Agyeman, Julian, David Schlosberg, Luke Craven, and Caitlin Matthews. 2016. “Trends and Directions in Environmental Justice: From Inequity to Everyday Life, Community, and Just Sustainabilities.” *Annual Review of Environment and Resources* 41 (1): 321–40. <https://doi.org/10.1146/annurev-environ-110615-090052>.
2. Ali, Saleem H., Damien Giurco, Nicholas Arndt, Edmund Nickless, Graham Brown, Alecos Demetriades, Ray Durrheim, et al. 2017. “Mineral Supply for Sustainable Development Requires Resource Governance.” *Nature* 543 (7645): 367–72. <https://doi.org/10.1038/nature21359>.
3. Ayres, Robert, Jeroen van den Berrgh, and John Gowdy. 2001. “Strong versus Weak Sustainability: Economics, Natural Sciences, and Consilience.” *Environmental Ethics* 23 (2): 155–68. <https://doi.org/10.5840/enviroethics200123225>.
4. Bansal, Pratima, and Hee-Chan Song. 2017. “Similar But Not the Same: Differentiating Corporate Sustainability from Corporate Responsibility.” *Academy of Management Annals* 11 (1): 105–49. <https://doi.org/10.5465/annals.2015.0095>.
5. Battiston, Stefano, Antoine Mandel, Irene Monasterolo, Franziska Schütze, and Gabriele Visentin. 2017. “A Climate Stress-Test of the Financial System.” *Nature Climate Change* 7 (4): 283–88. <https://doi.org/10.1038/nclimate3255>.
6. Blomsma, Fenna, and Geraldine Brennan. 2017. “The Emergence of Circular Economy: A New Framing Around Prolonging Resource Productivity: The Emergence of Circular Economy.” *Journal of Industrial Ecology* 21 (3): 603–14. <https://doi.org/10.1111/jiec.12603>.
7. Boulding, Kenneth. 1966. “The Economics of the Coming Spaceship Earth.” In *Environmental Quality in a Growing Economy*, 3–14. Baltimore, MD: John Hopkins University Press.

8. Broadhead, Lee-Anne, and Sean Howard. 2021. "Confronting the Contradictions between Western and Indigenous Science: A Critical Perspective on *Two-Eyed Seeing*." *AlterNative: An International Journal of Indigenous Peoples* 17 (1): 111–19. <https://doi.org/10.1177/1177180121996326>.
9. Carroll, Archie B. 1999. "Corporate Social Responsibility: Evolution of a Definitional Construct." *Business & Society* 38 (3): 268–95. <https://doi.org/10.1177/000765039903800303>.
10. Chan, Sander, Idil Boran, Harro van Asselt, Gabriela Iacobuta, Navam Niles, Katharine Rietig, Michelle Scobie, et al. 2019. "Promises and Risks of Nonstate Action in Climate and Sustainability Governance." *WIREs Climate Change* 10 (3). <https://doi.org/10.1002/wcc.572>.
11. Chertow, Marian R. 2000. "The IPAT Equation and Its Variants." *Journal of Industrial Ecology* 4 (4): 13–29. <https://doi.org/10.1162/10881980052541927>.
12. Clark, William C., and Alicia G. Harley. 2020. "Sustainability Science: Toward a Synthesis." *Annual Review of Environment and Resources* 45 (1): 331–86. <https://doi.org/10.1146/annurev-environ-012420-043621>.
13. Clarke, Amelia, and Andrew Crane. 2018. "Cross-Sector Partnerships for Systemic Change: Systematized Literature Review and Agenda for Further Research." *Journal of Business Ethics* 150 (2): 303–13. <https://doi.org/10.1007/s10551-018-3922-2>.
14. Clift, Roland, George Martin, and Simon Mair. 2022. "Sustainability and the Circular Economy." In *Assessing Progress Towards Sustainability*, 35–56. Elsevier. <https://doi.org/10.1016/B978-0-323-85851-9.00001-8>.
