

CURRICULUM VITA

Joshua C. Farley

The University of Vermont
Community Development and Applied Economics
Gund Institute for Ecological Economics
205 H Morrill Hall
Burlington, VT 05405-1708

I. PERSONAL

Date of Birth: January 8, 1963
Place of Birth: Ithaca, NY
Citizenship: USA
Marital Status: Married, two children
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II. EDUCATION

- 1999 Ph.D.** Cornell University, Agricultural, Resource and Managerial Economics
Dissertation: 'Optimal' Deforestation in the Brazilian Amazon; Theory and Policy: The Local, National, International and Intergenerational Viewpoints.
- 1990 M.I.A.** Columbia University, Economic and Political Development
- 1990 Certificate in Latin American Studies.** Columbia University
- 1985 B.A.** in Biology, Grinnell College

III. PROFESSIONAL BACKGROUND

- Fall, 2009:** Visiting Professor, Centro de Ciencias Agrarias, Universidade Federal de Santa Catarina, Florianopolis, SC, Brasil
- 2008-Present:** Associate Professor, Community Development and Applied Economics, University of Vermont, VT 05405
- 2003-2008** Assistant Professor, Community Development and Applied Economics, UVM
- 2002-Present:** Fellow, Gund Institute for Ecological Economics, University of Vermont, Burlington, VT
- 2002-Present:** Licensed Examiner and Affiliated Staff, Center for Resource Management and Environmental Studies, Cave Hill Campus, University of the West Indies, Barbados
- 1999-2002:** Executive Director, Institute for Ecological Economics, University of Maryland, Solomons, MD 20688.
- 1998-1999:** Program Director, School for Field Studies' Centre for Rainforest Studies, PO Box 141, Yungaburra, QLD Australia.
- 1996-1998:** Resident Faculty in Ecological Economics, School for Field Studies' Centre for Rainforest Studies, PO Box 141, Yungaburra, QLD Australia.

- 1996-1999:** Lecturer, Boston University (while resident at the Centre for Rainforest Studies). Boston, Massachusetts
- 1993, 1995** Research Assistant/Teaching Assistant. Cornell University, Ithaca, NY
- Fall '92, '94** Intern, Institute for Applied Economic Research, Av. Pres. Antonio Carlos, 51 Rio de Janeiro, RJ 20020-010
- Spring, 1990** Consultant, Help for Progress. PO Box 97, Belmopan, Belize
- Summer, '89** Group Leader to Royesville, Liberia. Operation Crossroads Africa. 475 Riverside Drive, Suite 1366, New York, New York 10115
- 1985,'87-'88** Professional Carpenter

III. RESEARCH

A. Areas of Professional Expertise and Research Interests:

Ecological Economics, Natural resource economics, Policy, Service learning, Ecosystem services, System sustainability, Economic globalization, Economic development, Ecological restoration, Ecosystem valuation, Quality of life.

Language Skills: Fluent Portuguese, proficient (formerly fluent) Spanish

B. Publications

Peer Reviewed Journal Articles

- Farley, J. and R. Costanza (2010) Payments for Ecosystem Services: From the Local to the Global. *Ecological Economics* 69:2060-2068
- Kemkes, R., J. Farley and C. Koliba (2010) Determining When Payments Are an Effective Policy Approach to Ecosystem Service Provision. *Ecological Economics*. 69: 2069-2074
- Farley, J., A. Aquino, A. Daniels, A. Moulaert, D. Lee, and A. Krause (2010) Global Mechanisms for Sustaining and Enhancing PES Schemes. *Ecological Economics*. 69: 2075-2084
- Reynolds, T. W., J. Farley, and C. Huber (2010) Investing in human and natural capital: An alternative paradigm for sustainable development in Awassa, Ethiopia. *Ecological Economics*. 69: 2140-2150
- Kubiszewski, I., J. Farley and R. Costanza (2010). The production and allocation of information as a good that is enhanced with increased use. *Ecological Economics*. 69: 1344-1354
- Farley, J., D. Batker, I. de la Torre and T. Hudspeth. (2010) Conserving Mangrove Ecosystems in the Philippines: transcending and institutional borders. *Environmental Management*. 45: 39-51
- Farley, J. (2010). Conservation Through the Economics Lens. *Environmental Management* 45:26-38.
- Aronson, J., J. N. Blignaut, R. S. de Groot, A. Clewell, P. P. Lowry II, P. Woodworth, R. M. Cowling, D. Renison, J. Farley, C. Fontaine, D. Tongway, S. Levy, S. J. Milton, O. Rangel, B. Debrincat, and C. Birkinshaw (2010) The road to sustainability must bridge three great divides. *Annals of the New York Academy of Sciences* 1185:225-236.
- Costanza, R. and J. Farley (2010) What Should Be Done With the Revenues From a Carbon-Cap-and-Auction System? *Solutions*, 1:1 online: <http://www.thesolutionsjournal.com/node/429>

