

RURAL SOCIOLOGY 597D
Spring 2008

THEORIES AND METHODS OF COMMUNITY AND NATURAL RESOURCES

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Office Hours: Tuesday, Thursday 3:00-5:00
Class Meets: Monday 9:05-12:05, 213 Armsby

Course Description and Scope

Theories and Methods of Community and Natural Resources is designed to accomplish two related things: (1) To provide students interested in natural resource related research issues, at the community level, a familiarity with a broad base of theories and tools; and (2) to introduce them to the use of a mixed-methods approach to natural resource related research. The course assumes exposure to basic work in natural resources including experience with measurement issues, statistics, and research methods. We build on this background by focusing on the major theoretical and methodological frameworks used in the study of community and natural resource sociology.

This course integrates several issues normally covered in a series of independent courses. A range of problems encountered in the conduct of community and natural resource research are discussed. Attention is given to model conceptualization, identification of data needs, proper data procurement, management, concatenation, analysis, and presentation styles. The course's purpose is to prepare each student for engaging theoretically driven and methodologically sound research on natural resource and community issues.

Organization

Readings and assignments in both major areas of the course are used. In addition, to supplement core course materials, you have access to several data sets (including: (1) PDA rural-urban interface; (2) NRI economic restructuring and community transformation; (3) Forest Stewardship; and (4) Pennsylvania Highlands. If there is interest, we might add a data set on hunting.) This requires you to have an active computer account and familiarity with accessing stored data. Alternatively, you may use information or data from other sources which will allow you to do similar comparative work. If you choose the latter, please see me during the first week of class so that I can determine whether this data set will be compatible with the course assignments.

General Course Structure

This course will be conducted as a traditional seminar with more interaction than lecture. The focus of the semester's work will be reading, assimilating, writing about, discussing, and presenting material on issues related to the theories and methods of community and natural resources. Ample opportunity for class participation is formatted into the course largely through formal student-led presentations on assigned readings.

One of the major formal writing assignments in this course is the completion of two book reviews. Each book will be read by *all* students and are part of the attached reading list (i.e., *they are required readings*). As has been my practice in the past, each student can elect to complete a third book review for extra credit (the choice of book must be agreed upon by me). The format for these book reviews is attached to this syllabus.

Each student is responsible for the preparation of a major term paper. This paper should be an essay which focuses on a subject matter of your choice and relates to community and natural resources. Given that many of you are beginning or are in the midst of drafting your thesis or dissertation, I encourage you to consider using this course requirement as a means of getting your ideas more concretely developed. You may choose to be quantitative in focus (empirically analyzing an existing database) or you might opt for a more qualitative design (e.g., a case study of a particular community's response to some natural resource issue) or you might opt for a mixed-model approach. Regardless of choice, rigor is required.

In order to accomplish as complete a job as possible on this assignment, I encourage each of you to begin work soon. To that end, I request your submission of an outline/abstract of your paper by January 28, 2008. This date was chosen to help motivate you to begin thinking about the assignment immediately. Your outline should include some statement on your response to the assignment, the main skeleton of your approach, and a relevant bibliography. You may consult with each other, your readings and class notes, faculty, or any other source, but be sure to remember that this is **YOUR STATEMENT OF RESPONSE**. Recall that when using quotes (or paraphrasing) the original source(s) need(s) to be cited.

The Term Paper should be typed, double-spaced, fully referenced, and complete as possible. My guidelines for length are stolen from my theory mentor who admonished us "To do as much as you must, as little as you dare." This has generally been translated to mean no less than fifteen nor more than twenty pages. Be sure to use the format required for publication in *Rural Sociology* (see 71(1), 2006 or www.ruralsociology.org for instructions). In addition to this written assignment, you will be responsible for making an oral presentation on the paper in class.

The third major task in the course will be the completion of three data assignments. These efforts will reflect your ability to create, manage, and use data sets to address questions of interest to you. You can use the data sets I provide or you can use your own. However, some assignments require access to multiple levels/multiple units.

There will be no formal written exams in this course. However, as is my custom, I may ask you to complete several other writing assignments. In general, these include one-page reaction papers to certain issues or events and require more thinking time than anything else.