15. Costa, Daniele, Paula Quinteiro, and Ana Claudia Dias. 2019. "A Systematic Review of Life Cycle Sustainability Assessment: Current State, Methodological Challenges, and Implementation Issues." *Science of The Total Environment* 686 (October): 774–87. <https://doi.org/10.1016/j.scitotenv.2019.05.435>.
16. Costanza, Robert, Ralph d'Arge, Rudolf de Groot, Stephen Farber, Monica Grasso, Bruce Hannon, Karin Limburg, et al. 1997. "The Value of the World's Ecosystem Services and Natural Capital." *Nature* 387 (6630): 253–60. <https://doi.org/10.1038/387253a0>.
17. Delmas, Magali A., and Vanessa Cuerel Burbano. 2011. "The Drivers of Greenwashing." *California Management Review* 54 (1): 64–87. <https://doi.org/10.1525/cmvr.2011.54.1.64>.

18. Deva, Surya. 2021. "Business and Human Rights: Alternative Approaches to Transnational Regulation." *Annual Review of Law and Social Science* 17 (1): 139–58. <https://doi.org/10.1146/annurev-lawsocsci-113020-074527>.
19. Dietz, Thomas, Elinor Ostrom, and Paul C. Stern. 2003. "The Struggle to Govern the Commons." *Science* 302 (5652): 1907–12. <https://doi.org/10.1126/science.1091015>.
20. DiMaggio, Paul J., and Walter W. Powell. 1983. "The Iron Cage Revisited: Institutional Isomorphism and Collective Rationality in Organizational Fields." *American Sociological Review* 48 (2): 147. <https://doi.org/10.2307/2095101>.
21. Donaldson, Thomas, and Lee E. Preston. 1995. "The Stakeholder Theory of the Corporation: Concepts, Evidence, and Implications." *The Academy of Management Review* 20 (1): 65. <https://doi.org/10.2307/258887>.
22. Folke, Carl. 2006. "Resilience: The Emergence of a Perspective for Social–Ecological Systems Analyses." *Global Environmental Change* 16 (3): 253–67. <https://doi.org/10.1016/j.gloenvcha.2006.04.002>.
23. Friedman, Milton. 1970. "The Social Responsibility of Business Is to Increase Its Profits." *The New York Times Magazine*, 1970.
24. Gibbs, David, and Kirstie O'Neill. 2017. "Future Green Economies and Regional Development: A Research Agenda." *Regional Studies* 51 (1): 161–73. <https://doi.org/10.1080/00343404.2016.1255719>.
25. Gibson, Robert B. 2006. "Sustainability Assessment: Basic Components of a Practical Approach." *Impact Assessment and Project Appraisal* 24 (3): 170–82. <https://doi.org/10.3152/147154606781765147>.
26. Gladwin, Thomas N., James J. Kennelly, and Tara-Shelomith Krause. 1995. "Shifting Paradigms for Sustainable Development: Implications for Management Theory and Research." *The Academy of Management Review* 20 (4): 874. <https://doi.org/10.2307/258959>.
27. Goulder, Lawrence H., and Robert N. Stavins. 2002. "Discounting: An Eye on the Future." *Nature* 419 (6908): 673–74. <https://doi.org/10.1038/419673a>.
28. Gray, Rob. 2010. "Is Accounting for Sustainability Actually Accounting for Sustainability... and How Would We Know? An Exploration of Narratives of

Organisations and the Planet.” *Accounting, Organizations and Society* 35 (1): 47–62.  
<https://doi.org/10.1016/j.aos.2009.04.006>.

29. Hanna, Philippe, and Frank Vanclay. 2013. “Human Rights, Indigenous Peoples and the Concept of Free, Prior and Informed Consent.” *Impact Assessment and Project Appraisal* 31 (2): 146–57. <https://doi.org/10.1080/14615517.2013.780373>.
