

**ROGER J. BECK**

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## EDUCATION

<i>Pennsylvania State University</i>	
<b>Ph.D. in Agricultural Economics</b>	<b>1977</b>
<i>Ohio State University</i>	
<b>Agricultural Economics</b>	<b>1968</b>
<i>Goshen College</i>	
<b>B.A. Biology</b>	<b>1967</b>

## PROFESSIONAL EXPERIENCE

<b>Adjunct Professor</b> – Agricultural Economics and Agricultural Business. New Mexico State University, Las Cruces, NM.	<b>2006-present</b>
<b>College Assistant Professor</b> – Mathematics, New Mexico State University, Las Cruces, NM	<b>2004-2006</b>
<b>Professor</b> - Park University, Ft. Bliss, Texas	<b>2004</b>
<b>Professor</b> – Department of Agribusiness Economics, Southern Illinois University Carbondale, IL	<b>2000-2003</b>
<b>Associate Professor</b> – Department of Agribusiness Economics, Southern Illinois University at Carbondale, IL	<b>1989-1999</b>
<b>Assistant Professor</b> - Department of Agribusiness Economics, Southern Illinois University at Carbondale	<b>1984-1988</b>
<b>Assistant Professor</b> - Department of Agricultural Economics and Marketing, Cook College, Rutgers University	<b>1977-1984</b>
<b>Graduate Research Assistant and Researcher</b> - Department of Agricultural Economics and Rural Sociology, Pennsylvania State University.	<b>1971-1977</b>
<b>Project Director</b> - Mani Regional Development Project, NGO, Greece	<b>1968-1971</b>
<b>Agriculturist</b> - NGO, Greece	<b>1964-1966</b>

## TEACHING INTEREST AND SPECIALTIES

Matrix Algebra and Linear Programming  
Intermediate Algebra  
Statistical Methods  
Distribution in Agribusiness  
Agricultural Development (Domestic rural and Regional Development)  
Agricultural and Forestry Environmental Problems  
Cost Benefit Analysis  
Research Methods for Graduate Students in Agriculture  
Principles and Applications of Macroeconomics  
Regional Economics

## RESEARCH INTERESTS AND SPECIALTIES

Land Use  
Economic Impact Analysis  
Factors Associated with Employment Change in Rural Areas  
Rural Labor Markets

## CONSULTANTSHIPS (PAID AND UNPAID)

- Organizer of Conference, "Alternative Food Production Systems and Nutrition" (1999-2000).
- United Nations Development Council, Assist in Development of University Network for Sustainable Local Development, El Salvador (1999-2000)
- Wabash County Literacy Task Force (1999-2000)
- Brehm Preparatory School, Inc. (1999)
- Illinois Department of Commerce and Community Affairs (preparing quarterly reports on status of southern Illinois economy, 1997-2003)
- Winrock International (1996-1997)
- U.S. Army Engineer Institute for Water Resources (1995-2003): providing IMPLAN applications on multiregional input-output model
- FoCUS of Southern Illinois (1995-1997): provide economic evaluation of welfare reform activities
- Carbondale Business Development Corporation (1995): serving as judge for business plan competition program
- Ecologically Sustainable Development, Inc. (Elizabethtown, New York) (1993-1997): member of scientific and policy team working on sustainable land use program in Ussuri/Wusuli Watershed of Northeastern China and Russian Far East
- U.S. Fish and Wildlife Services (1991-1992): provided economic impact assessment of Emiquon National Wildlife Refuge.
- Rural Partners of Illinois (1987-1992)
- Southern Five Regional Planning and Development Commission (1987-1992)

## EVALUATION OF GRANT PROPOSALS AND MANUSCRIPTS FOR JOURNALS, BOOK PUBLISHERS

- Reviewer of grant proposals for USDA Competitive Research Grants Office
- Reviewer for Canadian Journal of Regional Economics
- Reviewer for Economic Development Quarterly
- Reviewer for Growth and Change
- Reviewer for The Journal of Regional Studies
- Reviewer for Journal of the Community Development Society
- Reviewer for Policy Studies Journal
- Reviewer for Selected Papers for AAEA Annual Meetings
- Reviewer of manuscript for Southern Illinois Press

## RECENT PAPERS AND PRESENTATIONS AT PROFESSIONAL MEETINGS

Peterson, W., J.K. Buckheit, R.J. Beck, A. D. Carver. 2003. Using Shift--Share and Geographic Information Systems (GIS) to Analyze Economic Development in Rural Labor Market Areas in Illinois. Paper presentation at the Thirty-Ninth Annual Meeting of the Missouri Valley Economics Association. February 27-March 1. St. Louis, Missouri.

Beck, R. J., J. K. Buchheit, and A. D. Carver. 2001. Economic considerations of farmland riparian zone: Paper presentation at the Illinois Renewable Natural Resources Conference. March 7-9. Peoria Illinois.

