

# DAVID ABLER

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## Place of Birth and Citizenship

United States

## Current Positions

1999-Present Professor, Agricultural, Environmental & Regional Economics and Demography,  
Penn State University  
1997-Present Principal, By The Numbers  
2007-Present J. Lossing Buck Visiting Professor, Nanjing Agricultural University, China

## Previous Positions

1993-1999 Associate Professor, Agricultural Economics and Demography, Penn State  
University  
1994 Visiting Research Professor, Wageningen University, The Netherlands  
1987-1993 Assistant Professor, Agricultural Economics and Demography, Penn State  
University  
1982-1986 Research Assistant, Economics, University of Chicago  
1984 Intern, Cargill, Inc.  
1980-1982 Teaching Assistant, Economics, Macalester College

## Education

1987 Ph.D., Economics, University of Chicago  
1982 B.A., Economics and Mathematics, Macalester College  
(*Magna Cum Laude and Highest Honors*)

## Languages

Spanish (Reading=Good; Spoken=Fair; Written=Fair)

## International Experience

Canada	Mexico
China	Nepal
Costa Rica	Nicaragua
France	Peru
India	United Kingdom

## Professional Societies

Agricultural and Applied Economics Association  
American Economic Association  
American Evaluation Association  
Association of Environmental and Resource Economists  
Chinese Economists Society  
International Agricultural Trade Research Consortium  
International Association of Agricultural Economists  
Northeastern Agricultural and Resource Economics Association

## Academic Publications

### *Climate Change*

- Shortle, J., D. Abler, S. Blumsack, K. Fang, A. Kemanian, P. Knight, M. McDill, R. Najjar, R. Ready, A. Ross, M. Rydzik, C. Shen, S. Wang and D. Wardrop (2015). *Pennsylvania Climate Impacts Assessment Update*. Harrisburg: Pennsylvania Department of Environmental Protection.
- Abler, D., K. Fisher-Vanden, M. McDill, R. Ready, J. Shortle, I. Sue Wing, and T. Wilson (2011). *Economic Impacts of Projected Climate Change in Pennsylvania*. Harrisburg: Pennsylvania Department of Environmental Protection.
- Shortle, J., D. Abler, S. Blumsack, R. Crane, Z. Kaufman, M. McDill, R. Najjar, R. Ready, T. Wagener, and D. Wardrop (2009). *Pennsylvania Climate Impact Assessment Report*. Harrisburg: Pennsylvania Department of Environmental Protection.
- Abler, D., J. Shortle, and A. Fisher (2004). "Climate Change and Pennsylvania Agriculture." *Penn State Environmental Law Review* 12:117-125.
- Reilly, J., F. Tubiello, B. McCarl, D. Abler, R. Darwin, K. Fuglie, S. Hollinger, C. Izaurrealde, S. Jagtap, J. Jones, L. Mearns, D. Ojima, E. Paul, K. Paustian, S. Riha, N. Rosenberg, and C. Rosenzweig (2003). "U.S. Agriculture and Climate Change: New Results." *Climatic Change* 57:43-69.
- Reilly, J., J. Hrubovcak, J. Graham, D. Abler, R. Darwin, S. Hollinger, C. Izaurrealde, S. Jagtap, J. Jones, J. Kimble, B. McCarl, L. Mearns, D. Ojima, E. A. Paul, K. Paustian, S. Riha, N. Rosenberg, C. Rosenzweig, and F. Tubiello (2002). *Agriculture: The Potential Consequences of Climate Variability and Change for the United States*. Cambridge: Cambridge University Press.
- Abler, D., J. Shortle, J. Carmichael, and R. Horan (2002). "Climate Change, Agriculture, and Water Quality in the Chesapeake Bay Region." *Climatic Change* 55:339-359.
- Abler, D. G., and J. S. Shortle (2001). "Agriculture." *Preparing for a Changing Climate: The Potential Consequences of Climate Variability and Change*. Ed. A. Fisher. University Park, Pennsylvania: Penn State University.
- Abler, D., J. Shortle, A. Rose, and G. Oladosu (2000). "Characterizing Regional Economic Impacts and Responses to Climate Change." *Global and Planetary Change* 25:67-81.