30. Hardin, Garrett. 1968. “The Tragedy of the Commons: The Population Problem Has No Technical Solution; It Requires a Fundamental Extension in Morality.” *Science* 162 (3859): 1243–48. <https://doi.org/10.1126/science.162.3859.1243>.
31. Hart, Stuart L., and Glen Dowell. 2011. “Invited Editorial: A Natural-Resource-Based View of the Firm, Fifteen Years After.” Edited by Jay B. Barney, David J. Ketchen, and Mike Wright. *Journal of Management* 37 (5): 1464–79.  
<https://doi.org/10.1177/0149206310390219>.
32. Hellweg, Stefanie, and Llorenç Milà i Canals. 2014. “Emerging Approaches, Challenges and Opportunities in Life Cycle Assessment.” *Science* 344 (6188): 1109–13.  
<https://doi.org/10.1126/science.1248361>.
33. ~~Hsiang, Solomon, and Robert E. Kopp. 2018. “An Economist’s Guide to Climate Change Science.” *Journal of Economic Perspectives* 32 (4): 3–32.  
<https://doi.org/10.1257/jep.32.4.3>.~~
34. Hudson, Ray. 2007. “Region and Place: Rethinking Regional Development in the Context of Global Environmental Change.” *Progress in Human Geography* 31 (6): 827–36. <https://doi.org/10.1177/0309132507080622>.
35. Inayatullah, Sohail. 2005. “Spirituality as the Fourth Bottom Line?” *Futures* 37 (6): 573–79. <https://doi.org/10.1016/j.futures.2004.10.015>.
36. Isil, Ozgur, and Michael T. Hernke. 2017. “The Triple Bottom Line: A Critical Review from a Transdisciplinary Perspective.” *Business Strategy and the Environment* 26 (8): 1235–51. <https://doi.org/10.1002/bse.1982>.
37. Jackson, Tim, and Peter A. Victor. 2016. “Does Slow Growth Lead to Rising Inequality? Some Theoretical Reflections and Numerical Simulations.” *Ecological Economics* 121 (January): 206–19. <https://doi.org/10.1016/j.ecolecon.2015.03.019>.

38. Kimmerer, Robin Wall. 2020. "Burning Sweetgrass." In *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge, and the Teachings of Plants*, 303–78. London, UK: Penguin, Random House.
39. Kotler, Philip, and Gerald Zaltman. 1971. "Social Marketing: An Approach to Planned Social Change." *Journal of Marketing* 35 (3): 3. <https://doi.org/10.2307/1249783>.
40. Krausmann, Fridolin, Marina Fischer-Kowalski, Heinz Schandl, and Nina Eisenmenger. 2008. "The Global Sociometabolic Transition: Past and Present Metabolic Profiles and Their Future Trajectories." *Journal of Industrial Ecology* 12 (5–6): 637–56. <https://doi.org/10.1111/j.1530-9290.2008.00065.x>.
41. Levin, Kelly, Benjamin Cashore, Steven Bernstein, and Graeme Auld. 2012. "Overcoming the Tragedy of Super Wicked Problems: Constraining Our Future Selves to Ameliorate Global Climate Change." *Policy Sciences* 45 (2): 123–52. <https://doi.org/10.1007/s11077-012-9151-0>.
42. Lovins, Amory B., L. Hunter Lovins, and Paul Hawken. 1999. "A Road Map for Natural Capitalism." *Harvard Business Review* 77 (3): 145–58.
43. Max-Neef, Manfred A. 2005. "Foundations of Transdisciplinarity." *Ecological Economics* 53 (1): 5–16. <https://doi.org/10.1016/j.ecolecon.2005.01.014>.
44. Nilsson, Måns, Dave Griggs, and Martin Visbeck. 2016. "Policy: Map the Interactions between Sustainable Development Goals." *Nature* 534 (7607): 320–22. <https://doi.org/10.1038/534320a>.
