



**Literature for HEKM20, Human Ecology: Transdisciplinary
Critical Theories of Science, Part 1 applies from the autumn
semester 2024**

**Literature established by the board of the Department of Human Geography
on 2024-09-03 to apply from 2024-11-01**

See appendix.

Department of Human Geography and Division of
Human Ecology

Compulsory readings

Books

Benton, Ted and Craib, Ian (2023) *Philosophy of Social Science: The Philosophical Foundations of Social Thought*. (3rd ed.) Basingstoke: Palgrave Macmillan. (328 pp)

Sismondo, Sergio (2010). *An introduction to science and technology studies*. Chichester: Wiley- Blackwell. (240 pp)

Total (books): 568 pages

Articles

Aronowsky, Leah. "Gas Guzzling Gaia, Or: A Prehistory of Climate Change Denialism." *Critical Inquiry* 47, no. 2 (2021): 306-27. (21 pages)

Bhaskar, Roy (2008)[1975] *Introduction, A Realist Theory of Science*, Routledge. (9 pages)

Bennett, Jane. *Vibrant Matter: A Political Ecology of Things*. Duke University Press, 2010. Preface pp vii-xix (13 pages)

Bernstein, Jay H. "Transdisciplinarity: A Review of Its Origins, Development, and Current Issues." (2015). *Journal of Research Practice* Vol 11, Issue 1, Article R1, 2015 (20 pages)

Boyd, Richard, Gasper, Philip & Trout, J.D. (eds.) (1991). *The philosophy of science*. Cambridge, Ma. & London: The MIT Press. Glossary, pp. 774–781. (8 pages)

Butler, Judith, *What is Critique An Essay on Foucault's Virtue*, *Kritik*, May 2001. (13 pages)

De Pryck, Kari. (2023) *Governmental Approval*. In Kari de Pryck & Mike Hulme (Eds.), *A critical assessment of the Intergovernmental Panel on Climate Change*. (9 pages)

Dixon, Deborah P. and Jones, John Paul III (2006). *Feminist geographies of difference, relation, and construction*. In Stuart Aitken, & Gill Valentine (Eds.), *Approaches to human geography* (pp. 53-67). SAGE Publications Ltd. (15 pages)

England, Kim. (2006). *Producing feminist geographies: Theories, methodologies, and research strategies*. In Stuart Aitken, & Gill Valentine (Eds.), *Approaches to human geography* (pp. 296- 308). SAGE Publications Ltd. (13 pages)

Fotheringham, A. Stuart. *Quantification, evidence, and positivism*. (2006). In Stuart Aitken, & Gill Valentine (Eds.), *Approaches to human geography* (pp. 248-261). SAGE Publications Ltd. (14 pages)

- Fox, Nick J. (2008). Post-positivism. In: Given, L.M. (ed.) *The SAGE Encyclopaedia of Qualitative Research Methods*. London: Sage. (10 pages)
- Gay-Antaki, Miriam. (2021). Stories from the IPCC: An essay on climate science in fourteen questions. *Global Environmental Change*, 71, 102384. (10 pages)
- Guba, Egon. G. & Lincoln, Yvonna S. (1994): 'Competing paradigms in qualitative research' (ch.6). In: Denzin, N.K. and Lincoln, Y.S. (eds.), *The SAGE Handbook of qualitative research* Thousand Oaks: Sage, pp. 105–117. (13 pages)
- Hacking, Ian (1999). *The social construction of what?* Cambridge, Ma and London: Harvard University Press. Chapter 1 ['Why Ask What?'], pp. 1–34. (34 pages)
- Harrison, Paul. (2006). Poststructuralist theories. In Stuart Aitken, & Gill Valentine (Eds.), *Approaches to human geography* (pp. 133-146). SAGE Publications Ltd. (14 pages)
- Hartz, Friederike. (2022) *Leaking the IPCC: A question of responsibility?*. Wiley Interdisciplinary Reviews: Climate Change: e814. (8 pages)
- Jebeile, Julie (2020) Values and Objectivity in the Intergovernmental Panel on Climate Change, *Social Epistemology*, 34:5, 453-468, DOI: 10.1080/02691728.2020.1779380 (17 pages)
- Kitchin, Rob (2006). Positivist Geographies and Spatial Science. In Stuart Aitken, & Gill Valentine (Eds.), *Approaches to human geography* (pp. 20-29). SAGE Publications Ltd. (10 pages)
- Kwan, Mei-Po, and Schwanen, Tim (2009). Quantitative Revolution 2: The Critical (Re)Turn. *The Professional Geographer*, 61(3): 283-291. DOI: 10.1080/0033012090293903. (11 pages)
- Landström, Catharina. "Public Participation in Environmental Science." In *Environmental Participation: Practices Engaging the Public with Science and Governance*, pp. 23-43. Cham: Springer International Publishing, 2020. (20 pages)
- Leeuw, Sarah de, and Sarah Hunt. (2018). Unsettling Decolonizing Geographies. *Geography Compass* 12, no. 7: e12376. <https://doi.org/10.1111/gec3.12376>. (14 pages)
- Liboiron, Max. (2021). Decolonizing Geoscience Requires More than Equity and Inclusion. *Nature Geoscience* 14, no. 12: 876–77. <https://doi.org/10.1038/s41561-021-00861-7>. (1 page)
- Pasek, Anne. (2021)"Carbon Vitalism: Life and the Body in Climate Denial." *Environmental Humanities* 13, no. 1: 1-20. (20 pages)
- Radcliffe, Sarah A. (2017). Decolonising Geographical Knowledges. *Transactions of the Institute of British Geographers* 42, no. 3: 329–33. <https://doi.org/10.1111/tran.12195>. (5 pages)
- Roos, Andreas, (under review) *Greenwashing: A critical realist approach to the study of false ecological claims*. (29 pages)
- Smith, Linda. T. (1999). *Decolonizing Methodologies: Research and Indigenous Peoples*. Zed Books. Chapters 2 and 7 (38 pages) (available as e-book)
- Stehr, Nico, and Alexander Ruser (2023). "The Political Climate and Climate Politics—Expert Knowledge and Democracy." *The Oxford Handbook of Expertise and Democratic Politics*: 134. (19 pages) (available as e-book)

Vowles, Kjell (2023) “Talking heads and contrarian graphs: televising the Swedish far right’s climate denialism” in Forchtner, Bernhard. Visualising far-right environments Communication and the politics of nature, Manchester University Press. (21 pages)

Weingart, Peter (1999). Scientific expertise and political accountability: Paradoxes of science in politics. *Science and Public Policy*, 26(3), 151-161 (11 pages).

Total (articles): circa 419 pages

Additional articles and readings max 100 pages

Total compulsory readings: 1087 pages