

PhD reading list – Sustainability Management – 2022

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

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1. Agyeman, J., Schlosberg, D., Craven, L., & Matthews, C. (2016). Trends and Directions in Environmental Justice: From Inequity to Everyday Life, Community, and Just Sustainabilities. *Annual Review of Environment and Resources*, 41(1), 321–340.
<https://doi.org/10.1146/annurev-environ-110615-090052>
2. Ali, S. H., Giurco, D., Arndt, N., Nickless, E., Brown, G., Demetriades, A., Durrheim, R., Enriquez, M. A., Kinnaird, J., Littleboy, A., Meinert, L. D., Oberhänsli, R., Salem, J., Schodde, R., Schneider, G., Vidal, O., & Yakovleva, N. (2017). Mineral supply for sustainable development requires resource governance. *Nature*, 543(7645), 367–372.
<https://doi.org/10.1038/nature21359>
3. Atleo, E. R. (2012). *Principles of tsawalk: An indigenous approach to global crisis*. UBC Press.
4. Ayres, R., van den Bergh, J., & Gowdy, J. (2001). Strong versus Weak Sustainability: Economics, Natural Sciences, and Consilience. *Environmental Ethics*, 23(2), 155–168.
<https://doi.org/10.5840/enviroethics200123225>
5. Bansal, P., & Song, H.-C. (2017). Similar But Not the Same: Differentiating Corporate Sustainability from Corporate Responsibility. *Academy of Management Annals*, 11(1), 105–149. <https://doi.org/10.5465/annals.2015.0095>

6. Battiston, S., Mandel, A., Monasterolo, I., Schütze, F., & Visentin, G. (2017). A climate stress-test of the financial system. *Nature Climate Change*, 7(4), 283–288.
<https://doi.org/10.1038/nclimate3255>
7. Beck, S., & Mahony, M. (2018). The IPCC and the new map of science and politics. *WIREs Climate Change*, 9(6). <https://doi.org/10.1002/wcc.547>
8. Blomsma, F., & Brennan, G. (2017). The Emergence of Circular Economy: A New Framing Around Prolonging Resource Productivity: The Emergence of Circular Economy. *Journal of Industrial Ecology*, 21(3), 603–614. <https://doi.org/10.1111/jiec.12603>
9. Boulding, K. (1966). The Economics of the Coming Spaceship Earth. In *Environmental Quality in a Growing Economy* (pp. 3–14). John Hopkins University Press.
10. Carroll, A. B. (1999). Corporate Social Responsibility: Evolution of a Definitional Construct. *Business & Society*, 38(3), 268–295. <https://doi.org/10.1177/000765039903800303>
11. Chan, S., Boran, I., van Asselt, H., Iacobuta, G., Niles, N., Rietig, K., Scobie, M., Bansard, J., Delgado Pugley, D., Delina, L. L., Eichhorn, F., Ellinger, P., Enechi, O., Hale, T., Hermwille, L., Hickmann, T., Honegger, M., Hurtado Epstein, A., La Hoz Theuer, S., ... Wambugu, G. (2019). Promises and risks of nonstate action in climate and sustainability governance. *WIREs Climate Change*, 10(3). <https://doi.org/10.1002/wcc.572>
12. Chertow, M. R. (2000). The IPAT Equation and Its Variants. *Journal of Industrial Ecology*, 4(4), 13–29. <https://doi.org/10.1162/10881980052541927>
13. Clark, W. C., & Harley, A. G. (2020). Sustainability Science: Toward a Synthesis. *Annual Review of Environment and Resources*, 45(1), 331–386. <https://doi.org/10.1146/annurev-environ-012420-043621>

