

## Prelim Reading List

### *Food Systems, Agriculture and Environment Concentration*

Department of Sociology, Iowa State University

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The two regularly offered required courses for this concentration are

- Soc 544: Sociology of Food and Agricultural Systems
- Soc 548: Sociology of the Environment

The combined readings from the syllabi for these courses when they were most recently offered are an important guide to your preparation for the prelim. The list below includes certain core readings from those courses and others have been added as well:

Angelsen, Arild, and David Kaimowitz. 2001. "Introduction: the role of agricultural technologies in tropical deforestation," pp. 1-17 in A. Angelsen and D. Kaimowitz, Eds. *Agricultural Technologies and Tropical Deforestation*. Wallingford, England: CABI Publishing.

Barham, Elizabeth. 2002. Towards a theory of values-based labeling. *Agriculture and Human Values* 19: 349-360.

Berry, Wendell. 1977. "The unsettling of America." Ch. 1. in his *The Unsettling of America: Culture and Agriculture*. San Francisco: Sierra Club Books.

Burton, R.J.F. "Seeing through the 'good farmer's eyes: Towards developing an understanding of the social symbolic value of 'productivist' behavior." *Sociologia Ruralis* 44: 195-215.

Busch, Lawrence and Carmen Bain. 2004. "New! Improved? The transformation of the global agrifood system." *Rural Sociology* 69: 321-346.

Buttel, Frederick H. 2002. Environmental sociology and the sociology of natural resources: Institutional histories and intellectual legacies. *Society and Natural Resources* 15: 205-211.

Buttel, Frederick H. "Social Institutions and Environmental Change" pp. 83-97 in C. R. Humphrey, T. L. Lewis, F. H. Buttel. Editors *Environment, Energy, and Society: Exemplary Works*. Wadsworth: Belmont, CA

Buttel, F. H. 2001. "Some reflections on late 20<sup>th</sup> century agrarian political economy," *Sociologia Ruralis* 41: 165-181.

- Chiappe, M.B. and C.B. Flora. 1998. "Gendered elements of the sustainable agriculture paradigm." *Rural Sociology*. 63 (3): 372-393.  
<http://www.ncrcrd.iastate.edu/pubs/flora/gendered.htm>
- Conway, Gordon R. and E. B. Barbier. 1990. Agroecosystem analysis. Pp. 162-193 (Appendix) in *After the Green Revolution: Sustainable Agriculture for Development*. London, UK: Earthscan Publications.
- Coughenour, Milton C. and Shankariah Chamala. 2000. *Conservation Tillage and Cropping Innovation: Constructing the New Culture of Agriculture*. Ames IA: Iowa State University Press. Select from among Chapters 2, 5-8.
- Daly, Herman. 1980. "Introduction to Steady State Economy." Ch. 1 in his *Economics, Ecology, Ethics: Essays Toward a Steady-State Economy*. San Francisco: W.H. Freeman.
- Dunlap, R.E., F. H. Buttel, P. Dickens and A. Gijswijt (Eds.). 2002. *Sociological Theory and the Environment: Classical Foundations, Contemporary Insights*. Lanham, MD: Rowman and Littlefield. (Examine Chs. 2-5; Ch. 2 is most important.)
- Dunlap, Riley E., and William Michelson 2002. *Handbook of Environmental Sociology*. Westport, CN: Greenwood Press. (Especially Chapters 1, 2, 5, 7, 8, and 11-14.)
- Fink, Deborah . 1998. *Cutting into the Meatpacking Line*. Chapel Hill, NC: The University of North Carolina Press.
- Fliegel, Frederick C. with Peter F. Korsching. 2001. *Diffusion Research in Rural Sociology: The Record and Prospects for the Future*. Middleton WI: Social Ecology Press.
- Flora, Cornelia B. 2001. Access and control of resources: Lessons from the SANREM CRSP. *Agriculture and Human Values* 18(1): 41-48.
- Flora, Cornelia Butler. 2001. "Shifting agroecosystems and communities," pp. 5-13 in Cornelia Flora, editor, *Interactions between Agroecosystems and Rural Communities*. CRC Press.
- Flora, Jan L., Cornelia B. Flora, Florencia Campana, Mary García Bravo, and Edith Fernández-Baca, "Social Capital and Advocacy Coalitions: Examples of Environmental Issues from Ecuador." In Robert E. Rhoades, ed. *Development with Identity: Community, Culture and Sustainability in the Andes*, CABI Publishing, 2006, pp. 287-297. Available at Mountain Forum Online Library: <http://www.mtnforum.org/oldocs/969.pdf> (Accessed 12/3/07.)

Freudenburg, William R., Scott Frickel and Robert Gramling. 1995. Beyond the nature-society divide: Learning to think like a mountain. *Sociological Forum* 10: 361-392.

Glover, Jerry, D., Cindy M. Cox, and John P. Reganold. 2007. "Future farming: a return to roots," pp. 82-89 in *Scientific American*, August. Accessed on 6/22/08 at <http://www.landinstitute.org/pages/Glover-et-al-2007-Sci-Am.pdf>

Goldman, Michael and Rachel Schurmann. 2000. Closing the "Great Divide": New social theory on society and nature. *Annual Review of Sociology* 26: 563-584.

Hanna, Susan S. 1996. "Property rights, people, and the environment," pp. 381-393 in Robert Constanza, Olman Segura, and Juan Martinez-Alier. *Getting Down to Earth: Practical Applications of Ecological Economics*. Washington, DC: Island Press.

Hendrickson, M. and W.D. Heffernan. 2002. "Opening spaces through relocalisation: Locating potential resistance in the weaknesses of the global food system." *Sociologia Ruralis* 42: 347-368.

