

## GEO 308: Theory of science and research design for geographers

### Reading list 2017

*Compendium can be bought at litteraturkiosken.uib.no. Students should read the literature set up for the joint lectures and choose between the literature for physical geography/environmental geography or human geography.*

<b>Compulsory reading list (joint lectures)</b>	<b>Available</b>	<b>Pages</b>
Cresswell, T. 2013. <i>Geographical Thought: A Critical Introduction</i> . Oxford: Wiley-Blackwell (Ch. 1, "Introduction", pp.1-13)	<i>Compendium (Ch. 1) or Akademika</i>	13
Inkpen, R. 2004. <i>Science, Philosophy and Physical Geography</i> . London: Routledge. (Ch. 2, "The nature of reality", pp. 31-52)	<i>Compendium (Ch. 2) or Akademika</i>	45
Fleck, L. (1979), <i>Genesis and Development of a Scientific Fact</i> , Chicago: University of Chicago Press. Prologue, Ch. 1 ("How the Modern Concept of Syphilis Originated") & Ch. 2 ("Epistemological Conclusions from the Established History of a Concept"), pp. 1-51.	<i>Oria.no</i>	51
Haines-Young, R.H. & Petch, J.R., 1986, <i>Physical Geography: Its nature and methods</i> , London: Harper & Row Publishers, Ch. 2 & 3	<i>Akademika</i>	45
Hart, G. "When Presidents Lie: The Post-Truth Presidency", <i>New York Times</i> , October 10, 2016, <a href="http://www.nytimes.com/2016/10/10/books/review/when-presidents-lie-the-posttruth-presidency.html">http://www.nytimes.com/2016/10/10/books/review/when-presidents-lie-the-posttruth-presidency.html</a>	<i>Nytimes.com (see link)</i>	3
Davies, W, "The Age of Post-Truth Politics", <i>New York Times</i> , August 24, 2016, <a href="https://www.nytimes.com/2016/08/24/opinion/campaign-stops/the-age-of-post-truth-politics.html">https://www.nytimes.com/2016/08/24/opinion/campaign-stops/the-age-of-post-truth-politics.html</a>	<i>Nytimes.com (see link)</i>	5
Couper, P. (2015). <i>A Student's Introduction to Geographical Thought, Theories, Philosophies, Methodologies</i> , London: Sage, pp. 85-115	<i>Compendium (pp. 85-115) or Akademika</i>	20
Aase, Tor Halfdan and Fossåskaret, Erik 2007. <i>Skapte virkeligheter. Om produksjon og tolkning av kvalitative data</i> . Oslo: Universitetsforlaget. (Ch. 2)	<i>UoB Library</i>	16
OR Alonso, P. (2003) Conceptual integration as a source of discourse coherence: a theoretical approach with some examples from William Boyd's "My Girl in Skin-Tight Jeans". <i>Allantis</i> 25.2, 13-23	<i>Oria.no</i>	10
Johnston, R & Sidaway, J (2016). <i>Geography and Geographers: Anglo-American Human Geography since 1945</i> (6th ed). London: Routledge, Ch. 1.	<i>Compendium (Ch. 1)</i>	24
Gibbons, M. 1999. Science's new social contract with society. <i>Nature</i> Vol. 402, 81-84.	<i>Oria.no</i>	4
Jasanoff, S., ed. (2004). <i>States of Knowledge: The Co-Production of Science and Social Order</i> , London, Routledge, Ch. 2 ("Ordering Knowledge, Ordering Society"), pp. 13-45.	<i>Compendium (Ch. 2)</i>	32
Winner, L. (1986): Do Artifacts Have Politics, in <i>The Whale and the Reactor</i> , Chicago: University of Chicago Press, pp. 19-39.	<i>Oria.no</i>	20