Course Grading

Part of the perceived tradition of higher education is the need to evaluate performance. In order to accede to this custom, I make use of several indicators (class participation, oral and written material, and evaluations conducted both by your peers and me). Of course, I am ultimately responsible for assigning grades.

The final grade is based on your performance on each of the assigned tasks. Class participation (including presentations) will account for 30%; the two Book Reviews will account for 20%; the final paper 30%; and all remaining assignments (three data base assignments and any others) 20%.

Obviously, much of your grade will be determined by your involvement in discussions (both formal and informal), debates, and the preparation of your final paper. To create a more stimulating setting, *all students* will lead discussions on *all sections* of the readings. However, you will only need to prepare **a concise review/critique of four** sections of the ten sets of readings (no more than three pages - double-spaced). In addition, each student will identify a published article which she/he thinks reflects the central points discussed in that section. ***You must email me (ael3@psu.edu) a copy of this article before adding it to your review/critique of the week's readings and you must bring a copy of that article to class.*** The purpose of this assignment is to focus your attention on conceptualization, measurement, and analytic issues related to community and natural resource sociology. All in-class presentations will be evaluated by both the students and instructor.

I prefer you place attention on assimilation of course content and not spend time worrying about a final course grade. As well, I understand this is easier said than done. However, several years down the road, few will ask about specific grades in specific courses (if they do, you might be better off asking yourself why this person has such an interest?). Instead, they have access to a much better measure of performance, namely, your comprehension and mastery of the subject material. In order to help allay some of your concerns, it is my policy to allow all students the opportunity to rewrite assignments with which they are dissatisfied. Should you need additional assistance, please feel free to contact me.

**PLEASE REMEMBER TO HAND IN A COPY OF ALL OF YOUR ASSIGNMENTS.
KEEP YOUR ORIGINAL IN YOUR FILES!!**

Statement on Academic Integrity

Academic integrity, as defined by University Faculty Senate Policy 49-20, is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution.

Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating of information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

Outline for Book Reviews

Note: Some of you might have read one or both of the books identified for review. If so, contact me for a replacement.

1. Your review should include: (a) A brief summary of the book's contents and central thesis; (b) your assessment of the book's merits and shortcomings - include here comparisons with other books on the same subject, whether the author's conclusions flow from the analysis, the major findings or conclusions of the effort, and whether these conclusions represent new additions to the wealth of knowledge on the subject; and (c) some judgment as to the relevance of this book to sociologists, in general, and rural sociologists, in particular.
2. Do not simply repeat chapter by chapter or section by section titles and summaries and avoid uneven treatment of the text (i.e., do not concentrate on one or two strengths or weaknesses). *Attempt to be thorough* without being boring and do not confuse this effort at a book "review" with a book "report." Nor should you state the obvious or use long quotes from the book to make your points.
3. Remember that the book review is a brief essay. Limit yourself to about 2.5 pages (750-900 words). Your first sentences should help the reader orient to the subject-matter context. Never begin your review with "This book . . .".
4. Your review should be double-spaced and include at the top of the page the following information:

Author's name, title of book. City and state of publication: publisher, year. Pages. Cost.
5. Be sure to include your name at the bottom of the review.

Important Dates to Remember

Week of:

January 14	Overview and Introduction
January 21	Read and be prepared to discuss Section I
January 28	Data Base Readings and Assignment 1 Abstract of Term Paper due January 28, 2008
February 4	Read and be prepared to discuss Section II Critique of <i>DAYDREAMS AND NIGHTMARES</i> due February 4, 2008
February 11	Read and be prepared to discuss Section III
February 18	Read and be prepared to discuss Section IV
February 25	Read and prepare to discuss Section V Data Base Assignment 2
March 3	Read and be prepared to discuss Section VI Critique of <i>THREE IRON MINING TOWNS</i> due March 3, 2008
March 10-14	Spring Break - No Classes
March 17	Read and be prepared to discuss Section VII
March 25	Read and be prepared to discuss Section VIII
March 31	Data Base Assignment 3
April 7	Read and be prepared to discuss Section IX
April 14	Read and be prepared to discuss Section X
April 21	Individual Term Paper Reports
April 28	Individual Term Paper Reports Class Summation and Discussion
May 3	Final Paper Due

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Required Books:

Burch, William R., Jr. 1997. *Daydreams and Nightmares: A Sociological Essay on the American Environment*. Middleton, WI: Social Ecology Press.