14. Clarke, A., & Crane, A. (2018). Cross-Sector Partnerships for Systemic Change: Systematized Literature Review and Agenda for Further Research. *Journal of Business Ethics*, 150(2), 303–313. <https://doi.org/10.1007/s10551-018-3922-2>
15. Cordonier Segger, M.-C. (2021). Introduction. In *Crafting Trade and Investment Agreements for Sustainable Development: Athena's Treaties?* (pp. 3–30). Oxford University Press.
16. Cordonier Segger, M.-C., Gehring, M., & Newcombe, A. (2011). Promoting Sustainable Investment through International Law. In *Sustainable Development in World Investment Law* (pp. 771–792). Kluwer Law International.
17. Cordonier Segger, M.-C., & Harrington, A. (2019). UN Treaties on the Environment and Sustainable Development. In D. Malone, S. Chesterman, S. Villalpando, & A. Ivanovic (Eds.), *Oxford Handbook of United Nations Treaties* (pp. 201–228). Oxford University Press.
18. Costa, D., Quinteiro, P., & Dias, A. C. (2019). A systematic review of life cycle sustainability assessment: Current state, methodological challenges, and implementation issues. *Science of The Total Environment*, 686, 774–787.
<https://doi.org/10.1016/j.scitotenv.2019.05.435>
19. Costanza, R., d'Arge, R., de Groot, R., Farber, S., Grasso, M., Hannon, B., Limburg, K., Naeem, S., O'Neill, R. V., Paruelo, J., Raskin, R. G., Sutton, P., & van den Belt, M. (1997). The value of the world's ecosystem services and natural capital. *Nature*, 387(6630), 253–260. <https://doi.org/10.1038/387253a0>
20. Delmas, M. A., & Burbano, V. C. (2011). The Drivers of Greenwashing. *California Management Review*, 54(1), 64–87. <https://doi.org/10.1525/cmr.2011.54.1.64>

21. Deva, S. (2021). Business and Human Rights: Alternative Approaches to Transnational Regulation. *Annual Review of Law and Social Science*, 17(1), 139–158.
<https://doi.org/10.1146/annurev-lawsocsci-113020-074527>
22. Dietz, T., Ostrom, E., & Stern, P. C. (2003). The Struggle to Govern the Commons. *Science*, 302(5652), 1907–1912. <https://doi.org/10.1126/science.1091015>
23. DiMaggio, P. J., & Powell, W. W. (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>
24. Donaldson, T., & Preston, L. E. (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>
25. Ekwurzel, B., Boneham, J., Dalton, M. W., Heede, R., Mera, R. J., Allen, M. R., & Frumhoff, P. C. (2017). The rise in global atmospheric CO₂, surface temperature, and sea level from emissions traced to major carbon producers. *Climatic Change*, 144(4), 579–590.
<https://doi.org/10.1007/s10584-017-1978-0>
26. Elkington, J. (2002). *Cannibals with forks: The triple bottom line of 21st century business* (Reprint). Capstone.
27. Folke, C. (2006). Resilience: The emergence of a perspective for social–ecological systems analyses. *Global Environmental Change*, 16(3), 253–267.
<https://doi.org/10.1016/j.gloenvcha.2006.04.002>
28. Friedman, M. (1970). The Social Responsibility of Business is to Increase its Profits. *The New York Times Magazine*, 30.

29. Gibbs, D., & O'Neill, K. (2017). Future green economies and regional development: A research agenda. *Regional Studies*, 51(1), 161–173.
<https://doi.org/10.1080/00343404.2016.1255719>
30. Gibson, R. B. (2006). Sustainability assessment: Basic components of a practical approach. *Impact Assessment and Project Appraisal*, 24(3), 170–182.
<https://doi.org/10.3152/147154606781765147>
31. Gladwin, T. N., Kennelly, J. J., & Krause, T.-S. (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>
32. Goulder, L. H., & Stavins, R. N. (2002). Discounting: An eye on the future. *Nature*, 419(6908), 673–674. <https://doi.org/10.1038/419673a>
33. Gray, R. (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>
34. Hammer, J., & Pivo, G. (2017). The Triple Bottom Line and Sustainable Economic Development Theory and Practice. *Economic Development Quarterly*, 31(1), 25–36.
<https://doi.org/10.1177/0891242416674808>
35. Hanna, P., & Vanclay, F. (2013). Human rights, Indigenous peoples and the concept of Free, Prior and Informed Consent. *Impact Assessment and Project Appraisal*, 31(2), 146–157.
<https://doi.org/10.1080/14615517.2013.780373>

36. Hardin, G. (1968). The Tragedy of the Commons: The population problem has no technical solution; it requires a fundamental extension in morality. *Science*, 162(3859), 1243–1248.
<https://doi.org/10.1126/science.162.3859.1243>
37. Hart, S. L., & Dowell, G. (2011). Invited Editorial: A Natural-Resource-Based View of the Firm, Fifteen Years After. *Journal of Management*, 37(5), 1464–1479.
<https://doi.org/10.1177/0149206310390219>
38. Hellweg, S., & Milà i Canals, L. (2014). Emerging approaches, challenges and opportunities in life cycle assessment. *Science*, 344(6188), 1109–1113.
<https://doi.org/10.1126/science.1248361>
39. Hsiang, S., & Kopp, R. E. (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>
40. Hudson, R. (2007). Region and place: Rethinking regional development in the context of global environmental change. *Progress in Human Geography*, 31(6), 827–836.
<https://doi.org/10.1177/0309132507080622>
41. Isil, O., & Hernke, M. T. (2017). The Triple Bottom Line: A Critical Review from a Transdisciplinary Perspective. *Business Strategy and the Environment*, 26(8), 1235–1251.
<https://doi.org/10.1002/bse.1982>
42. Jackson, T., & Victor, P. A. (2016). Does slow growth lead to rising inequality? Some theoretical reflections and numerical simulations. *Ecological Economics*, 121, 206–219.
<https://doi.org/10.1016/j.ecolecon.2015.03.019>
43. Kimmerer, R. W. (2020). Burning Sweetgrass. In *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge, and the Teachings of Plants* (pp. 303–378). Penguin, Random House.

