

Reading List STS-Africa by Sandra Harding

This reading list was prepared by Sandra Harding supplementary to her keynote lecture Moving South and East: Epistemic Modernization for Global Northern Philosophies of Science at the conference Relocating Science and Technology at the Max Planck Institute for Social Anthropology in July 2012.

- Adas, Michael. 1989. Machines as the Measure of Man. Ithaca, N.Y.: Cornell University Press
- Anderson, Warwick, 2009. "From Subjugated Knowledge to Conjugated Subjects: Science and Globalisation, or Postcolonial Studies of Science?" In, "Colonialism, Postcolonialism, and Science," ed. Suman Seth. Special Issue *Postcolonial Studies* 12:4.
- ----- and Gabrielle Hecht. ed. 2002. "Postcolonial Technoscience," Special issue, Social Studies of Science. 32.
- ----- and Vincanne Adams, 2007. "Pramoedya's Chickens: Postcolonial Studies of Technoscience," in *The Handbook of Science and Technology Studies 3rd Ed*, ed. Edward J. Hackett et al. Cambridge: MIT Press, 181-207.
- Ashcroft, Bill, Gareth Griffiths, and Helen Tiffin, eds. 1995. *The Postcolonial Studies Reader*. New York: Routledge, 1995.
- Backstrand, Karin. 2003. "Civic Science for Sustainability: Reframing the Role of Experts, Policy-Makers, and Citizens in Environmental Governance," *Global Environmental Politics* 3:4.
- Beck, Ulrich. 1997. The Reinvention of Politics: Rethinking Modernity in the Global Social Order. Cambridge, U.K.: Polity Press.
- Brockway, Lucille H. Science and Colonial Expansion: The Role of the British Royal Botanical Gardens. New York: Academic Press, 1979.
- Calhoun, Craig, Michael Warner, and Jonathan Van Antwerpen, eds. 2007. *Varieties of Secularism in a Secular Age*. Cambridge: Harvard University Press.
- Callon, Michael, Pierre Lascoumes and Yannick Barthe. 2009. Acting in an Uncertain World:

 An Essay on Technical Democracy. Trans. Graham Burchell. Cambridge: MIT Press.
- Cartwright, Nancy. 1999. The Dappled World. Cambridge: Cambridge University Press.
- Collins, Harry and Robert Evans. 2007. *Rethinking Expertise*. Chicago: University of Chicago Press.



- Connolly, William, 2000. Why I Am Not a Secularist. Minneapolis: University of Minnesota Press.
- Curtin, Philip, 1961. "The White Man's Grave": Image and Reality, 1780-1880." *Journal of British Studies, 1.* 94-110.
- Daston, Lorraine and Peter Galison , 2007. Objectivity. New York: Zone Books.
- Dupre, John 1993. The Disorder of Things: Metaphysical Foundations for the Disunity of Science. Cambridge, Mass. Harvard University Press.
- Eisenstadt, S.N., ed. 2000. "Multiple Modernities," Special issue, Daedalus 129, no. 1.
- ----- and Wolfgng Schluchter, eds. 1998. "Early Modernities." Special issue, *Daedalus* 127, no. 3.
- Fanon, Frantz. 2002 "Medicine and Colonialism," in A *Dying Colonialism*. New York: Grove Press. 121-145.
- Fausto-Sterling, Anne. 1994 (1985). Myths of Gender: Biological Theories About Women and Men. New York: Basic Books.
- Galison, Peter and David Stump, eds. 1996. *The Disunity of Science*. Palo Alto, Calif: Stanford University Press.
- Giddens, Anthony. 1994. "Living in a Post-Traditional Society," in *Reflexive Modernization*, Ulrich Beck, Anthony Giddens, and Scott Lash, eds. Cambridge, U.K.: Polity Press.
- Goodenough, Ward H. 1996. "Navigation in the Western Carolines: A Traditional Science." In Naked Science: Anthropological Inquiry into Boundaries, Power, and Knowledge, ed. Laura Nader. New York: Routledge, 1996.
- Goonatilake, Susantha 1998. Toward a Global Science: Mining Civilizational Knowledge. Bloomington: Indiana University Press, 1998..
- Gould, Stephen Jay. 1981. The Mismeasure of Man. New York: Norton.
- Gross, Matthias. 2011. "Democratizing Scientific Uncertainty: Review Essay." Public Understanding of Science 20 (6). 863-864.
- Gupta, Akhil 1998. Postcolonial Developments: Agriculture in the Making of Modern India. Durham, N.C.: Duke University Press.
- Hacking, Ian. 1983. Representing and Intervening. Cambridge: Cambridge University Press.
- Haraway, Donna. 1991. "Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspectives." In Simians, Cyborgs, and Womenh: The Reinvention of Nature. New York: Routledge.
- Harding. Sandra, ed. 1976. Can Theories Be Refuted? Essays on the Duhem-Quine Thesis.

