



Literature for HEKM20, Human Ecology: Transdisciplinary Critical Theories of Science, Part 1 applies from autumn semester 2016

**Literature established by The Board of the Department of Human Geography
on 2016-05-03 to apply from 2016-08-29**

HEKM20 Transdisciplinary Critical Theories of Science I, 7,5 higher education credits

Books

Chalmers, Alan F. 2013. What Is This Thing Called Science? Fourth Edition.
Indianapolis, IN: Hackett Publishing. 304 pp.

Latour, Bruno. 1987. Science in Action: How to Follow Scientists and Engineers
Through Society. Cambridge, MA: Harvard University Press. 274 pp.

Articles

Burman, Anders. (forthcoming) "Damnés Realities and Ontological Disobedience:
Notes on the Coloniality of Reality in Higher Education in the Bolivian Andes and
Beyond". In E. Rosen Velasquez & R. D. Hernandez (eds.) Decolonizing the
Westernized University From Within and Without. Lanham, MD: Lexington
Books/Rowman & Littlefield. (ca 25 sidor)

Collins, Patricia H. (1997) "Comment on Hekman's 'Truth and Method: Feminist
Standpoint Theory Revisited': Where's the Power? Signs 22(2): 375-381.

Elder-Vass, Dave. (2007) "For Emergence: Refining Archer's Account of Social
Structure." Journal for the Theory of Social Behaviour 37(1): 25-44.

Escobar, Arturo. (2007) "Worlds and knowledges otherwise: The Latin American
modernity/coloniality research program." Cultural Studies 21 (2-3): 179-210.

Evans, James. (2010) "Industry collaboration, scientific sharing, and the dissemination of knowledge." *Social Studies of Science* 40(5): 757-791.

Gunnarsson, Lena. (2015) "Why we keep separating the 'inseparable': Dialecticizing intersectionality." *European Journal of Women's Studies* p. 1–14

Hale, Charles R. (2001) "What is activist research?" *Items and Issues* 2(1-2):13-15.

Hale, Charles R. (2006) "Activist research v. cultural critique: indigenous land rights and the contradictions of politically engaged anthropology." *Cultural Anthropology* 21(1): 96-120.

Haraway, Donna. (1988) "Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspective." *Feminist Studies* 14(3): 575-599

Hirsch Hadorn, Gertrude, Christian Pohl, and Gabriele Bammer. (2010) "Solving problems through transdisciplinary research." In Frodeman, Klein and Mitcham (eds.) *The Oxford handbook of interdisciplinarity*. Oxford University Press. 431-452.

Laclou, Ernesto. & Roy Bhaskar. (1998) "Discourse Theory vs Critical Realism." *Debate. Journal of Critical Realism*. 1(2): 9-14.

Lane, Stuart N. et al. (2011) "Doing flood risk science differently: an experiment in radical scientific method." *Transactions of the Institute of British Geographers* 36(1): 15-36.

Lang, Daniel J. et al. (2012) "Transdisciplinary research in sustainability science: practice, principles, and challenges." *Sustainability Science* 7(1): 25–43.

Latour, Bruno. (2006) *A Textbook Case Revisited. Knowledge as mode of existence*. <http://www.bruno-latour.fr/sites/default/files/99-HANDBOOK-GB.pdf> (ca 30 sidor)

Lave, Rebecca. (2012) "Neoliberalism and the Production of Environmental Knowledge." *Environment and Society: Advances in Research* 3(1): 19-38.

Lave, Rebecca. (2015) "Reassembling the structural: political ecology and Actor-Network Theory" in Perreault, T., Bridge, G. & McCarthy, J. (eds.) *The Routledge Handbook to Political Ecology*. London & New York: Routledge. 213-223

Lave, Rebecca, Philip Mirowski, & Samuel Randalls. (2010) "Introduction: STS and Neoliberal Science." *Social Studies of Science* 40(5): 659-675.

Merton, Robert K. (1973) "The Normative Structure of Science." In Storer, N.W. (ed.) *The Sociology of Science: Theoretical and Empirical Investigations*. Chicago and London: University of Chicago Press. 267-278

Mirowski, Philip & Sent Esther M. (2008) "The Commercialization of Science and the Response of STS." In: (eds) The Handbook of Science and Technology Studies, Cambridge, MA: MIT Press, pp. 635-690.

Mohanty, Chandra T. (2013). "Transnational feminist crossings: On neoliberalism and radical critique." *Signs* 38(4): 967-991

Mol, Annemarie. (1999) Ontological politics. A word and some questions. *The Sociological Review* 47(S1): 74-89.

Robert, John M. (2014) "Critical Realism, Dialectics, and Qualitative Research Methods." *Journal for the Theory of Social Behaviour* 44(1): 1-24

Weingart, Peter. (2010) "A short history of knowledge formations." In Frodeman, Klein and Mitcham (eds.) *The Oxford handbook of interdisciplinarity*. Oxford University Press. 3-14

Wynne, Brian. (2007) "Misunderstood misunderstandings: social identities and public uptake of science." In: Irwin, A., Wynne, B. (Eds.), *Misunderstanding Science?: The Public Reconstruction of Science and Technology*. Cambridge: Cambridge University Press. 281-304

Totalt antal sidor: ca 1000