Landis, Paul H. 1997. *Three Iron Mining Towns: A Study in Cultural Change*. Middleton, WI: Social Ecology Press.

Tashakkori, Abbas and Charles Teddlie. 1998. *Mixed Methodology: Combining Qualitative and Quantitative Approaches*. Thousand Oaks, CA: Sage.

Section I Basic Conceptual Issues

Bender, Thomas. 1978. "Introduction: The meanings of community." Pp. 3-43 in *Community and Social Change in America*. New Brunswick, NJ: Rutgers University Press.

Brosius, J. Peter, Anna Lowenhaupt Tsing, and Charles Zinner. 1998. "Representing communities: Histories and politics of community-based natural resource management." *Society and Natural Resources* 11(2):157-168.

Colfer, Carol J. Pierce. 2005. "The struggle for equity in forest management." Pp. 1-15 in Colfer (ed.), *The Equitable Forest: Diversity, Community, and Resource Management*. Washington, DC: Resources for the Future.

Field, Donald R. and William R. Burch, Jr. 1988. "Emergence of nature as a partner." Pp.93-123 in *Rural Sociology and the Environment*. Westport, CT: Greenwood Press.

Finn, Janet L. 1998. "Tracing the Veins." Pp. 1-28 in *Tracing the Veins: Of Copper, Culture, and Community form Butte to Chuquicamata*. Berkeley, CA: University of California Press.

Harcourt, Wendy. 2006. "Editorial: Conflict, ecological justice and rights." *Development* 49(3):1-5 and articles by Kamerimbote and Powell:

Kamerimbote, Patricia. "Women, land rights and the environment: The Kenyan experience." *Development* 49(3):43-48.

Powell, Dana. 2006. "Technologies of existence: The indigenous environmental justice movement." *Development* 49(3):125-132.

Lee, Robert G. and Donald R. Field. 2005. "Introduction: From scientific forestry to community forestry." Pp. 1-14 in Lee and Field (eds.), *Communities and Forests: Where People Meet the Land*. Corvallis, OR: Oregon State University Press.

Wilkinson, Kenneth P. 1999. "Introduction." Pp. 1-11 in *The Community in Rural America*. Middleton, WI: Social Ecology Press.

*Blumer, Herbert. 1954. "What is wrong with social theory?" *American Sociological Review* 19(1):3-10.

*Buttel, Frederick H. 1996. "Environmental and resource sociology: Theoretical issues and opportunities for synthesis." *Rural Sociology* 61(1):56-76.

*Carr, Anna J.L. 2004. "Why do we all need community science?" *Society and Natural Resources* 17(9):841-849.

*Falk, William W. and Thomas A. Lyson. 1993. "Forgotten places redux." Pp. 257-269 in Falk and Lyson (eds.), *Forgotten Places: Uneven Development in Rural America*. Lawrence, KS: University of Kansas Press.

*Gusfield, Joseph R. 1975. "Community and society: Concepts as ideologies." Pp. 1-22 in *Community: A Critical Response*. New York, NY: Harper and Row.

*Long, Norton E. 1977. "The local community as an ecology of games." Pp. 58-72 in Warren (ed.), *New Perspectives on the American Community*. Chicago, IL: Rand McNally.

Section II Social Systems Approaches to the Study of Community, Mass Society, and Natural Resources

Bates, Frederick L. and Lloyd Bacon. 1972. "The community as a social system." *Social Forces* 50(3):371-379.

Firey, Walter. 1990. "Some contributions of sociology to the study of natural resources." Pp. 15-25 in Lee, Field and Burch (eds.), *Community and Forestry: Continuities in the Sociology of Natural Resources*. Boulder, CO: Westview Press.

Merton, Robert K. 1966. "Local and cosmopolitan influentials." Pp. 251-265 in Warren, *Perspectives on the American Community: A Book of Readings*. Chicago, IL: Rand McNally and Company.

* Readings marked with an asterisk are strongly recommended. I suggest you skim them since most working sociologists maintain familiarity with such materials.

Shils, Edward. 1969. "The theory of mass society." Pp. 298-316 in Minar and Greer (eds.), *The Concept of Community*. Chicago, IL: Aldine Publishing Company.