Abler, D. G., and J. S. Shortle (2000). "Climate Change and Agriculture in the Mid-Atlantic Region." *Climate Research* 14:185-194.

Kamat, R., A. Rose, and D. Abler (1999). "The Impact of a Carbon Tax on the Susquehanna River Basin Economy." *Energy Economics* 21:363-384.

Shortle, J. S., D. G. Abler, and A. Fisher (1999). "Developing Socioeconomic Scenarios: Mid-Atlantic Case." *Acclimations* 7:7-8.

### **Global Food and Agricultural Markets**

Chen, D., D. Abler, D. Zhou, X. Yu, and W. Thompson (2015). "A Meta-Analysis of Food Demand Elasticities for China." *Applied Economic Perspectives and Policy*, doi: 10.1093/aep/ppv006.

Yu, X., and D. Abler (2014). "Where Have All the Pigs Gone? Inconsistencies in Pork Statistics in China." *China Economic Review* 30:469-484.

Chen, D., and D. Abler (2014). "Demand Growth for Animal Products in the BRIC Countries." *Agribusiness: An International Journal* 30:85-97.

Zhou, D., X. Yu, D. Abler, and D. Chen (2014). *Projecting Meat and Cereals Demand for China Based on a Meta-Analysis of Income Elasticities*. University of Göttingen, Global Food Discussion Paper No. 34, May 2014.

Fleming, D., and D. Abler (2013). "Does Agricultural Trade Affect Productivity? Evidence from Chilean Farms." *Food Policy* 41:11-17.

Abler, D., D. Blandford, D. Orden, J. Wainio, and C. Jabara (2011). *Transparency of Nontariff Measures in Food and Agricultural Trade*. Oak Brook, Illinois: Farm Foundation.

Abler, D. (2010). *Demand Growth in Developing Countries*. TAD/CA/APM/CFS/MD(2010)9. Paris: Organization for Economic Cooperation and Development.

Abler, D. (2009). "Where Does All the Money Go? Measuring Effects of Agricultural Policy Transfers on Farm Income." *American Journal of Agricultural Economics* 91:1302-1303.

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Abler, D. (2007). "Approaches to Measuring the Effects of Trade Agreements." *Journal of International Agricultural Trade and Development* 3:155-171.

- Abler, D. (2006). "New Dimensions and Emerging Issues in Modeling Global Food and Agricultural Markets." *Journal of International Agricultural Trade and Development* 2:i.
- Abler, D., and D. Blandford (2006). "A Review of Empirical Studies of the Acreage and Production Response to US Production Flexibility Contract Payments under the Fair Act and Related Payments under Supplementary Legislation." *OECD Economic Papers* 5:259-290.
- Abler, D. (2001). "Elasticities of Substitution and Factor Supply in Canadian, Mexican and United States Agriculture." *Market Effects of Crop Support Measures*. Paris: Organization for Economic Cooperation and Development.
- Abler, D. G., and J. S. Shortle (1997). "Modeling Environmental and Trade Policy Linkages: The Case of EU and US Agriculture." *Environmental Policy Modeling*. Ed. W. Martin and L. McDonald. New York: Kluwer.
- Abler, D. G., A. G. Rodríguez, and J. S. Shortle (1995). "Natural Resource Implications of Agricultural Trade Liberalization." *Agricultural Competitiveness: Market Forces and Policy Choice*. Ed. G. H. Peters and D. D. Hedley. Aldershot, UK: Dartmouth.
- Abler, D. G. (1995). "The European Union and Its Consequences for World Agriculture." *International Association of Agricultural Economists (IAAE) Members Bulletin*, no. 13. Oxford, UK: IAAE.
- Abler, D. G., and D. Pick (1993). "NAFTA, Agriculture and the Environment in Mexico." *American Journal of Agricultural Economics* 75:794-798.
- Abler, D. G. (1993). "NAFTA, Agriculture, and the Environment." *Tulsa Law Journal* 28:659-671.
- Abler, D. G., and J. S. Shortle (1992). "Potential for Environmental and Agricultural Policy Linkages and Reforms in the European Community." *American Journal of Agricultural Economics* 74:775-781.
- Abler, D. G., and J. S. Shortle (1992). "Environmental and Farm Commodity Policy Linkages in the US and EC." *European Review of Agricultural Economics* 19:197-217.
- Abler, D. G. (1991). "Campaign Contributions and House Voting on Sugar and Dairy Legislation." *American Journal of Agricultural Economics* 73:11-17.
- Abler, D. G. (1989). "Vote Trading on Farm Legislation in the U.S. House." *American Journal of Agricultural Economics* 71:583-591.