 Dordrecht: D. Reidel.
- -----1993, "After Eurocentrism: Challenges for the Philosophy of Science" PSA:

 Proceedings of the Biennial Meeting of the Philosophy of Science Association 1992, vol 2, pp. 311-319.



- -----.1998. Is Science Multicultural? Postcolonialisms, Feminisms, and Epistemologies. Bloomington: Indiana University Press.
- -----, 2008. Sciences From Below: Feminisms, Postcolonialities, and Modernities."

 Durham, N.C.:Duke University Press.
- -----, 2009. "Postcolonial and Feminist Philosophies of Science and Technology: Convergences and Dissonances," *Postcolonial Studies* 12:4, 401-421.
- -----, ed, (2011). The Postcolonial Science and Technology Studies Reader. Durham, N.C.: Duke University Press.
- -----, Forthcoming. "Must sciences be secular? Rethinking indigenous knowledge."
- Hess, David J. 1995. Science and Technology in a Multicultural World. New York: Columbia University Press.
- -----, 2011. "Science in an Era of Globalization: Alternative Pathways," in *The Postcolonial Science and Technology Studies Reader*, ed. Sandra Harding. Durham: Duke University Press.
- Hollinger, David. 1996. *Science, Jews, and Secular Culture*. Princeton: Princeton University Press.
- Hoppers, Catherine A. Odora, ed. 2002. *Indigenous Knowledge and the Integration of Knowledge Systems: Towards a Philosophy of Articulation*. Claremont, S. Africa: New Africa Books.
- Hubbard, Ruth. 1992. *The Politics of Women's Biology*. New Brunswick: Rutgers University Press.
- Jakobsen, J.R. and A. Pellegrini, ed. 2008. Secularisms. Durham: Duke University Press.
- Jasanoff, Sheila, ed. 2004a. States of Knowledge: The Co-Production of Science and the Social Order. New York: Routledge.
- -----, ed. 2005..Designs on Nature: Science and Democracy in Europe and the United States. Princeton: Princeton University Press.
- Jones, James H. 1981. Bad Blood. New York: The Free Press.
- Kellert, Stephen H., Helen E. Longino, and C. Kenneth Waters. 2006. *Scientific Pluralism*, Vol XIX in Minnesota Studies in the Philosophy of Science. Minneapolis, Minn: University of Minnesota Press.
- Kuhn, Thomas S. 1970. The Structure of Scientific Revolutions, 2nd Ed. Chicago: University of Chicago Press.
- Levey, G.B. and Tariq Modood, eds. 2009. Secularism, Religion and Multicultural Citizenship. New York: Cambridge University Press.
- Lewontin, R.C., Steven Rose, and Leon J. Kamin. 1984. *Not in Our Genes*. New York: Pantheon Books.
- Maffi, Luisa, ed. On Biocultural Diversity: Linking Language, Knowledge, and the



- Environment. Washington D.C.: Smithsonian Institution Press.
- Malinowski, Bronislaw. [1925] 1948. *Magic, Science and Religion and Other Essays* Garden City, New York: Doubleday Anchor.
- Marks, Jonathan, 2007. "Intelligent Design and the Native's Point of View (Assuming the Native is an Educated Eighteenth-Century European," *Darwin and the Bible: The Cultural Confrontation*. Boston: Pearson Education.
- McClellan, James E. 1992. Colonialism and Science: Saint Domingue in the Old Regine.
 Baltimore: Johns Hopkins University Press.
- McNeil, Maureen, ed.. 2005. "Postcolonial Technoscience," Special Issue of *Science as Culture*. 14:2.
- Mendieta, Eduardo, and Jonathan Van Antwerpen, eds. 2011. *The Power of Religion in the Public Sphere*. New York: Columbia University Press.
- Mignolo, Walter D. 2000. Local Histories: Global Designs: Coloniality, Subaltern Knowledges, and Border Thinking. Princeton: Princeton University Press.
- Muhlhausler, Peter. 2001. "Ecolinguistics, Linguistic Diversity, Ecological Diversity." In On Biocultural Diversity: Linking Language, Knowledge, and the Environment. Ed Luisa Maffi. Washington D.C.: Smithsonian Institution Press.
- Murata, Junichi. 2003. "Creativity of Technology and the Modernization Process of Japan." In Science and Other Cultures: Issues in Philosophies of Science and Technology. Ed. Robert Figueroa and Sandra Harding. New York: Routledge.
- Nader, Laura, ed. *Naked Science:* Anthropological Inquiry into Boundaries, Power, and Knowledge. New York: Routledge, 1996.
- Nandy, Ashis, ed. 1983. Science, Hegemony, and Violence: A Requiem for Modernity.