Warren, Roland. 1978. Pp. 52-95; 137-212; and 408-422 in *The Community in America*. Chicago, IL: Rand McNally.

*Parsons, Talcott. 1959. "General Theory in Sociology." Pp. 3-38 in Merton, Broom, and Cottrell, Jr. (eds.), *Sociology Today: Problems and Prospects*. New York, NY: Harper Torchbooks.

*Vidich, Arthur J. and Joseph Bensman. 1968. "Social, economic and historical setting of the community," "Springdale and the mass society;" and "A theory of the American contemporary community." Pp. 3-22, 79-105, and 317-347 in *Small Town in Mass Society*. Princeton, NJ: Princeton University Press.

*Young, Frank W. 1996. "Small town in mass society revisited." *Rural Sociology* 61(4):630-648

Section III Human Ecology

Duncan, Otis D. 1959. "Human ecology and population studies." Pp. 678-716 in Hauser and Duncan (eds.), *The Study of Population: An Inventory and Appraisal*. Chicago, IL: The University of Chicago Press.

Firey, Walter M. 1970. "Sentiment and symbolism as ecological variables." Pp. 515-526 in Gutman and Popenoe (eds.), *Neighborhood, City, and Metropolis*. New York, NY: Random House.

Maines, David R., Jeffrey C. Bridger, and Jeffrey T. Ullmer. 1996. "Mythic facts and Park's pragmatism: On predecessor-selection and theorizing in human ecology." *The Sociological Quarterly* 37(3):521-549.

Park, Robert E. 1936. "Human ecology." *American Journal of Sociology* 62(1):1-15.

Taylor, Jonathan G. and Suzanne N. Taylor. 2004. "Whither human ecology?" Pp. 261-270 in Manfredo, Vaske, Bruyere, Field, and Brown (eds.), *Society and Natural Resources: A Summary of Knowledge*. Jefferson, MO: Modern Litho.

*Bernard, Jessie. 1973. "The ecological model." Pp. 33-50 in *The Sociology of Community*. Glenview, IL: Scott, Foresman and Company.

*Hawley, Amos H. 1950. "Introduction," "Human ecology," "Introduction (II)," "Community structure," "Spatial aspects of ecological organization." Pp. 3-11; 66-74; 177-181; 206-233; 234-287 in *Human Ecology: A Theory of Community Structure*. New York, NY: Ronald Press.

*Park, Robert E. 1926. "The urban community as a spatial pattern and a moral order." Pp. 55-68 in Turner (ed.), *Robert E. Park on Social Control and Collective Behavior*. Chicago, IL: University of Chicago Press (1967).

Section IV *Theories of Contrast*

Bernard, Jessie. 1973. "Gemeinschaft and Gesellschaft: Rural and urban communities." Pp.91-120 in *The Sociology of Community*. Glenview, IL: Scott, Foresman and Company.

McKinney, John C. and Charles P. Loomis. 1957. "The application of Gemeinschaft and Gesellschaft as related to other typologies." Pp.12-29 in Tonnies, *Community and Society*. New York, NY: Harper and Row.

Reissman, Leonard. 1970. "The theoreticians: Developers of the urban concept." Pp. 122-149 in *The Urban Process: Cities in Industrial Societies*. New York, NY: Free Press.

Wirth, Louis. 1938. "Urbanism as a way of life." *American Journal of Sociology* 44(1):1-24.

*Miner, Horace. 1952. "The folk-urban continuum." *American Sociological Review* 17(5):529-537.

*Redfield, Robert. 1947. "The folk society." *American Journal of Sociology* 52(4):293-308.

*Tonnies, Ferdinand. 1957. "Summing up." Pp. 237-259 in *Community and Society*. New York, NY: Harper and Row.

Section V *Interactional Theory*

Bridger, Jeffrey C., A.E. Luloff, and Richard C. Krannich. 2002. "Community change and community theory." Pp. 9-21 in Luloff and Krannich (eds.) *Persistence and Change in Rural Communities: A Fifty-Year Follow-Up to Six Classic Studies*. Okon, UK: CABI Publishing.

Kaufman, Harold F. 1959. "Toward an interactional conception of community." *Social Forces* 38(1):8-17.

Luloff, A.E. and J.C. Bridger. 2003. "Community agency and local development." Pp. 203-213 in Brown and Swanson (eds.), *Challenges for Rural America in the Twenty-First Century*. University Park, PA: Penn State Press.