44. Kotler, P., & Zaltman, G. (1971). Social Marketing: An Approach to Planned Social Change. *Journal of Marketing*, 35(3), 3. <https://doi.org/10.2307/1249783>
45. Krausmann, F., Fischer-Kowalski, M., Schandl, H., & Eisenmenger, N. (2008). The Global Sociometabolic Transition: Past and Present Metabolic Profiles and Their Future Trajectories. *Journal of Industrial Ecology*, 12(5–6), 637–656. <https://doi.org/10.1111/j.1530-9290.2008.00065.x>
46. Levin, K., Cashore, B., Bernstein, S., & Auld, G. (2012). Overcoming the tragedy of super wicked problems: Constraining our future selves to ameliorate global climate change. *Policy Sciences*, 45(2), 123–152. <https://doi.org/10.1007/s11077-012-9151-0>
47. Lovins, A. B., Lovins, L. H., & Hawken, P. (1999). A road map for natural capitalism. *Harvard Business Review*, 77(3), 145–158.
48. Nilsson, M., Griggs, D., & Visbeck, M. (2016). Policy: Map the interactions between Sustainable Development Goals. *Nature*, 534(7607), 320–322. <https://doi.org/10.1038/534320a>
49. Norde, W. (1997). Energy and entropy: A thermodynamic approach to sustainability. *Environmentalist*, 17(1), 57–62. <https://doi.org/10.1023/A:1018535529785>
50. Paterson, M., & P-Laberge, X. (2018). Political economies of climate change. *WIREs Climate Change*, 9(2). <https://doi.org/10.1002/wcc.506>
51. Patterson, J., Schulz, K., Vervoort, J., van der Hel, S., Widerberg, O., Adler, C., Hurlbert, M., Anderton, K., Sethi, M., & Barau, A. (2017). Exploring the governance and politics of transformations towards sustainability. *Environmental Innovation and Societal Transitions*, 24, 1–16. <https://doi.org/10.1016/j.eist.2016.09.001>

52. Pearce, D., Groom, B., Hepburn, C., & Koundouri, P. (2003). Valuing the Future. *World Economics*, 4(2), 121–141.
53. Porter, M. (1991, April). America's Green Strategy. *Scientific American*.
54. Porter, M., & Kramer, M. (2011). Creating Shared Value. *Harvard Business Review*, 89, 62–77.
55. Portney, K. E. (2013). Local Sustainability Policies and Programs as Economic Development: Is the new economic development sustainable development? *Cityscape*, 15, 45–62.
56. Raworth, K. (2017). A Doughnut for the Anthropocene: Humanity's compass in the 21st century. *The Lancet Planetary Health*, 1(2), e48–e49. [https://doi.org/10.1016/S2542-5196\(17\)30028-1](https://doi.org/10.1016/S2542-5196(17)30028-1)
57. Rittel, H. W. J., & Webber, M. M. (1973). Dilemmas in a general theory of planning. *Policy Sciences*, 4(2), 155–169. <https://doi.org/10.1007/BF01405730>
58. Robert, K. W., Parris, T. M., & Leiserowitz, A. A. (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>
59. Russo, M. V., & Fouts, P. A. (1997). A Resource-Based Perspective on Corporate Environmental Performance and Profitability. *Academy of Management Journal*, 40(3), 534–559. <https://doi.org/10.2307/257052>
60. Scott, C. (2020). Managing and Regulating Commitments to Equality, Diversity and Inclusion in Higher Education. *Irish Educational Studies*, 39(2), 175–191. <https://doi.org/10.1080/03323315.2020.1754879>