- Beddoe, R., R. Costanza, J. Farley, E. Garza, Jennifer Kent, Ida Kubiszewski, Luz Martinez, Tracy McCowen, Kathleen Murphy, Norman Myers, Zach Ogden, Kevin Stapleton, and John Woodward (2009) Overcoming Systemic Roadblocks to Sustainability: the evolutionary redesign of worldviews, institutions and technologies. *Proceedings of the National Academy of Sciences*. 106:8, 2843-2489
- Farley, J. (2008) The Role of Prices in Conserving Critical Natural Capital. *Conservation Biology*. 22:6, 1399-1408
- Farley, J. and B. Miles. (2008) Science and Problem Solving in a Political World: Lessons from Katrina. *Ecological Economics and Statistics*. 11:S08, 3-20.
- Costanza, R. B. Fisher, S. Ali, C. Beer, L. Bond, R. Boumans, N. L. Danigelis, J. Dickinson, C. Elliott, J. Farley, D. E. Gayer, L. MacDonald Glenn, T. Hudspeth, D. Mahoney, L. McCahill, B. McIntosh, B. Reed, S. A. T. Rizvi, D. M. Rizzo, T. Simpatico, and R. Snapp. (2008) An integrative approach to quality of life measurement, research, and policy. *Surveys and Perspectives Integrating Environment and Society*. 1, 11-15
- Costanza, R. and J. Farley (2007) Ecological Economics of Coastal Disasters: Introduction to the Special Issue. *Ecological Economics*. 63:2-3, 249-253
- Voinov, A. and J. Farley. (2007) Reconciling Sustainability, Systems Theory and Discounting. *Ecological Economics* 63:1, 104-113
- Farley, J., D. Baker, D. Batker, C. Koliba, R. Matteson, R. Mills and J. Pittman. (2007) Opening the Policy Window for Paradigm Shifts: Katrina as a Focusing Event. *Ecological Economics*. 63:2-3, 344-354
- Costanza, R., B. Fisher, S. Ali, C. Beer, L. Bond, R. Boumans, N. Danigelis, J. Dickinson, C. Elliott, J. Farley, D. Gayer, L. MacDonald Glenn, T. Hudspeth, D. Mahoney, L. McCahill, B. McIntosh, B. Reed, S. A. Rizvi, D. Rizzo, T. Simpatico, and R. Snapp (2007). Quality of Life: An Approach Integrating Opportunities, Human Needs, and Subjective Well-Being. *Ecological Economics* 61:2-3 267-276
- Farley, J. and H. Daly. (2006) Natural Capital: The Limiting Factor. A Reply to Aronson, Blignaut, Milton and Clewell. *Ecological Engineering*. 28:1, 6-10
- Gates, J. Edward , N. Dawe, J. Erickson, J. Farley, V. Geist, H. Hands, P. Magee and D. Trauger (2006) , A critical analysis of The Wildlife Society's position statement on economic growth. *Wildlife Society Bulletin*. 34(2): 507-511 (peer edited).
- Silvano, R., S. Udvardy, M. Ceroni and J. Farley (2005). An Ecological integrity assessment of a Brazilian Atlantic Rain Forest watershed based on surveys of stream health and local farmers' perceptions. *Ecological Economics*. vol. 53, issue 3, pages 369-385
- Voinov, A., L. Bromley, E. Kirk, A. Korchak, J. Farley, T. Moiseenko, T. Krasovskaya, Z. Makarova, V. Megorski, V. Selin, G. Kharitonova, R. Edson (2004). Understanding Human and Ecosystem Dynamics in the Kola Arctic: a Participatory Integrated Study. *Arctic*, v. 57, no. 4, Dec. 2004, p. 375-388
- Ferreira, D., S. Suslick, J. Farley, R. Costanza, S. Krivov (2004). A decision model for financial assurance instruments in the upstream petroleum sector. *Energy Policy* 32, no.10 p. 1173-1184

- Farley, J. and R. Costanza (2002) Envisioning Shared Goals for Humanity: a detailed, shared vision of a sustainable and desirable USA in 2100. *Ecological Economics* vol. 43 (2-3) 245-259
- Boumans, R., R. Costanza, J. Farley et. al. (2002) Modeling the Dynamics of the Integrated Earth System and the Value of Global Ecosystem Services using the GUMBO model. *Ecological Economics* vol. 41 (3) 529-560
- Farley, J. (2000) Should Market Economists be Protesting the WTO Too?. *Ecological Economics*, vol. 33, No. 3, June, 2000.

Books

- Daly, Herman and J. Farley (2010) *Ecological Economics: Principles and Applications*, 2nd Edition. Island Press: Washington, DC.
- Farley, J., J. Erickson and H. Daly (2005). *Ecological Economics: A Workbook for Problem-Based Learning*. Island Press: Washington, DC.
- Daly, Herman and J. Farley (2004). *Ecological Economics: Principles and Applications*. Island Press: Washington, DC. 450 pp. Translated into Chinese and Portuguese, also published in India.

In Preparation

- Farley, J. and D. Malghan (eds.) (2010) A Festschrift in Honor of Herman Daly. *Encyclopedia of Earth*. On-line: http://www.eoearth.org/article/Herman_Daly_Festschrift_%28e-book%29
- Farley, J. and D. Malghan (eds.) (2010) *Beyond Uneconomic Growth: Herman Daly, Ecological Economics, and the Future of the Planet*. Island Press: Washington DC
- Cornell, S., J. Jaeger and many others. (2010) *Planet 2050*. Routledge: London
- Farley, J., J. Aronson, D. de Groot and J. Blignaut. *Restoring Natural Capital: Financing and Valuation*. Island Press: Washington DC

Book Chapters

- Pascual, U. and R. Muradian (coordinating lead authors), L. Brander, E. Gómez-Baggethun, B. Martín-López, and M. Verma (lead authors), P. Armsworth, M. Christie, H. Cornelissen, F. Eppink, J. Farley, J. Loomis, L. Pearson, C. Perrings, S. Polasky (contributing authors) (2010) The economics of valuing ecosystem services and biodiversity. in *TEEB, (2010) The Economics of Ecosystems and Biodiversity: The Ecological and Economic Foundations*. Earthscan Press
- Farley, J. (2010) *Ecological Economics*. In R. Heinberg and D. Lerch (eds.) *The Post Carbon Reader - Managing the 21st Century's Sustainability Crises*. On-line: <http://www.postcarbon.org/reader>
- Costanza, R., J. Farley, and I. Kubiszewski (2010) Adapting Institutions for Life in a Full World. Pages 85-90 in E. Assadourian (project director), L. Starke, and L. Mastny, editors. 2010 *State of the World: Transforming Cultures*. WW Norton and Co., New York.
- Farley, J. (2009) *Ecological economics and sustainable forest management*. In I.P. Soloviy and W.S. Keeton (eds.) *Ecological Economics and Sustainable Forest Management: Transdisciplinary approach to the Carpathian Mountains*. Ukrainian National forestry University Press/Liga-Press, Lviv, Ukraine. pp. 40-54
- Farley, J., L. Zahvoyska, and L. Maksymiv (2009) *Transdisciplinary paths towards sustainability: new approaches for integrating research, education and policy*. In I.P. Soloviy and W.S. Keeton (eds.) *Ecological Economics and Sustainable Forest*