Luloff, A.E. and L.E. Swanson. 1995. "Community agency and disaffection: Enhancing collective resources." Pp. 351-372 in Beaulieu and Mulkey (eds.), *Investing in People: The Human Capital Needs of Rural America*. Boulder, CO: Westview Press.

Martin, John Levi. 2003. "What is field theory?" *American Journal of Sociology* 109(1):1-49.

Wilkinson, Kenneth P. 1970. "The community as a social field." *Social Forces* 48(3):311-322.

Wilkinson, Kenneth P. 1999. "The community: An interactional approach." Pp. 11-36 in *The Community in Rural America*. Middleton, WI: Social Ecology Press.

*Cohen, Anthony P. 1992. Pp. 39-118 in *The Symbolic Construction of Community*. New York, NY: Routledge.

Section VI *The Search for Community and Social Well-Being*

Bullard, Robert D., Paul Mohai, Robin Saha, and Beverly Wright. 2007. *Toxic Wastes and Race at Twenty, 1987-2007*. Cleveland, OH: United Church of Christ.

Granovetter, Mark. 1973. "The strength of weak ties." *American Journal of Sociology* 78(6):1360-1380.

Weber, Edward P., Nicholas P. Lovrich, and Michael J. Gaffney. 2007. "Assessing collaborative capacity in a multidimensional world." *Administration & Society* 39(3):194-220.

Wilkinson, Kenneth P. 1979. "Social well-being and community." *Journal of the Community Development Society* 10(1):5-16.

Wilkinson, Kenneth P. 1991. "The community and rural well-being." Pp. 67-86 in *The Community in Rural America*. Middleton, WI: Social Ecology Press.

*Bliss, John C., Mary L. Sisock, and Thomas W. Birch. 1998. "Ownership matters: Forestland concentration in rural Alabama." *Society and Natural Resources* 11(4):401-410.

*Gusfield, Joseph R. 1975. "The search for community: Concepts as utopia." Pp. 83-105 in *Community: A Critical Response*. New York, NY: Harper and Row.

Section VII *Development Issues: Dependency Theory and Uneven Development*

Beckley, Thomas A. 1998. "The nestedness of forest dependence: A conceptual framework and empirical exploration." *Society and Natural Resources* 11(2):101-120.

Force, Jo Ellen, Gary E. Machlis, L. Zhang, and A. Kearney. "The relationship between timber production, local historical events, and community social change: A quantitative case study." *Forest Science* 39(4):722-742.

Gaventa, John. 1980. "The impact of industrial power: The shaping of a company valley." Pp.47-83 *Power and Powerlessness: Quiescence and Rebellion in an Appalachian Valley*. Urbana, IL: University of Illinois Press.

Humphrey, Craig R. 1990. "Timber dependent communities." Pp. 34-60 in Luloff and Swanson, (eds.), *American Rural Communities*. Boulder, CO: Westview Press.

Krannich, Richard S. and A.E. Luloff. 1991. "Problems of resource dependency in U.S. rural communities." *Progress in Rural Policy and Planning* 1:5-18.

Luloff, A.E. and Mark Nord. 1993. "The forgotten of Northern New England." Pp. 125-167 in Falk and Lyson (eds.), *The Forgotten: Uneven Development in Rural America*. Lawrence, KS: University of Kansas Press.

Malhorta, Kamal. 1999. "The political economy of natural resource conflict in the lower Mekong sub-region." *Development* 42(2):20-26.

Sachs, Wolfgang. 2004. "Environment and human rights." *Development* 47(1):42-49.

*Browett, John. 1984. "On the necessity and inevitability of uneven spatial development under capitalism." *International Journal of Urban and Regional Research* 8(2):155-175.

*Castells, Manuel. 1989. "Introduction," "The informational mode of development and the restructuring of capitalism," and "Conclusion: The reconstruction of social meaning in the space of flows." Pp. 1-7; 8-32; 349-353 in *The Informational City: Information Technology, Economic Restructuring, and the Urban-Regional Process*. New York, NY: B. Blackwell.

*Frank, A.G. 1966. "The development of underdevelopment." *Monthly Review* 18(September):37-51.