45. Norde, Willem. 1997. "Energy and Entropy: A Thermodynamic Approach to Sustainability." *Environmentalist* 17 (1): 57–62. <https://doi.org/10.1023/A:1018535529785>.
46. Paterson, Matthew, and Xavier P-Laberge. 2018. "Political Economies of Climate Change." *WIREs Climate Change* 9 (2). <https://doi.org/10.1002/wcc.506>.
47. Patterson, James, Karsten Schulz, Joost Vervoort, Sandra van der Hel, Oscar Widerberg, Carolina Adler, Margot Hurlbert, Karen Anderton, Mahendra Sethi, and Aliyu Barau. 2017. "Exploring the Governance and Politics of Transformations towards Sustainability." *Environmental Innovation and Societal Transitions* 24 (September): 1–16. <https://doi.org/10.1016/j.eist.2016.09.001>.
48. Porter, Michael. 1991. "America's Green Strategy." *Scientific American*, April 1991.

49. Porter, Michael, and Mark Kramer. 2011. "Creating Shared Value." *Harvard Business Review*, no. 89: 62–77.
50. Portney, K. E. 2013. "Local Sustainability Policies and Programs as Economic Development: Is the New Economic Development Sustainable Development?" *Cityscape* 15: 45–62.
51. Raworth, Kate. 2017. "A Doughnut for the Anthropocene: Humanity's Compass in the 21st Century." *The Lancet Planetary Health* 1 (2): e48–49.  
[https://doi.org/10.1016/S2542-5196\(17\)30028-1](https://doi.org/10.1016/S2542-5196(17)30028-1).
52. Rittel, Horst W. J., and Melvin M. Webber. 1973. "Dilemmas in a General Theory of Planning." *Policy Sciences* 4 (2): 155–69. <https://doi.org/10.1007/BF01405730>.
53. Robert, Kates W., Thomas M. Parris, and Anthony A. Leiserowitz. 2005. "What Is Sustainable Development? Goals, Indicators, Values, and Practice." *Environment: Science and Policy for Sustainable Development* 47 (3): 8–21.  
<https://doi.org/10.1080/00139157.2005.10524444>.
54. Rockström, Johan, Joyeeta Gupta, Dahe Qin, Steven J. Lade, Jesse F. Abrams, Lauren S. Andersen, David I. Armstrong McKay, et al. 2023. "Safe and Just Earth System Boundaries." *Nature* 619 (7968): 102–11. <https://doi.org/10.1038/s41586-023-06083-8>.
55. Russo, Michael V., and Paul A. Fouts. 1997. "A Resource-Based Perspective on Corporate Environmental Performance and Profitability." *Academy of Management Journal* 40 (3): 534–59. <https://doi.org/10.2307/257052>.
56. Seyfang, Gill, and Adrian Smith. 2007. "Grassroots Innovations for Sustainable Development: Towards a New Research and Policy Agenda." *Environmental Politics* 16 (4): 584–603. <https://doi.org/10.1080/09644010701419121>.
57. Starik, Mark, and Patricia Kanashiro. 2013. "Toward a Theory of Sustainability Management: Uncovering and Integrating the Nearly Obvious." *Organization & Environment* 26 (1): 7–30. <https://doi.org/10.1177/1086026612474958>.
58. Steffen, Will, Katherine Richardson, Johan Rockström, Sarah E. Cornell, Ingo Fetzer, Elena M. Bennett, Reinette Biggs, et al. 2015. "Planetary Boundaries: Guiding Human Development on a Changing Planet." *Science* 347 (6223): 1259855.  
<https://doi.org/10.1126/science.1259855>.

59. Throsby, David, and Ekaterina Petetskaya. 2016. "Sustainability Concepts in Indigenous and Non-Indigenous Cultures." *International Journal of Cultural Property* 23 (2): 119–40. <https://doi.org/10.1017/S0940739116000084>.