White, E. M., A. D. Carver, J. E. Phelps, and R. J. Beck. 2000. Characterizing timber mill production in the southern Illinois region: Is production potential related to Illinois saw-log exportation. Poster presentation at the Society of American Foresters National Convention. November, 16-20. Washington, D.

Beck, R. J. and A. D. Carver. 2000. Economic impact on rural towns. Invited presentation at the Kaskaskia River Watershed Summit sponsored by the Kaskaskia Watershed Association. November 20. Illinois.

## PUBLICATIONS

### BOOKS:

O'Brien, J. David, Janet S. Ayres, Roger J. Beck, Jack Geller, Edward W. Hassinger, Kevin McNamara. A Research Agenda for Studying Rural Public Service Delivery Alternatives in the North Central Region. Ames: Iowa State University Printing Services, April, 1994. 71 pages.

Beck, Roger, William Herr, and Nanda Rangan. Bank Structure and Economic Development in Nonmetropolitan Areas of Illinois. Illinois Institute for Rural Affairs, Western Illinois University, Macomb, Illinois, August, 1991. 33 pages.

### PROFESSIONAL JOURNALS:

Carver, A. D., R. D. Arthur, R. J. Beck, and N. A. Damery. 2000. The effects of urbanization on the siting and expansion of livestock facilities in Illinois under proposed legislation: A spatial analysis. Professional Animal Scientist, (16)2:100-104.

Beck, Roger J., Steven E. Kraft and John Burde. "Is the Conversion of Land From Agricultural Production to a Bioserve Boon or Bane for Economic Development? The Cache River Bioserve as a Case Study." Journal of Soil and Water Conservation 54 (1), 1999, pp. 394-401.

Burde, John, Steven Kraft, and Roger Beck. "Partnerships in Wetland Restoration." Parks and Recreation 33 (2), 1998, pp. 34-44.

Beck, Roger, Donald Elliott, John Meisel, and Michael Wagner. "Economic Impact Studies of Regional Public Colleges and Universities." Growth and Change 26 (2), 1995, pp. 245-260.

Snively, Keith and Roger Beck. "Defining the Role of Nonprofit Corporations in Community Economic Development." Journal of the Community Development Society 24 (2), 1993, pp. 213-228.

Phelps, John, Dwight McCurdy, Michael Wagner and Roger Beck. "An Economic Impact Analysis of a Hardwood Lumber Dry Kiln Operation in Southern Illinois." Illinois Business Review 49 (1), 1992, pp. 14, 15, 20.

Beck, Roger J. and William McD. Herr. "Employment Linkages from a Modified Shift-Share Analysis: An Illinois Example." The Review of Regional Studies 20 (3), 1990, pp. 38-45

Beck, Roger J. and William McD. Herr. "Income Inequality among Illinois Counties: Contentment and Despair." Illinois Business Review (4), 1990, pp. 8-12.

Beck Roger J. and Eric Frymire. "Factors Affecting Farmers' Attachments to Production Agriculture." North Central Journal of Agricultural Economics 11 (1), 1989, pp. 50-57

Eberle, Phillip R. and Roger J. Beck. "Basic vs. Target Programs in Developing Curricula in Agricultural Economics." National Association of Colleges and Teachers of Agriculture 33, 1989, pp. 26-29.

Beck, Roger J. "Linkages Between the Farm Sector and the Local Nonfarm Economy." Economic Development Quarterly 1 (4), 1987, pp. 379-82.

Beck, Roger J. and William McD. Herr. "Are More Jobs the Answer to Economic Development of Southern Illinois?" Illinois Business Review 44 (5), 1987, pp. 6-10.

Beck, Roger J. and Larry R. Medsker. "Entity-Relationship Approach to Regional Economic Data Analysis." The Review of Regional Studies 17 (1), 1987, pp. 13-20.

Hoffman, Colette M. and Roger J. Beck. "A Sensitivity Analysis of Commuting Patterns: An Occupational Comparison." The Review of Regional Studies 13 (3), 1983, pp. 26-30.

Beck, Roger J. and J. Dean Jansma. "Spatial and Socioeconomic Factors Influencing Labor Force Participation Rates." Journal of the Northeastern Agricultural Economics Council 11 (2), 1982, pp. 61-9.

Beck, Roger J. "Labor Force Characteristics of a Rural County's Commuters." Journal of the Northeastern Agricultural Economics Council 8 (2), 1979, pp. 165-75.

Beck, Roger J. and J. Dean Jansma. "Community Adjustments to a Major Plant Closure: A Case Study of Berwick, Pennsylvania." Journal of the Northeastern Agricultural Economics Council 3 (2), 1974, pp. 135-42.

#### MEMBERSHIPS

- American Agricultural Economics Association
- Community Development Society
- Illinois Economic Association
- Regional Science Association International
- Southern Regional Science Association