<b>Human Geography reading list</b>	<b>Available</b>	<b>Pages</b>
Cresswell, T. 2013. <i>Geographical Thought: A Critical Introduction</i> . Oxford: Wiley-Blackwell (Ch. 5-12)	<i>Akademika</i>	160
Cope, M. 2002. Feminist epistemology in geography. In: Moss, P. (Ed.) <i>Feminist Geography in Practice. Research and Methods</i> . Oxford: Blackwell Publishing. (pp. 43-56).	<i>Compendium</i>	13
Valentine, G. 2007. Theorizing and researching intersectionality: a challenge for feminist geography. <i>The Professional Geographer</i> , Vol. 59 10-21.	<i>Oria.no</i>	11
Murdoch, J. 2005. Post-structural geography: A Guide to Relational Space, Sage, London, Ch. 1 ("Post-structuralism and relational space"), pp. 1-26	<i>Compendium</i>	26
Latour, B. 2002. Gabriel Tarde and the End of the Social. In: Patrick Joyce (Ed.) <i>The Social in Question: New Bearings in History and the Social Sciences</i> . London: Routledge. (pp. 117-133)	<i>Compendium</i>	17
Haarstad & Wanvik 2016. Carbonscapes and beyond: Conceptualizing the instability of oil landscapes, <i>Progress in Human Geography</i>	<i>Oria.no</i>	19
Anderson, B., Kearnes, M., McFarlane & Swanton, D. 2012. On assemblages and geography. <i>Dialogues in Human Geography</i> Vol. 2, 171-189.	<i>Oria.no</i>	19

<b>Physical Geography reading list</b>	<b>Available</b>	<b>Pages</b>
Bøe, A-G., Dahl, S.O., Lie, Ø., & Nesje, A. 2006: Holocene river floods in the upper Glomma catchment, southern Norway: a high-resolution multiproxy record from lacustrine sediments, <i>The Holocene</i> 16 (3): pp.445-455	<i>Compendium</i>	10
Dahl, S.O., Bakke, J., Lie, Ø., & Nesje, A. 2003: Reconstruction of former glazier equilibrium-line altitudes based on proglacial sites: an evaluation of approaches and selection of sites, <i>Quaternary Science Reviews</i> 22, pp. 275-287	<i>Compendium</i>	12
Haines-Young, R.H. & Petch, J.R., 1986, Physical Geography: Its nature and methods, London: Harper & Row Publishers, Ch. 1, 4 & 5	<i>Akademika</i>	25
Hilborn, R. and Mangel, M. 1997. <i>The Ecological Detective. Confronting Models with Data</i> . Princeton: Princeton University Press (Ch. 1 & 2, and appendix).	<i>Compendium</i>	50
Black, M. 1962. <i>Models and Metaphors. Studies in Language and Philosophy</i> . New York: Cornell University Press (Ch. 8, p.219-243, Models & Archetypes)	<i>Compendium</i>	25
Kirby, M.J. 1987: Models in Physical Geography, in Clark, M., Gregory, K.J. & Gurnell, A.M. (eds.) <i>Horizons in Physical Geography</i> (p.47-61). Totowa: Barnes & Noble Books	<i>Compendium</i>	15

<b><i>Recommended readings</i></b>	<b>Available</b>	<b>Pages</b>
Inkpen, R. 2004. Science, Philosophy and Physical Geography. London: Routledge. (Especially Ch. 1, “Ideas, change and stability in physical geography”, pp. 7-30)	<i>Akademika</i> <i>UoB Library</i>	23
Lakoff, G. and Johnson, M. 1999. Philosophy in the Flesh. The Embodied Mind and its Challenge to Western Thought. New York: Basic Books. (pp. 3-93)	<i>UoB Library</i>	90
Couper, P. 2015. A student’s introduction to geographical thought, Theories, philosophies, methodologies, London: Sage	<i>UoB Library</i>	215
Holt-Jensen, A. 2009. Geography: History and Concepts. London: Sage, Especially Ch. 4 & 6	<i>UoB Library</i>	51