*Gottdiener, Mark. 1985. "Structure and agency in the production of space." Pp. 195-228 in *The Social Production of Urban Space*. Austin, TX: University of Texas Press.

*Kasarda, John D. 1995. "Industrial restructuring and the changing location of jobs." Pp. 215-267 in Farley (ed.), *State of the Union: America in the 1990s*, Volume 1. New York, NY: Russell Sage Foundation.

*Lovejoy, Steven B. and Richard S. Krannich. 1982. "Rural industrial development and domestic dependency relations: Towards an integrated perspective." *Rural Sociology* 47(3):475-495.

*Walker, R. 1978. "Two sources of uneven development under advanced capitalism: Spatial differentiation and capital mobility." *The Review of Radical Political Economics* 10(3):28-37.

Section VIII Attachment to Place: Linking Community to Natural Resources

Agnew, John A. 1989. "The devaluation of place in social science." Pp. 9-29 in Agnew and Duncan (eds.), *The Power of Place: Bringing Together the Geographical and Sociological Imaginations*. Winchester, MA: Unwin and Hyman.

Finn, Janet L. 1998. "Mining community." Pp. 72-108 in *Tracing the Veins: Of Copper, Culture, and Community from Butte to Chuquicamata*. Berkeley, CA: University of California Press.

Hummon, David M. 1990. "Part I: Introduction," "Community perspective: Community ideology and American society." Pp. 3-43 and 141-164 in *Commonplaces: Community Ideology and Identity in American Culture*. Albany, NY: State University of New York Press.

Kirby, Andrew. 1989. "A sense of place." *Critical Studies in Mass Communication* 6(3):322-326.

Payton, Michelle A., David C. Fulton, and Dorothy H. Anderson. 2005. "Influence of place attachment on civic action: A study at Sherburne National Wildlife Refuge." *Society and Natural Resources* 18(6):511-528.

Stedman, R.C. 2002. "Toward a social psychology of place: Predicting behavior from place-based cognitions, attitude, and identity." *Environment and Behavior* 34(5):561-581.

*Hunter, Albert M. 1975. "The loss of community: An empirical test through replication." *American Sociological Review* 40(5):537-552.

*Kemmis, Daniel. 1990. "Pre-Amble (an introductory stroll)," "Keeping citizens apart," "The art of the possible in the home of hope (the politics of re-inhabitation)." Pp. 3-8; 9-25; 109-142 in *Community and the Politics of Place*. Norman, OK: University of Oklahoma Press.

*Luloff, A.E. and K.P. Wilkinson. 1977. "Is community alive and well in the inner-city? A comment on Hunter's loss of community." *American Sociological Review* 42 (5):827-828.

Section IX The Environmental Imperative and Sustainability

Bridger, Jeffrey C. and A.E. Luloff. 1999. "Toward an interactional approach to sustainable community development." *Journal of Rural Studies* 15(4):377-387.

Coleman, James S. 1988. "Social capital in the creation of human capital." *American Journal of Sociology* 94(supplement):S95-S120.

Eckersley, Robin. 2007. "Ecological intervention: Prospects and limits." *Ethics and International Affairs* 21(3):293-316; and responses by Dalby, Humphrey, Palmer, and Woods:

Dalby, Simon. 2007. "Ecological intervention and anthropocene ethics

Humphrey, Mathew. 2007. "On not being green about ecological intervention."

Palmer, Clare. 2007. "Ecological intervention in defense of species."

Woods, Mark. "Some worries about ecological-humanitarian intervention and ecological defense."

Flora, Cornelia Butler and Jan L. Flora. 1993. "Entrepreneurial social infrastructure: A necessary ingredient." *The Annals of the American Academy of Political and Social Science* 529(September):48-58.

Shaffer, Ron. 1995. "Achieving sustainable economic development in communities." *Journal of the Community Development Society* 26(2):145-154.

Vanclay, Frank and Geoffrey Lawrence. 1995. "Introduction," "The restructuring of agriculture: Environmental and social implications," "Conclusion: The environmental and social imperative for Australian agriculture." Pp. xi-xxvi; 3-18; 157-173 in *The Environmental Imperative*. Rockhampton, QU: Central Queensland Press.

Wall, Ellen, Gabriele Ferrazzi, and Frans Schryer. 1998. "Getting the goods on social capital." *Rural Sociology* 63(2):300-322.