### ***Economic Growth and Development***

- Chen, D., D. Abler, X. Gao, and Q. Gao (2013). "Innovation in Chinese Agribusinesses: Internal Resources and External Networks." *Journal of Agricultural Science and Technology B* 3:635-647.
- Abler, D., and D. Chen (2012). "The Role of Contracts in Managing Risk in the Fresh Food Supply Chain." *Farm Policy Journal* 9(1):53-61.

- Fleming, D., D. Abler, and S. Goetz (2010). "The Impact of Agricultural Trade on Poverty: The Case of Chile." *Agricultural Economics* 41:545-553.
- Yu, X., and D. Abler (2010). "Interactions between Cigarette and Alcohol Consumption in Rural China." *European Journal of Health Economics* 11:151-160.
- Yu, X., and D.G. Abler (2009). "The Demand for Food Quality in Rural China." *American Journal of Agricultural Economics* 91:57-69.
- Karim, I.E., and D. Abler (2009). "Sudan's Proposal to Accede to the WTO: Impacts on Agricultural Markets." *Journal of International Agricultural Trade and Development* 5:209-226.
- Abler, D.G., and V.A. Sukhatme (2006). "The 'Efficient But Poor' Hypothesis." *Review of Agricultural Economics* 28:338-343.
- Larson, J. M., S. M. Smith, and D. G. Abler (2003). "An Economic Analysis of Land Titling in Peru." *Quarterly Journal of International Agriculture* 42:79-97.
- Jensen, L., D. Abler, H. Robles-Vásquez, P. Muñoz-Salazar, and D. Post (2001). "A Multivariate Model of Child Labor and School Attendance." *Children's Work, Schooling, and Welfare in Latin America*. Ed. D. Post. Boulder, CO: Westview Press.
- Abler, D. G., A. G. Rodríguez, and J. S. Shortle (1999). "Trade Liberalization and the Environment in Costa Rica." *Environment and Development Economics* 4:357-373.
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- Trivelli, C., and D. G. Abler (1997). "El Impacto de la Desregulación en el Mercado de Tierras en el Perú [The Impact of Land Market Deregulation in Peru]." *Perú: El Problema Agrario en Debate/SEPIA VI*. Ed. E. González de Olarte, B. Revesz, and M. Tapia. Lima: SEPIA.
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Abler, D. G., G. S. Tolley, and G. K. Kripalani (1994). *Technical Change and Income Distribution in Indian Agriculture*. Boulder, CO: Westview Press.

Kidane, A., and D. G. Abler (1994). "Production Technologies in Ethiopian Agriculture." *Agricultural Economics* 10:179-191.

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Abler, D. G. (1991). "Differential Returns to Labor in Indian Agriculture." *Northeastern Journal of Agricultural and Resource Economics* 20:24-32.

### ***Environment and Natural Resources***

Shortle, J., D. Abler, Z. Kaufman, and K. Zipp (2016). "Implications of Lags in Pollution Delivery for Efficient Agricultural Waste Load Allocations and the Design of Water Quality Trading Programs." Under review at *Agricultural and Resource Economics Review*.

Abler, D. (2015). "Economic Evaluation of Agricultural Pollution Control Options for China." *Journal of Integrative Agriculture* 14:1045-1056.