- Management: Transdisciplinary approach to the Carpathian Mountains. Ukrainian National forestry University Press/Liga-Press, Lviv, Ukraine. pp. 55-69
- Farley, J. (2008) Environmental valuation and its application. In F.G. Faleiro and A. L. Farias Neto (eds.) *Savanas: Desafios e estratégias para o equilíbrio entre sociedade, agronegócio e recursos naturais*.
- Farley, J. (2008) Limits to Growth. In J. B. Callicott and R. Frodeman (Co-Eds. in Chief) *Encyclopedia of Environmental Ethics and Philosophy*. Macmillan Reference, USA, Farmington Hills, MI. pp. 45-47
- Campos, E., J. Farley and P. Pereira. (2007) Agregando a disposição a trabalhar voluntariamente (DTV) à metodologia de valoração dos bens e serviços ambientais: princípios e validação em remanescentes da Mata Atlântica em Minas Gerais. In L. Yamaguchi et al. (eds.) *Aspectos sócio-econômicos e ambientais da produção de leite*. EMPRAPA: Juiz de Fora, MG.
- Farley, J. and E. Gaddis. (2007) An ecological economic assessment of restoration. In J. Aronson, S. Milton and J. Blignaut. *Restoring Natural Capital: Science, Business and Practice*. Island Press: Washington, DC.
- Farley, J., E. Gaddis, W. Rees and K. VanDis. (2007) Our global footprint: Managing global public goods. In J. Aronson, S. Milton and J. Blignaut. *Restoring Natural Capital: Science, Business and Practice*. Island Press: Washington, DC.
- Rees, W., J. Farley, R. de Groot, and E. Vesely. (2007) Valuing natural capital and the costs and benefits of restoration. In J. Aronson, S. Milton and J. Blignaut. *Restoring Natural Capital: Science, Business and Practice*. Island Press: Washington, DC.
- Farley, Joshua (2005). Ecological Economics, in *The Encyclopedia of Science, Technology and Ethics* (C. Mitcham, ed.). Macmillan Reference, USA.
- Costanza, R., J. Farley, P. Templet (2002) Background: The Quality of Life and the Distribution of Wealth and Resources. In Costanza, R. and S. E. Jørgensen (eds.) 2002. *Understanding and Solving Environmental Problems in the 21st Century: Toward a New, Integrated Hard Problem Science*. Elsevier, Amsterdam. 324 pp.
- Farley, J., R. Costanza, P. Templet et al. (2002) Synthesis: The Quality of Life and the Distribution of Wealth and Resources. In Costanza, R. and S. E. Jørgensen (eds.) 2002. *Understanding and Solving Environmental Problems in the 21st Century: Toward a New, Integrated Hard Problem Science*. Elsevier, Amsterdam. 324 pp.
- Forthcoming Chapters*
- Farley, J. (2010) The Economics of Sustainability in U. Diwekar and H. Cabezas (ed.) *Sustainability*. Bentham Open E-books.
- van den Belt, M., V. Forgie and J. Farley (2010) Valuation of Ecosystem Services. In M. van den Belt (ed.) *Treatise on Estuarine and Coastal Science*. Elsevier
- Other edited volumes*
- Costanza, R. and J. Farley. (2010) Special issue on Payments for Ecosystem Services. *Ecological Economics* 69
- Costanza, R. and J. Farley. (2008) Special issue on the Ecological Economics of Coastal Disasters. *Ecological Economics* 63:2-3
- Letters and book reviews*
- Beddoe, R., R. Costanza, J. Farley, E. Garza, J. Kent, I. Kubiszewski, L. Martinez, T. McCowen, K. Murphy, N. Myers, Z. Ogden, K. Stapleton, and J. Woodward. 2009. Reply to Knecht: Achieving sustainable health. *Proceedings of the National Academy of Sciences*. 106:E81.
- Farley, J. (2007) Deep Economy, by Bill McKibben. *Adbusters*. 15

- Farley, J. (2007) Wicked Problems, a review of Sustainability: A Philosophy of Adaptive Management, by Bryan Norton. Bioscience, v. 57, no. 9, p 797-798
- Czech, B, D. Trauger, J. Farley, R. Costanza, H. Daly, C. Hall, R. Noss, L. Krall, and P. Krausman (2005) Establishing Indicators for Biodiversity (letter). Science, v. 308, no. 5723
- Farley, J. (2001) All Aboard for the Steady State Revolution. Book Review of Czech, B. Shoveling fuel for a runaway train: errant economists, shameful spenders, and a plan to stop them all. Ecology, 82(7)
- Farley, J. (2000) The Natural Wealth of Nations: Harnessing the Market for the Environment (Book Review). Ecological Economics, vol. 34, No. 4, July 2000.

Other publications

- Farley, J. (2008) Questions for Mankiw. Adbusters 16:2
- Costanza, R and J. Farley (2007) Need for a shared vision of a sustainable and desirable future. In Encyclopedia of Earth (peer reviewed). Available on-line at http://www.eoearth.org/article/Need_for_a_shared_vision_of_a_sustainable_and_desirable_future
- Farley, J. (2007) Evolution, Oil, Capitalism and the Commons. Available on-line at <http://onthecommons.org/node/1180>
- Farley, J. (2007) The Tragedy of the Non-commons. Available on-line at <http://onthecommons.org/node/1179>
- Farley, J. (2007) Economics of Information III: Consumption. Available on-line at <http://onthecommons.org/node/1175>
- Farley, J. (2007) The Economics of Information II: Production. Available on-line at <http://onthecommons.org/node/1174>
- Farley, J. (2007) The Economics of Information, Part I. Available on-line at <http://onthecommons.org/node/1168>
- Farley, J. (2007) Ecological Economics and the Commons: Converging Paradigms. Available on-line at <http://onthecommons.org/node/1167>
- Farley, J. (2006) O Ensino de Economia Ecológica nos EEUU: Status, obstáculos e perspectivas. Boletim do EcoEco, Setembro, 2006
- Janoo, A. C. Hauser, C. Scheidegger, C. Tribe (editor), J. Cracraft (Chairman), J. Farley, K. Kaechele, L. Salles and T. Younes (coordinators), with other authors. (2006) Biodiversity—the Megascience in Focus: Outcomes and Recommendations of the COP8 Associated Meeting, and a Statement of Principles by Brazilian Biodiversity Scientists. Rio de Janeiro, Museu Nacional.
- Farley, J. (2005) The Tragedy of the Non-commons. USSEE newsletter, summer, 2005.