61. Seyfang, G., & Smith, A. (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>
62. Spaargaren, G., & Mol, A. P. J. (2013). Carbon flows, carbon markets, and low-carbon lifestyles: Reflecting on the role of markets in climate governance. *Environmental Politics*, 22(1), 174–193. <https://doi.org/10.1080/09644016.2013.755840>
63. Starik, M., & Kanashiro, P. (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>
64. Steffen, W., Richardson, K., Rockström, J., Cornell, S. E., Fetzer, I., Bennett, E. M., Biggs, R., Carpenter, S. R., de Vries, W., de Wit, C. A., Folke, C., Gerten, D., Heinke, J., Mace, G. M., Persson, L. M., Ramanathan, V., Reyers, B., & Sörlin, S. (2015). Planetary boundaries: Guiding human development on a changing planet. *Science*, 347(6223), 1259855.
<https://doi.org/10.1126/science.1259855>
65. Throsby, D., & Petetskaya, E. (2016). Sustainability Concepts in Indigenous and Non-Indigenous Cultures. *International Journal of Cultural Property*, 23(2), 119–140.
<https://doi.org/10.1017/S0940739116000084>
66. Truffer, B., & Coenen, L. (2012). Environmental Innovation and Sustainability Transitions in Regional Studies. *Regional Studies*, 46(1), 1–21.
<https://doi.org/10.1080/00343404.2012.646164>
67. Tulder, R. van, Seitanidi, M. M., Crane, A., & Brammer, S. (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>

68. United Nations. (2015). *Transforming our World: The 2030 Agenda for Sustainable Development*. United Nations. <https://sdgs.un.org/2030agenda>
69. Vogel, D. (2010). The Private Regulation of Global Corporate Conduct: Achievements and Limitations. *Business & Society*, 49(1), 68–87. <https://doi.org/10.1177/0007650309343407>
70. Von Bertalanffy, L. (1972). The History and Status of General Systems Theory. *Academy of Management Journal*, 15(4), 407–426. <https://doi.org/10.5465/255139>
71. Vörösmarty, C. J., McIntyre, P. B., Gessner, M. O., Dudgeon, D., Prusevich, A., Green, P., Glidden, S., Bunn, S. E., Sullivan, C. A., Liermann, C. R., & Davies, P. M. (2010). Global threats to human water security and river biodiversity. *Nature*, 467(7315), 555–561. <https://doi.org/10.1038/nature09440>
72. Wackernagel, M., Onisto, L., Bello, P., Callejas Linares, A., Susana López Falfán, I., Méndez García, J., Isabel Suárez Guerrero, A., & Guadalupe Suárez Guerrero, M. (1999). National natural capital accounting with the ecological footprint concept. *Ecological Economics*, 29(3), 375–390. [https://doi.org/10.1016/S0921-8009\(98\)90063-5](https://doi.org/10.1016/S0921-8009(98)90063-5)
73. Walker, B., Holling, C. S., Carpenter, S. R., & Kinzig, A. P. (2004). Resilience, Adaptability and Transformability in Social-ecological Systems. *Ecology and Society*, 9(2), Art 5. <https://doi.org/10.5751/ES-00650-090205>
74. Weber, O. (n.d.). Sustainable Finance. In H. Heinrichs, P. Martens, G. Michelson, & A. Wiek (Eds.), *Sustainability Science Handbook* (pp. 119–127). Springer.
75. Westley, F., Olsson, P., Folke, C., Homer-Dixon, T., Vredenburg, H., Loorbach, D., Thompson, J., Nilsson, M., Lambin, E., Sendzimir, J., Banerjee, B., Galaz, V., & van der Leeuw, S. (2011). Tipping Toward Sustainability: Emerging Pathways of Transformation. *AMBIO*, 40(7), 762–780. <https://doi.org/10.1007/s13280-011-0186-9>

76. Wiedmann, T., Lenzen, M., Keyßer, L. T., & Steinberger, J. K. (2020). Scientists' warning on affluence. *Nature Communications*, 11(1), 3107. <https://doi.org/10.1038/s41467-020-16941-y>
77. Williams, A., Kennedy, S., Philipp, F., & Whiteman, G. (2017). Systems thinking: A review of sustainability management research. *Journal of Cleaner Production*, 148, 866–881. <https://doi.org/10.1016/j.jclepro.2017.02.002>
78. World Commission on Environment and Development. (1987). *Our common future*. Oxford University Press. <https://sustainabledevelopment.un.org/content/documents/5987our-common-future.pdf>
79. Wright, C., & Nyberg, D. (2017). An Inconvenient Truth: How Organizations Translate Climate Change into Business as Usual. *Academy of Management Journal*, 60(5), 1633–1661. <https://doi.org/10.5465/amj.2015.0718>