60. Truffer, Bernhard, and Lars Coenen. 2012. "Environmental Innovation and Sustainability Transitions in Regional Studies." *Regional Studies* 46 (1): 1–21. <https://doi.org/10.1080/00343404.2012.646164>.
61. Tulder, Rob van, M. May Seitanidi, Andrew Crane, and Stephen Brammer. 2016. "Enhancing the Impact of Cross-Sector Partnerships: Four Impact Loops for Channelling Partnership Studies." *Journal of Business Ethics* 135 (1): 1–17. <https://doi.org/10.1007/s10551-015-2756-4>.
62. United Nations. 2015. "Transforming Our World: The 2030 Agenda for Sustainable Development." New York: United Nations. <https://sdgs.un.org/2030agenda>.
63. Vogel, David. 2010. "The Private Regulation of Global Corporate Conduct: Achievements and Limitations." *Business & Society* 49 (1): 68–87. <https://doi.org/10.1177/0007650309343407>.
64. Von Bertalanffy, Ludwig. 1972. "The History and Status of General Systems Theory." *Academy of Management Journal* 15 (4): 407–26. <https://doi.org/10.5465/255139>.
65. Vörösmarty, Charles J., Peter B. McIntyre, Mark O. Gessner, David Dudgeon, Alexander Prusevich, Pamela Green, Stanley Glidden, et al. 2010. "Global Threats to Human Water Security and River Biodiversity." *Nature* 467 (7315): 555–61. <https://doi.org/10.1038/nature09440>.
66. Wackernagel, Mathis, Larry Onisto, Patricia Bello, Alejandro Callejas Linares, Ina Susana López Falfán, Jesus Méndez García, Ana Isabel Suárez Guerrero, and Ma Guadalupe Suárez Guerrero. 1999. "National Natural Capital Accounting with the Ecological Footprint Concept." *Ecological Economics* 29 (3): 375–90. [https://doi.org/10.1016/S0921-8009\(98\)90063-5](https://doi.org/10.1016/S0921-8009(98)90063-5).
67. Walker, Brian, C. S. Holling, Stephen R. Carpenter, and Ann P. Kinzig. 2004. "Resilience, Adaptability and Transformability in Social-Ecological Systems." *Ecology and Society* 9 (2): Art 5. <https://doi.org/10.5751/ES-00650-090205>.

68. Weber, Olaf. n.d. "Sustainable Finance." In *Sustainability Science Handbook*, edited by Herald Heinrichs, Pim Martens, Gerd Michelson, and Arnim Wiek, 119–27. Heidelberg: Springer.
69. Westley, Frances, Per Olsson, Carl Folke, Thomas Homer-Dixon, Harrie Vredenburg, Derk Loorbach, John Thompson, et al. 2011. "Tipping Toward Sustainability: Emerging Pathways of Transformation." *AMBIO* 40 (7): 762–80. <https://doi.org/10.1007/s13280-011-0186-9>.
70. Wiedmann, Thomas, Manfred Lenzen, Lorenz T. Keyßer, and Julia K. Steinberger. 2020. "Scientists' Warning on Affluence." *Nature Communications* 11 (1): 3107. <https://doi.org/10.1038/s41467-020-16941-y>.
71. Williams, Amanda, Steve Kennedy, Felix Philipp, and Gail Whiteman. 2017. "Systems Thinking: A Review of Sustainability Management Research." *Journal of Cleaner Production* 148 (April): 866–81. <https://doi.org/10.1016/j.jclepro.2017.02.002>.
72. World Commission on Environment and Development. 1987. "Our Common Future." Oxford, UK: Oxford University Press. <https://sustainabledevelopment.un.org/content/documents/5987our-common-future.pdf>.
73. Wright, Christopher, and Daniel Nyberg. 2017. "An Inconvenient Truth: How Organizations Translate Climate Change into Business as Usual." *Academy of Management Journal* 60 (5): 1633–61. <https://doi.org/10.5465/amj.2015.0718>.