Conference Proceedings (papers)

- Farley, J., A. Schmitt F., F. Francisco, and G. Alarcon (2010). Integrating Agroecology with Payments for Ecosystem Services in Santa Catarina's Atlantic Forest. ISEE 2010 conference, Advancing Sustainability in Time of Crisis. Oldenberg, Germany. August 22-25, 2010
- The Limits of Marginal Valuation in Complex Systems. Invited paper and presentation. Conservation Strategy Fund and Resources for the Future conference and workshop on Economics and the Conservation of Tropical Ecosystems, the Moore Foundation, San Francisco, CA January 2008.

Santa-Barbara, J., B. Czech, H. E. Daly, J. Farley, D. Malghan (2005) Sustainable Scale In Environmental Education: Three Rules, Two Perspectives, One Overriding Policy Objective, And Six Cultural Shifts. Electronic conference proceedings, Education for a sustainable Future, International Conference, Ahmedabad, India. January, 2005

Farley, J. and H. Daly (2001) The Failure of the Free-Market on a Full Planet. Fifth International Conference of the International Society for Ecological Economics (ISEE) Russian Chapter. "Ecological Economic Management and Planning in Regional and Urban Systems" Institute of Control Sciences, Russian Academy of Sciences, Moscow, Russia, September 26-29, 2001. Available on-line at http://www.ulb.ac.be/ceese/STAFF/safonov/ISEERC2001/Paper/Farley_Daly_paper.pdf

Conference proceedings (abstracts)

1. Schmitt F., A., J. Farley, F. Mauer, J. Alvez (presenter). (2010) Farmers' Perception about Ecosystems Services and Pasture Based Milk Production. Soil and Water Conservation Service USA 2010 conference. Ecosystem Services: Applications for Conservation Science, Policy, and Practice. St. Louis, Missouri. July 18-21, 2010
2. J. Farley, A. Schmitt F., J. Alvez (presenter). (2010) Payments for Ecosystem Services and Agroecology in Brazil's Subtropical Atlantic Forest. Soil and Water Conservation Service USA 2010 conference. Ecosystem Services: Applications for Conservation Science, Policy, and Practice. St. Louis, Missouri. July 18-21, 2010
3. Bauer, A. Schmitt, J. Epping, J. Farley. (2009) Produção de Leite na Grande Florianópolis: Percepção dos Agricultores Familiares sobre a Transição do 'Semi-confinamento Tradicional' para o Pastoreio Voisin (Dairy Production in Florianópolis: Farmers' Perceptions about the Transition from Conventional Dairy to Voisin Management intensive Grazing.) VI Congresso Brasileiro de Agroecologia; II Congresso Latino Americano de Agroecologia, Curitiba, PR, Brazil. November 9-12, 2009.
4. Maurer, F., Schmitt F., A., Farley, J., Alvez, J., Oldra, A., Francisco, F. (2009) Serviços Ambientais e a Produção de Leite sob Pastoreio Voisin na Agricultura Familiar: Ativos Ambientais que Devem ser Considerados (Environmental Services and Pasture Based Milk Production: Assets that Need Further Consideration). Congresso Brasileiro de Agroecologia; II Congresso Latino Americano de Agroecologia, Curitiba, PR, Brazil. November 9-12, 2009.
5. Back, F., Schmitt F., A., Alves, G., Felipe, F., Surdi, J. Busnardo, F., Farley, J. (2009) Programa de Fortalecimento da Agricultura Familiar através da Produção Ecológica inserida nos Processos de Recuperação Ambiental e Gestão da Paisagem. VI Congresso Brasileiro de Agroecologia; II Congresso Latino Americano de Agroecologia, Curitiba, PR, Brazil. November 9-12, 2009.
6. Farley, J. (2009) Energy, Economic Systems, Competition and Cooperation. US Society for Ecological Economics, Washington, DC. May, 2009
7. Maddison, J, J. Farley and D. Kirk. (2009) Revenue Generation and Distributional Impacts of The Vermont Common Assets Trust: The Case of Atmospheric Carbon Dioxide Absorption Capacity. US Society for Ecological Economics, Washington, DC. May, 2009
8. Farley, J. Vermont's Common Asset Trust: A Practical Application Of Georgist Ecological Economics. US Society for Ecological Economics, Washington, DC. May, 2009
9. Farley, J. (2009) Addressing The Financial Crisis: An Ecological Economics Approach. US Society for Ecological Economics, Washington, DC. May, 2009