 Delhi: Oxford University Press.
- Needham, Joseph. 1969. "The Laws of Man and the Laws of Nature," in *The Grand Titration: Science and Society in East and West*. Toronto: University of Toronto Press.
- Nowotny, Helga, et al. 2001. Re-Thinking Science: Knowledge and the Public in an Age of Uncertainty. Cambridge: U.K.: Polity Press, 2001.
- Petitjean, Patrick et al., eds. 1992. Science and Empires: Historical Studies About Scientific Development and European Expansion. Dordrecht: Kluwer.
- Prakash, Gyan. 1999 Another Reason: Science and the Imagination of Modern India. Prindeton: Princeton University Press.
- Proctor, Robert. 1991. Value-Free Science? Purity and Power in Modern Knowledge. Cambridge: Harvard University Press.
- Reisch, George A. 2005. How the Cold War Transformed Philosophy of Science. New York: Cambridge University Press.



- Richardson, Alan W. 2006. "The Many Unities of Science: Politics, Semantics, and Ontology.
 " in *Scientific Pluralism*, ed. Stephen H. Kellert, Helen E. Longino, and C. Kenneth
 Waters. Minneapolis: University of Minnesota Press.
- Rottenburg, Richard. 2009. "Social and Public Experiments and New Figurations of Science and Politics in Postcolonial Africa." In "Science, Colonialism, Postcolonialism", ed. Suman Seth. *Postcolonial Studies* 12:4. 423-440.
- Sachs, Wolfgang, ed. 1992. The Development Dictionary: A Guide to Knowledge as Power. Atlantic Highlands, N.J.: Zed Books.
- Said, Edward. 1978. Orientalism. New York: Pantheon.
- Sardar, Ziauddin, ed. The Revenge of Athena: Science, Exploitation, and the Third World. London: Mansell, 1988.
- Schiebinger, Londa, 2004. Plants and Empire: Colonial Bioprospecting in the Atlantic World. Cambridge, Mass.: Harvard University Press.
- -----, ed. 2005. "Colonial Science", Special issue of Isis 96.
- -----, and Claudia Swan, eds. 2004. Colonial Botany: Science, Commerce, and Politics in the Early Modern World. Philadelphia: University of Pennsylvania Press
- Schwartz, Henry and Sangeeta Ray, eds. 2000. A Companion to Postcolonial Studies. Oxford: Blackwell.
- Scott, Colin, 1996. "Science for the West, Myth for the Rest?" Naked Science:

 Anthropological Inquiry into Boundaries, Power, and Knowledge," ed. Laura Nader.

 New York: Routledge, 1996.
- Selin, Helaine. 2007. Encyclopedia of the History of Science, Technology and Medicine in Non-Western Cultures. 2nd ed. Dordrecht: Kluwer. (1st ed. 1997.
- Seth, Suman, ed. 2009. "Science, Colonialism, Postcolonialism," Special issue of *Postcolonial Studies 12:4.*
- ------- 2009. "Putting Knowledge in its Place: Science, Colonialism, and the Postcolonial. In "Science Colonialism, Postcolonialism," Special issue of *Postcolonial Studies 12:4.* ed. Suman Seth. Pp 373-388.
- Shapin, Steven, and Simon Schaffer. 1985. *Leviathan and the Air Pump.* Princeton: Princeton University Press.
- Shiva, Vandana. 1989. Staying Alive: Women, Ecology and Development. London: Zed Books.
- -----. 1993. Monocultures of the Mind: Perspectives on Biodiversity and Biotechnology. New York: Zed Books and Third World Network.
- Suppes, Patrick, 1978. "The Plurality of Science," in PSA 1978: Proceedings of the 1978
 Biennial Meeting of the Philosophy of Science Association, vol 2, ed. Peter Asquith and Ian Hacking, 3-16. East Lansing Mich.: Philosophy of Science Association.



- Third World Network. 1993. "Modern Science in Crisis: A Third World Response," in *The 'Racial' Economy of Science*, ed. Sandra Harding. Bloomington: Indiana University Press.
- Tobach, Ethel and Betty Rosoff, eds. 1978, 1979, 1981, 1984. *Genes and Gender* Vol 1-4. New York: Gordian Press.
- Truman, Harry. "Inaugural Address," as quoted in Arturo Escobar, "Development and the Anthropology of Modernity," in *Encountering Development*
- Princeton: Princeton University Press, 1995...
- Turnbull, David. 1991. Mapping the World in the Mind: An Investigation of the Unwritten Knowledge of the Micronesian Navigators. Geelong, Australia: Deakin Unuiversity Press.
- Viveiros de Castro, Eduardo. 2004. "Exchanging Perspectives: The Transformation of Objects into Subjects in Amerindian Ontologies," *Common Knowledge 10:3.*
- Waast, Roland, ed. 1996. (7 volumes). Sciences in the South: Current Issues. Paris: ORSTOM Editions.
- Watson-Verran, Helen and David Turnbull. 1995. "Science and Other Indigenous Knowledge Systems." *Handbook of Science and Technology Studies_*ed. Sheila Jasanoff et al. Thousand Oaks: Sage.
- Young, Robert C. 2001 Postcolonialism: An Historical Introduction. Oxford: Blackwell.