

Reading List - Field Analysis of Sustainable Food Systems – Spring 2009

Please read these PRIOR TO the start of the field portion of the class.

Note: These readings have been selected to provide a range and variety of perspectives and background information. One of our goals is to provide a common set of background information and vocabulary as we begin the course. Another goal is to provide the range of perspectives.

Perspectives on agricultural systems

Berry, Wendell. 1995. Farming and the global community. Ch. 1 in *Another Turn of the Crank*. Counterpoint Press.

Danbom, David B. 2000. Past visions of American Agriculture. *In: Lockeretz, William. Visions of American Agriculture*. Iowa State University Press, Ames, Iowa. pp. 3-16.

Food systems

Anonymous. Distribution of Agricultural Products. (a food systems diagram).

Hassanein, Neva. 2003. Practicing food democracy: A pragmatic politics of transformation. *Journal of Rural Studies* 19: 77–86.

Heffernan, W.D. and M.K. Hendrickson. 2002. Multi-national concentrated food processing and marketing systems and the farm crisis. American Association for the Advancement of Science Symposium: Science and Sustainability *The Farm Crisis: How the Heck Did We Get Here?* February 14-19, 2002. Boston, MA. [ONLINE, <http://www.foodcircles.missouri.edu/consol.htm> , verified 1/7/09].

Howard, Phil. 2008. Organic industry structure: Significant Acquisitions and Industry Structure [ONLINE] <http://www.msu.edu/~howardp/organicindustry.html> .January 2008, accessed 1/25/08.

Parker, Rick. 2003. Overview of food science. Ch. 1 *in: Introduction to Food Science*. Delmar, Albany, NY. pp. 3-19.

Conceptual approaches and tools for analysis of food and agricultural systems

Bland, W.L. draft 2003 (7/22). Agroecosystem analysis revisited. (unpublished manuscript)

A draft manuscript developed for a similar course to this Field SFS course, but that focuses solely on the farm level (rather than the larger food system). This should provide language and a conceptual framework our studies as well.

Conway, G.R. 1990. Concepts. Ch. 2 in *Agroecosystem Analysis for Research and concepts*. Winrock International Institute for Agriculture, Morrilton, Arkansas.
(based on Conway, GR. 1985. *Agroecosystem Analysis. Agricultural Administration*, 20:31-55.)

Daily, G. C., S. Alexander, P.R. Ehrlich, L. Goulder, J. Lubchenco, PA. Matson, HA Mooney, S. Postel, S.H. Schneider, D.Tilman, and G.M. Woodwell. 1997. Ecosystem services: Benefits supplied to human societies by natural ecosystems. *Issues in Ecology*, 2, Spring 1997.

Mila i Canals, L., Burnip, G., & Cowell, S. (2006). Evaluation of the environmental impacts of apple production using Life Cycle Assessment (LCA): Case study in New Zealand. *Agriculture, Ecosystems & Environment*. 114:226-238.

Wilson, K. and G.E.B. Morren, Jr. 1990. Making sense out of situations: Stages 1 and 2 of the soft systems approach. Ch. 4 *in Systems approaches for improvement in agriculture and resource management*. Macmillan Publishing Co., New York.

Tools for Discussion

Davis, Barbara Gross. 1993. *Leading Discussions*, Ch. 8 in *Tools for Teaching*. Jossey-Bass Inc., San Francisco. pp.64-65.

Regionally relevant readings

Washington State Dept of Agriculture. 2008. Agriculture-Washington State's No. 1 Employer: County Rankings and Market Value of Crop and Livestock Products. AGR PUB 120-126 (R/1/08). [ONLINE]

Washington State Dept of Agriculture. 2008. Agriculture-Washington State's No. 1 Employer: Food Processing Industry Gross Sales and Employment by County. AGR PUB 120-127 (R/1/08). [ONLINE]

Sonnefeld, D., Schotzko, T., and R.A. Jussaume Jr. 1998. Globalization of the Washington apple industry: Its evolution and impacts. *International Journal of Sociology of Agriculture and Food*. 7: 151-180

USDA. Soil Survey Chelan County.

USDA. Soil Survey, Grant County.