10. Farley J. and D. Richards (presenter) (2008) The Valuation Solution. Society for Conservation Biology, Chatanooga, TN. July, 2008.
11. Farley, J. (2008) Climate change, peak oil and biodiversity loss: an alternative approach to assessing the costs and benefits of mitigation versus adaptation. 14th International Symposium on Society and Resource Management, Burlington, VT. June, 2008
12. Farley, J. (2008) Introduction to Ecological Economics and the Atelier Model in Ukraine, as part of a session on Sustainable Forestry in the Carpathian Ecoregion: Culture and Ecology in a Transition Economy 14th International Symposium on Society and Resource Management, Burlington, VT. June, 2008.
13. Farley, J. (2007) Three birds with one (photo) shot: the role of rent collection in creating a sustainable, just and efficient society. US Society for Ecological Economics, NY, NY. June, 2007
14. Farley, J. and E.M.G. Campos (2007) Scale, distribution and valuation: serious problems and potential solutions. US Society for Ecological Economics, NY, NY. June, 2007
15. Farley, J. (2007) Ecosystem services, information and the tragedy of the non-commons. US Society for Ecological Economics, NY, NY. June, 2007
16. Reynolds, T.W. , C. Huber, and J. Farley (2007) Investing in human and natural capital: An alternative paradigm for sustainable development in Awassa, Ethiopia. US Society for Ecological Economics, NY, NY. June, 2007
17. Kerchner, C. and J. Farley (2007) Payments for ecosystem services in a Dominican watershed: Are they enough to “tip the scale” toward forest conservation? US Society for Ecological Economics, NY, NY. June, 2007
18. Campos, E., J. Farley and P. Pereira (2006) Economic and socio-cultural value of ecotourism and recreational activities provided by Sao Jose Mountain ecosystem (Brazil). National Extension Tourism Conference, Burlington, VT. September, 2006.
19. Farley, J. and R. Costanza (2005) Complementary Currencies as a Method to Improve Local Sustainable Economic Welfare. Electronic conference proceedings, US Society for Ecological Economics, Tacoma, Washington. July, 2005
20. Murray, B., A. Azersky and J. Farley. (2005) Understanding and Solving the Tragedy of the Non-commons in Riparian zone management: the case of Lewis Creek, Vermont. Electronic conference proceedings, US Society for Ecological Economics, Tacoma, Washington. July, 2005
21. Farley, J. (2005) Ecological Economics 101. Electronic conference proceedings, US Society for Ecological Economics, Tacoma, Washington. July, 2005
22. Farley, J., D. Batker, and I. de la Torre (2005) Conserving Mangrove Ecosystems in the Philippines: transcending disciplinary, institutional and geographic borders. Electronic conference proceedings, US Society for Ecological Economics, Tacoma, Washington. July, 2005
23. Farley, J. and K. Vandis (2004) Policies towards a globally efficient allocation of ecosystem goods and services. Electronic conference proceedings, International Society for Ecological Economics, Montreal, Quebec. July 13, 2004
24. Erickson, J. and J. Farley (2004) Problem-Based Learning in Ecological Economics. Electronic conference proceedings, International Society for Ecological Economics, Montreal, Quebec. July 13, 2004
25. Farley, J. (2004) Towards a Just Distribution of the Returns from Capital. Electronic conference proceedings, International Society for Ecological Economics, Montreal, Quebec. July 13, 2004
26. Farley, J., H. Raatikainen and L. Spring (2004) Biotechnology, Patents and Efficiency: What Impact do Property Rights to DNA have on the Common Good? Electronic

- conference proceedings, International Society for Ecological Economics, Montreal, Quebec. July 12, 2004
27. Farley, J. (2003) The Status of Sustainability Science in Academia. Part of a symposium on Sustainability Science, At the Wildlife Society Annual Conference, Burlington, VT September 8, 2003
 28. Farley, J. (2003) Ecological Macro-Economics. United States Society for Ecological Economics Biennial conference, Saratoga Springs, NY. May 23, 2003
 29. Farley, J. (2003) Applied Problem-Solving Approaches to Education in Ecological Economics. United States Society for Ecological Economics Biennial conference, Saratoga Springs, NY. May 22, 2003
 30. Boumans, R., R. Costanza, M. Wilson and J. Farley (2003) Simulating Ecosystem Services within the Context of the Global Unified Meta Model of the Biosphere. United States Society for Ecological Economics Biennial conference, Saratoga Springs, NY. May, 2003
 31. Farley, J. (2000) Obstacles and incentives to socially rational investment in natural capital: The case of Riparian Rainforest restoration in the Atherton Tablelands, Queensland, Australia. ISEE biennial conference. ANU, July, 2000. Canberra, Australia.
 32. Farley, J. (2000) The Economics of Ecosystem Health from Rainforest to Reef: A Case Study of the Johnstone River Watershed, Queensland, Australia. International Society for Ecosystem Health conference, July, 2000. Brisbane, Australia.

D. Contracts and Grants

- Valuing rainforests as Global Eco-utilities: a novel mechanism to pay communities for regional scale tropical forest. UK National Environmental Research Council. 2009 (co-Investigator)
- Threats, Examples and Opportunities for the Sustainable Development of the Térraba-Sierpe Mangrove of Costa Rica. Blue Moon Foundation. 2008-2010 (co-PI) \$300,000
- Integrating Vermont's Common Assets Trust with Payments for Ecosystem Services. Hatch Award, Vermont Agricultural Experiment Station. 2007-2010 (PI) \$45,000, 0.3FTE plus assistantships
- ARIES (Assessment and Research Infrastructure for Ecosystem Services). NSF. (Lead Economist) 2007-2010. \$927,000
- Payment for Ecosystem Services (PES): An International Atelier Workshop. The Blue Moon Foundation. (Co-PI) 2006-2007 \$108,874
- Integrating Ecological Economics and Sustainable Forest Management into Ukraine's Transition Economy. The Trust for Mutual Understanding. 2006-2007 (Co-Investigator) \$28,000
- The Tragedy of the Non-commons in Vermont's Forests, Watersheds and Agriculture. Hatch Award, Vermont Agricultural Experiment Station. 2005-2008 (PI) 0.3FTE plus assistantships
- The Role of Ecological Economics and Sustainable Forestry Management in Ukraine's Transition Economy. The Trust for Mutual Understanding. 2005-2006 (PI) \$45,000
- Ethiopia Atelier Gift. To prepare for an atelier based in Awassa, Ethiopia in partnership with the Awassa Vocational Training and Debub Nigat Circus Center, the town of Awassa, FSF, and several European partners. Given to Gund Institute for Ecological Economics by the Foundation for a Sustainable Future, based in Huntington, VT 2005-2006 \$26,000
- A Study of the Relaunch of Burlington Bread: Measuring the Contribution of a Local Currency to Sustainable Community Development. URECA! 2004 (Faculty mentor) \$3,000