Kaufman, Z., D. Abler, J. Shortle, J. Harper, J. Hamlett, and P. Feather (2014). "Agricultural Costs of the Chesapeake Bay Total Maximum Daily Load." *Environmental Science & Technology* 48: 14131-14138.

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Celikkol, B., and D.G. Abler (2008). "Environmental Policy with Endogenous Technology from a Game Theoretic Perspective: The Case of the US Pulp and Paper Industry." *Environmental and Resource Economics* 40:424-444.

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- Horan, R., J. Shortle, and D. Abler (2004). "The Coordination and Design of Point-Nonpoint Trading Programs and Agri-Environmental Policies." *Agricultural and Resource Economics Review* 33:61-78.
- Horan, R. D., J. S. Shortle, and D. G. Abler (2002). "Point-Nonpoint Nutrient Trading in the Susquehanna River Basin." *Water Resources Research* 38:1-12.
- Horan, R., J. Shortle, and D. Abler (2002). "Ambient Taxes Under  $m$ -Dimensional Choice Sets, Heterogeneous Expectations, and Risk Aversion." *Environmental and Resource Economics* 21:189-202.
- Horan, R. D., D. G. Abler, J. S. Shortle, and J. Carmichael (2002). "Cost-Effective Point-Nonpoint Trading: An Application to the Susquehanna River Basin." *Journal of the American Water Resources Association* 38:467-477.
- Shortle, J. S., and D. G. Abler, eds. (2001). *Environmental Policies for Agricultural Pollution Control*. Walingford, UK: CAB International.
- Horan, R. D., J. S. Shortle, and D. G. Abler (1999). "Green Payments for Nonpoint Pollution Control." *American Journal of Agricultural Economics* 81:1210-1215.
- Abler, D. G., A. G. Rodríguez, and J. S. Shortle (1999). "Parameter Uncertainty in CGE Modeling of the Environmental Impacts of Economic Policies." *Environmental and Resource Economics* 14:75-94.
- Shortle, J., and D. Abler (1999). "Agriculture and the Environment." *Handbook of Environmental and Resource Economics*. Ed. J. van der Bergh. Cheltenham UK: Edward Elgar.
- Shortle, J. S., R. D. Horan, and D. G. Abler (1998). "Ambient Taxes when Polluters Have Multiple Choices." *Journal of Environmental Economics and Management* 36:186-199.
- Shortle, J. S., R. D. Horan, and D. G. Abler (1998). "Research Issues in Nonpoint Pollution Control." *Environmental and Resource Economics* 11:571-585.
- Shortle, J. S., and D. G. Abler (1997). "Nonpoint Source Pollution." *International Yearbook of Environmental and Resource Economics*. Ed. H. Folmer and T. Tietenberg. London: Edward Elgar.

- Abler, D. G. (1996). "Environmental Policies and Induced Innovation: The Case of Agriculture." *Agricultural Markets: Mechanisms, Failures, and Regulations*. Ed. D. Martimort. Amsterdam: Elsevier.
- Abler, D. G. (1996). "Environmental Policies and Induced Innovation: The Case of Agriculture." *Agricultural Markets: Mechanisms, Failures, and Regulations*. Ed. D. Martimort. Amsterdam: Elsevier.
- Abler, D. G., and W. N. Musser (1995). "The Allocation of LISA Research and Extension Funding." *Agricultural and Resource Economics Review* 24:15-24.
- Abler, D. G., and J. S. Shortle (1995). "Technology as an Agricultural Pollution Control Policy." *American Journal of Agricultural Economics* 77:20-32.
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- Shortle, J. S., D. G. Abler, and J. C. Becker (1990). "The Political Economy of Groundwater Protection." *Non-Point Water Quality Concerns: Legal and Regulatory Aspects*. Ed. C. E. Bouchard. St. Joseph, MI: American Society of Agricultural Engineers.
- Abler, D. G., and J. S. Shortle (1989). "Cross Compliance and Water Quality Protection." *Journal of Soil and Water Conservation* 44:453-454.