*Flora, Jan L. 1998. "Social capital and communities of place." *Rural Sociology* 63(4):481-506.

*Flora, Cornelia Butler and Jan L. Flora. 1996. "Creating social capital." Pp. 217-225 in Vitek and Jackson (eds.), *Rooted in the Land: Essays on Community and Place*. New Haven, CT: Yale University Press.

*Thwaites, Rik, Terry De Lacy, Li Yong Hong, and Liu Xian Hua. 1998. "Property rights, social change, and grassland degradation in Xilingol Biosphere Reserve, Inner Mongolia, China." *Society and Natural Resources* 11(4):319-338.

Section X *Natural Resource Management Issues*

Colfer, Carol J. Pierce. 2005. "Implications of adaptive collaborative management for more equitable forest management." Pp. 296-303 in Colfer (ed.), *The Equitable Forest: Diversity, Community, and Resource Management*. Washington, DC: Resources for the Future.

Eser, Sezer Goncuoglu and A.E. Luloff. 2003. "Community controversy over a proposed limestone quarry." *Society and Natural Resources* 16(9):793-806.

Finn, Janet L. 1998. "Food for thought and action." Pp. 230-246 in *Tracing the Veins: Of Copper, Culture, and Community from Butte to Chuquicamata*. Berkeley, CA: University of California Press.

Lee, Robert G. and Donald R. Field. 2005. "Community complexity: Postmodern challenges to forest and natural resources management." Pp. 291-303 in Lee and Field (eds.), *Communities and forests: Where people meet the land*. Corvallis, OR: Oregon State University Press.

Melone, Michelle. 1993. "The struggle of the *Seringueiros*: Environmental action in the Amazon." Pp. 106-126 in Friedmann and Rangan (eds.), *In Defense of Livelihood: Comparative Studies on Environmental Action*. West Hartford, CT: Kumarian Press.

Nussbaum, Rudi H., Patricia P. Hoover, Charles M. Grossman, and Fred D. Nussbaum. 2004. "Community-based participatory health survey of Hanford, WA, downwinders: A model for citizen empowerment." *Society and Natural Resources* 17(6):547-559.

Someshwar, ShivSharan. 1993. "People versus the state: Social forestry in Kolar, India." Pp.182-208 in Friedmann and Rangan (eds.), *In Defense of Livelihood: Comparative Studies on Environmental Action*. West Hartford, CT: Kumarian Press.

Taylor, Michael. 1998. "Governing natural resources." *Society and Natural Resources* 11(3):251-258.

Wilkinson, Kenneth P. 1991. "Rural community development" and "In search of the community in the changing countryside." Pp. 87-118 in *The Community in Rural America*. Middleton, WI: Social Ecology Press.

*Patterson, Michael E. and Daniel R. Williams. 1998. "Paradigms and problems: The practice of social science in natural resource management." *Society and Natural Resources* 11(3):279-295.

*Pye-Smith, Charlie and Grazia Borrini Feyerabend with Richard Sandbrook. 1994. "Conclusions." Pp.156-191 in *The Wealth of Communities*. West Hartford, CT: Kumarian Press.

*Steelman, Toddi A., and Joann Carmin. 1998. "Common property, collective interests, and community opposition to locally unwanted land uses." *Society and Natural Resources* 11(5): 485-504.

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January 28, 2008

Tashakkori, Abbas and Charles Teddlie. 1998. "Part I: Paradigms and politics of research." Pp. 1-58 in *Mixed Methodology: Combining Qualitative and Quantitative Approaches*. Thousand Oaks, CA: Sage.

Borman, K.M., M.D. LeCompt, and J.P. Goetz. 1986. "Ethnographic and qualitative research design and why it doesn't work." *American Behavioral Scientist* 30(1):42-57.

Krenz, C. and G. Sax. 1986. "What quantitative research is and why it doesn't work." *American Behavioral Scientist* 30(1):58-69.

Shadish, William R. 1995. "Philosophy of science and the quantitative-qualitative debates: Thirteen common errors." *Evaluation and Program Planning* 18(1):63-75.

Sechrest, Lee and Souraya Sidani. 1995. "Quantitative and qualitative methods: Is there an alternative?" *Evaluation and Program Planning* 18(1):77-87.

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February 25, 2008

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