- Application of Interactive Integrated Assessment and Modeling to Design Sustainable Development Strategies for Arctic Watersheds. National Science Foundation. 2004-2005. (Co-PI). \$62,000
- Redefining “Productive”: Implications for Sustainable Forest Management. Northeastern States Research Cooperative. 2003-2006 (PI) \$100,000
- Policies Towards a More Productive Use of the Northern Forest. Hatch Award, Vermont Agricultural Experiment Station. 2003-2004 (PI) \$9,982. 0.3 FTE plus assistantships
- Applying Spatially Explicit Dynamic Landscape Modeling to Forest Watershed Planning and Adaptive Management in the Northern Forest. Northeastern States Research Cooperative. 2003-2006 (Co-Investigator) \$135,000
- Vermont Food, Farms and Schools Service Learning Project. UVM Instructional Incentive Grant. 2003-2004 (Co-Investigator) \$7500
- Funding for textbook, Ecological Economics: Principles and Applications. Santa Barbara Family Foundation. 2001-2003 (Co-PI with Herman Daly). \$100,000
- ‘Atelier’ Workshop/Field-Courses in Ecological Economics. John D. and Catherine T. MacArthur Foundation, 2000-2003. (Co-PI with Robert Costanza) \$235,000
- Application of Interactive Integrated Assessment and Modeling to Design Sustainable Development Strategies for Arctic Watersheds. National Science Foundation. 2001-2002. (Co-Investigator). \$30,000
- Envisioning a Sustainable and Desirable America. Environmental Protection Agency, 2001. (Co-Investigator) \$20,000
- Riparian Reforestation of Stewart’s Gully in Yungaburra, Far North Queensland, Australia. Natural Heritage Trust, 1999-2001. (Awarded to Eastern Tinaroo Catchment Land Care Group) A\$12,000

IV. TEACHING AND TRAINING

A. Courses taught

University of Vermont

- Institutional Roadblocks to Sustainability. CDAE 296; NR 385
- Ecological Economics and Sustainable Forest Management. Field component in Transcarpathia, Ukraine. CDAE 296
- Sustainable Business, CE summer course
- Payments for Ecosystem Services: From the local to the Global. Field component in Costa Rica. CDAE 296
- Community and International Development: Green Awassa: Investing in Human and Natural Capital in Ethiopia. Field component in Ethiopia. CDAE 296.
- Introduction to Public Policy, PA 306
- Ecological Economics, CDAE 395
- Public Budgeting and Finance, PA 305
- Complementary Currencies and Community Development, CDAE 295
- Teaching Community Development, CDAE 291
- Economics of Sustainability, CDAE 237
- Sustainable Development in Small Island States: St. Lucia CDAE 195
- Sustainable Community Development, CDAE 102
- Agricultural, Resource and Community Development Economics, CDAE 61
- The Impact of Industrial Shrimp Aquaculture on Mangrove Ecosystems, Fisheries and Local Communities, CDAE 291. Field component in Palawan, the Philippines.

Universidade Federal de Bahia, Salvador, Brazil

Economia Ecológica. Graduate program in Geology. Universidade Federal da Bahia, Institute for Geosciences, Department of Geology and Applied Geophysics. July, 2010

Short course. Economia Ecológica: Conceitos e Aplicações. Universidade Federal da Bahia, Institute for Geosciences, Department of Geology and Applied Geophysics. July, 2010

Universidade Federal de Santa Catarina, Florianópolis, Brazil

Economia Ecológica (with Dr. Lauro Mattei), Centro Socioeconômico, CNM 7238, Departamento De Ciências Econômicas, Spring, 2010

Economia Ecológica e Agroecologia (with Dr. Abdon Schmitt), Graduate Program in Agroecosystems, PGA4100-03, DZDR, Fall, 2009

Universidade Federal de São João del Rey

Mini-course A Economia como Ciência Ética: o papel da biofísica e natureza humana no desenho das instituições econômicas. October, 2009

University of the West Indies, Cave Hill, Barbados

Natural Resource and Environmental Economics, NRM 620, Spring 2002 and 2003

University of Maryland

Designed and organized two team-taught graduate atelier field courses:

Restoration of Brazil's Atlantic Forest as a Watershed Management Tool. January, 2002

Sustainable Tourism in Small Islands of the Caribbean: Lessons from Dominica. June 2001

School for Field Studies Centre for Rainforest Studies

Directed Research (6 semesters)

Environmental Policy and Socio-economic Values (6 semesters)

Tropical Reforestation (6 semesters, team-taught)

B. Guest Lectures

- Economia Ecológica e Agroecologia (UFSC, Foragem Cultura, Abdon Schmitt Filho) Spring, 2010
- Economia Ecológica e Pagamentos para Serviços Ecossistêmicos (UNISUL, Paola Rebolgar) Fall, 2009
- Aplicações da Economia Ecológica: Pagamentos para Serviços Ecossistêmicos (UFSC, Desenvolvimento Rural Sustentável, Paola Rebolgar) Fall, 2009
- Pagamentos para Serviços Ecossistêmicos: Sustentabilidade, Justiça e Eficiência (UFSC, Agroecologia, Clarilton Ribas), Fall, 2009
- Ecological Economics (University of Wisconsin, Biology and Society. Pawley)
- An Introduction to Ecological Economics (ENVS 002, Kaza)
- NAFTA (Practical Spanish, Fossani)
- Globalization and Trade (CDAE 195, Flomenhoft)
- An Introduction to Ecological Economics and Problem Based Learning. NR 385: Ecological Economics. Fall, 2006

- Envisioning Sustainable and Desirable Communities. CDAE 102, Sustainable Community Development. University of Vermont, Spring, 2006
- Applied Ecological Economics. Economics 101, St. Martins University, Spring 2006
- A Brief Overview of Ecological Economics. Economics 101, St. Martins University, Spring 2006
- The Ecological Economics of Nickel Mining. CDAE 292: Graduate Seminar. Fall, 2005
- Ecological Economics 101. Vergennes High School, Fall, 2005
- Ethnobotany, the Tragedy of the Commons and the Tragedy of the Non-commons, Fall, 2005.
- Community Development as Capital Investments: A Case Study from the Philippines. CDAE 218: Community Leadership, Organization and Institutional Development, University of Vermont, Spring 2005.
- The Resources of Nature and the Nature of Resources. NR 185, CDAE 195, BSAD 095, ENV5 195, EC 095: Introduction to Ecological Economics. University of Vermont, 2003
- Envisioning a Sustainable and Desirable America. CDAE 102: Sustainable Community Development. University of Vermont, 2002
- A Historia da Intervencao Estadounidense na America Latina. Universidade Federal Rural de Pernambuco, 1994.