Jackson, Dana. 2002. "The farm as natural habitat". (pp 13-26) and "Food and biodiversity" (pp. 247-260). In Jackson, Dana L. and Laura L. Jackson (eds). *The Farm as Natural Habitat*. Washington DC: Island Press.

Keller, David and E. Charles Brummer, 2002. "Putting food production in context: Toward a postmechanistic agricultural ethic". *Bioscience*. Vol. 52., No.3. pp. 264-271.

Knickel, Karlheinz and Henk Renting. 2000. Methodological and conceptual issues in the study of multifunctionality and rural development. *Sociologia Ruralis* 40: 512-528.

Kraft, Michael E., 2007. "International environmental policy and politics," pp. 250-271 in his *Environmental Policy and Politics*. 4<sup>nd</sup> Edition. New York: Longman.

Lyson, Thomas A. and Gilbert W. Gillespie. 1995. Producing more milk on fewer farms: Neoclassical and neostructural explanations of changes in dairy farming. *Rural Sociology* 60(3): 493-504.

Mill, John Stuart. 1872. "Of the Stationary State," Book IV, Chapter VI (pp. 452-455) in *Principles of Political Economy and Some of Their Applications to Social Philosophy*. Boston: Lee and Shepard and New York: Lee, Shepard and Dillingham. {Read in relation to Daly, 1980}

Myers, Nancy J. 2006. "A checklist for precautionary decisions," pp. 93-105 in Nancy J. Myers and Carolyn Raffensperger. Eds. *Precautionary Tools for Reshaping Environmental Policy*. Cambridge, MA: The MIT Press.

Newbold, K. Bruce. 2002. "Population, Economic Growth, Resources, and the Environment," pp. 145-167 in his *Six Billion Plus: Population Issues in the Twenty-First Century*. Lanhan: Rowman and Littlefield Publishers.

Peter, G., M. Bell, S. Jarnagin, and D. Bauer. 2000. "Coming back across the fence: Masculinity and the transition to sustainable agriculture." *Rural Sociology* 65: 215-233.

Pretty, Jules. 2007. "Sustainable agriculture and food systems," pp. 457-470 in Jules Pretty, et al., Eds. *The SAGE Handbook of Environment and Society*. Los Angeles: SAGE Publications.

Prugh, Thomas, Robert Constanza, and Herman Daly. 2000. "Minimum technical requirements for sustainability," pp. 15-39 of their *The Local Politics of Global Sustainability*. Washington, DC: Island Press.

Prugh, Thomas, Robert Constanza, and Herman Daly. 2000. "Sustainability and strong democracy," pp. 159-166 of their *The Local Politics of Global Sustainability*. Washington, DC: Island Press.

Raynolds, L. T. 2000. "Re-embedding global agriculture: The international organic and fair trade movements." *Agriculture and Human Values*. 17:297-309.

Reed, Mark S., Evan D.G. Fraser, and Andrew J. Dougill. 2006. "An adaptive learning process for developing and applying sustainability indicators with local communities". *Ecological Economics*. 59. (pp. 406-418).

Sapp, Stephen G. and Helen H. Jensen. 1997. Socioeconomic impacts on implementation and confirmation decisions: Adoption of U.S. beef in Japan. *Rural Sociology* 62: 508-524.

Schnailberg, Allan and Kenneth Alan Gould. 1994. Chapter 4 "Treadmill Predispositions and Social Responses: Population, Consumption, and Technological Change" in *Environment and Society :The Enduring Conflict*. St Martin's Press, New York.

Shiva, Vandana. 2000. *Stolen Harvest: The Hijacking of the Global Food Supply*. Cambridge, MA: South End Press.

Thompson, Paul. 1995. "The productionist paradigm." Ch. 3 in his *The Spirit of the Soil*. NY and London: Routledge.

Van der Ploeg, J.D., J. Bouma, A. Rip, F.H.J. Rijkenberg, F. Ventura and J.S.C. Wiskerke. 2004. "On regimes, novelties, niches and co-production." Pp. 1-27 in Wiskerke, J.S.C. and van der Ploeg, J.D. (eds.) *Seeds of Transition: Essays on novelty production, niches and regimes in agriculture*. Assen: The Netherlands: Royal Van Gorcum.

Wagenet, Linda P., and Max J. Pfeffer. 2007. Organizing citizen engagement for democratic environmental planning," *Society and Natural Resources* 20(9):801-813.

Wilson, K. and G. E. B. Morren. 1990. Systems Approaches for Improvement in Agriculture and Resource Management. Pp. 1-163/Chapters 1-4. New York: Macmillan.

Woodhill, J. and N. G. Röling. 1998. The second wing of the eagle: The human dimension in learning our way to more sustainable futures. Pp. 46-71 in Röling, N. G. and Wagemakers, M. A. E (Eds.). *Facilitating Sustainable Agriculture*. Cambridge: Cambridge University Press.

Some final notes regarding preparation for prelims: Be sure to take note of *recommended* and *background* readings noted on the syllabi for the required courses in this concentration. They are very useful for grounding your knowledge in this field.

Please also be aware that this reading list is not meant to be comprehensive of the knowledge in the field of Food Systems, Agriculture and the Environment. As a professional, you are responsible for maintaining currency in your substantive areas of interest, as well as major methodological and theoretical directions and advances in the field. In other words, the exam may include questions relating to recent important books and especially journal articles not included in the reading list. Key journals for this concentration are *Rural Sociology*, *Society and Natural Resources*, *Agriculture and Human Values*, *Sociologia Ruralis*, and, of course, *American Sociological Review*, *American Journal of Sociology*, *Social Forces* and *Social Problems*.

Concentration chairs: Betty Wells and Jan Flora