C. Teaching and Advising Awards, Honors and Grants

- Bernardo Aguilar Award to honor the most outstanding teacher in the field of ecological economics, awarded by the student members of the USSEE, 2007
- Chosen as Service Learning Fellow, January, 2007
- Mini-grant in Service Learning, UVM, for the Green Awassa Atelier, 2006 \$ 700
- Two awards in recognition of valuable contributions to the students of UVM (Class of 2006)
- Awarded 7 service learning TAs through the CUPS program
- Nominated twice for the Kroepsh-Maurice Excellence in Teaching Award, UVM
- Mini-grant in Service Learning, UVM , to develop a local service learning project for CDAE 237: The Economics of Sustainability, 2004-2005 \$ 600
- Nominated for the Outstanding Service-learning Faculty award, University of Vermont

D. Graduate Student Committee Membership (*advisor)

Current:

Juan Pablo Alvez	PhD	Rubenstein School of the Environment and Natural Resources, UVM
Luz Martinez	PhD	Rubenstein School of the Environment and Natural Resources, UVM
Helena Vladich	PhD	Rubenstein School of the Environment and Natural Resources, UVM
Brian Kelly*	MS	Community Development and Applied Economics, UVM
Ashley Sewell*	MS	Community Development and Applied Economics, UVM
Colin McClung*	MPA	Public Administration, CDAE, UVM
Kevin Stapleton*	MS	Community Development and Applied Economics, UVM
Patrick Wood*	MS	Community Development and Applied Economics, UVM
John Woodward*	MS	Community Development and Applied Economics, UVM

Completed:

Daniel C. Andrade	PhD	Instituto de Economia, UNICAMP
Carlos Lessa Brandao	PhD	História das Ciências e das Técnicas e Epistemologia, UFRJ

Bryan Foster	PhD	Rubenstein School of the Environment and Natural Resources, UVM
Eisenhower Douglass*	PhD	Economics, University of the West Indies, Cave Hill, Barbados
Brendan Fisher	PhD	Rubenstein School of the Environment and Natural Resources, UVM
Nathan Hagens	PhD	Rubenstein School of the Environment and Natural Resources, UVM
Ida Kubiszewski	PhD	Rubenstein School of the Environment and Natural Resources, UVM
Deepak Malghan	PhD	School of Public Policy, University of Maryland
Trista Patterson	Ph.D.	Marine, Estuarine and Ecological Science, UMD College Park.
Rosimeiry Portela	Ph.D.	Marine, Estuarine and Ecological Science, UMD College Park.
Agata Czerminska	MS	Rubenstein School of the Environment and Natural Resources, UVM
Jimena Haza	MS	Rubenstein School of the Environment and Natural Resources, UVM
Carmen Jaquez	MS	Community Development and Applied Economics, UVM
Dan Kirk*	MS	Community Development and Applied Economics, UVM
Stephen Posner	MA	Rubenstein School of the Environment and Natural Resources, UVM
David Propen*	MS	Community Development and Applied Economics, UVM
Amanda Richardson*	MS	Community Development and Applied Economics, UVM
Luz Martinez	MS	Rubenstein School of the Environment and Natural Resources, UVM
Robin Kemkes*	MS	Community Development and Applied Economics, UVM
Mark Gately*	MS	Community Development and Applied Economics, UVM
Juan Barraza Gomez	MS	Community Development and Applied Economics, UVM
Candice Barrow	MS	Natural Resource Management, UWI, Cave Hill, Barbados
Matias Chiota	MS	Community Development and Applied Economics, UVM
Keri Davis	MS	Rubenstein School of the Environment and Natural Resources, UVM
Karen Fligger	MS	Rubenstein School of the Environment and Natural Resources, UVM
Kate Forrer	MS	Rubenstein School of the Environment and Natural Resources, UVM
Charles Kerchner	MS	Community Development and Applied Economics, UVM
Jessica Massanari*	MS	Community Development and Applied Economics, UVM
Stephanie Morse	MS	Rubenstein School of the Environment and Natural Resources, UVM
Rebecca Rockefeller	MS	Rubenstein School of the Environment and Natural Resources, UVM
Jaime San Roman	MS	Rubenstein School of the Environment and Natural Resources, UVM

V. OTHER PROFESSIONAL ACTIVITIES

A. Professional and Academic Societies

International Society for Ecological Economics
 United States Society for Ecological Economics
 American Society for Public Administration
 Mortar Board Society

B. Awards and honors:

Fulbright Fellow, Fall 2009, Santa Catarina, Brazil
 Selected for an Honors College Faculty Seminar on Quality of Life, August, 2005
 A.D. White Fellowship, Cornell University, 1990, 1991, 1993
 S.S.R.C. International Pre-dissertation Fellowship Program, Brazil, 1991, 1992
 Foreign Language and Area Studies Fellowship, Portuguese, 1989-1990;
 Herbert H. Lehman Fellowship, 1988-1990;
 Dean's Fellow, Columbia University, 1988-1989.

C. Conference organization

- Organized a symposium Celebrating Herman Daly's Contributions to Ecological Economics. US Society for Ecological Economics, Washington, DC. May, 2009
- Organized a three part symposium on Ecological Economics with a Georgist Flavor United States Society for Ecological Economics Biennial conference, NY, NY. June 2007
- United States Society for Ecological Economics Biennial conference, Tacoma, WA. Program committee, abstracts committee.
- Sustainable Communities Conference, Burlington, VT. July 14-18, 2004. Planning committee.
- United States Society for Ecological Economics Biennial conference, Saratoga Springs, NY. May 22-24, 2003 program committee
- Envisioning a Sustainable and Desirable America, Oberlin University, Oberlin, Ohio. January 8, 2001. Organized conference, co-authored web page (<http://www.uvm.edu/giee/ESDA/>).

D. Published/Televised Interviews and Coverage

- Servicios Ecosistémicos y la Minería. Interviewed by Willy. Radio Intag, Nangulvi, Ecuador. May 12, 2010.
- The End of Poverty? A movie by Cinema Libre. (Originally presented at Cannes, 2008, but released in US Cinemas in 2009 and on DVD in 2010). Interviewed by Philippe Diaz
- Rock Steady: Moving Toward a Steady-State Economy. Interviewed by Susan Arterian Chang. The Investment Professional. October 9, 2009
- A Economia Vai Mudar. Interviewed by Andreia Fanzeres. O Eco. Online at <http://www.oeco.com.br/reportagens/37-reportagens/22266-a-economia-vai-mudar>. August, 2009
- August 07, 2009. Consume like it's 1969. By Tim Johnson, Burlington Free Press. Front page. July 28th, 2008.
- The Revolution Will Begin with a Textbook. An article discussing the Daly and Farley textbook by Tom Green. Adbusters, July, 2007
- At Issue with Ben Merens, Wisconsin Public Radio. Available on-line at <http://www.wpr.org/merens/> 5:00-6:00 PM, Jun 4, 2007
- Ecological Economy Will Be Forum Topic. by Anita Weier. The Capital Times. Thursday, April 12, 2007
- Gary Null's Natural Living. WPFW-FM (89.3) Economic Growth and Ecological Degradation. Washington, D.C. 12:30-1:00 PM, March 23, 2007
- Adbusters. Economists get Stern Warning. Interviewed in March 2007 issue.
- Gary Null's Natural Living. Investing in Human and Natural Capital. Interviewed by Gary Null. WPFW-FM (89.3) Washington, D.C. 3:00-4:00 PM, July 10, 2006
- Adbusters. Why are Students Leaving Politics out of Economics? Interviewed in June 2006 issue.
- Gary Null's Natural Living. Economics and Community. Interviewed by Gary Null. WPFW-FM (89.3) Washington, D.C. 3:00-4:00 PM, April 25, 2006
- What's On-Line? quoted in article by Dan Mitchell, New York Times. March 4, 2006. Technology section.
- Joshua Farley, Ecological Economist. WorldChanging Interviews. Interviewed by Hassan Masum. Available on-line at <http://www.worldchanging.com/archives/004143.html>. February, 2006

- Economia em mutação. O Eco (Electronic Brazilian periodical on the environment). Interviewed in Portuguese by Carolina Elia, Available on-line at [http:// www.oeco.com.br](http://www.oeco.com.br). November 26, 2005
- Gary Null's Natural Living. Federal Reserve Policy. Interviewed by Gary Null. WPFW-FM (89.3) Washington, D.C. 3:00-4:00 PM, October 3, 2005
- Gary Null's Natural Living. Ecological Economics and Katrina. Interviewed by Gary Null. WPFW-FM (89.3) Washington, D.C. 3:00-4:00 PM, September 26, 2005.
- Gary Null's Natural Living. Ecological Economics and the War in Iraq. Interviewed by Gary Null WWRL-AM (1600), New York City. 1:20-1:50 PM, September 26, 2005
- Think Global, Eat Local: Sustainable Food. Earth Engine. Available on-line at <http://www.earthengine.net/EE/>
- Yeast of Eden. (Story and interview by Bill Mckibben). Seven Days. June 8, 2005
- On the Waterfront with Melinda, Vermont Public Television. Interviewed by Melinda Moulton on the Burlington Currency Project. April 14th, 2005
- Josh Farley fuses economics with the laws of nature and gives the market an environmental edge, a section in the cover story Revolutionary Minds: 18 iconoclasts and icons who are redefining science (interviewed by Daniel Porras). Seed Magazine, Fall 2004, p. 72.
- Moving Beyond Autistic Economics. The Vermont Cynic (interviewed by Nicholas Rahaim) September 28, 2004 (<http://www.vermontcynic.com/news/2004/09/28/News/Moving.Beyond.Autistic.Economics-734507.shtml>)
- Economists Lead the Change. Adbusters Magazine. No Future, #55 Sept/Oct 2004. (<http://www.adbusters.org/metas/eco/truecosteconomics/economists.html>)
- Economics for a small planet: New text takes on a different set of questions. The Vermont Quarterly. Summer, 2004 (<http://www.uvm.edu/~uvmpr/vq/vqsummer04/news.html>)
- Textbook Extends Economics. By Kevin Foley. The View, Jan. 28-Feb. 3, 2004
- The Skeptical Economist: Rewriting the Book on Economics. Grist Magazine (interviewed by Lissa Harris) April 9, 2003 (<http://www.gristmagazine.com/maindish/harris040903.asp>)
- Dramatic Gund Workshop Explores Mangrove Ecosystem. The View (interviewed by Kevin Foley) February 5, 2003 <http://www.uvm.edu/theview/article.php?id=688>
- Bound for New Shores. The Vermont Quarterly. Spring, 2002.

E. Presentations

Peer Reviewed Conference Presentations (without published abstracts)

- The Role of Parks in the Ecological Economy. George Wright Society Conference, Philadelphia, PA March 14, 2005.
- Ecosystem Services, Information, and the Tragedy of the Non-commons. Eastern Economics Association Conference, New York, NY March 6, 2005.
- Redefining "Productive": Implications for Sustainable Forestry Management. Northeastern States Research Cooperative Conference, Burlington, VT. November 13, 2003
- Applications of Ecological Economics: Reforestation on the Atherton Tablelands in the Global Context. Lecture/workshop presented at the University of Wisconsin A.E. Havens Radfest '99. May, 1999. Wisconsin Dells, Wisconsin.
- An Ecological-Economic Comparison of Mono-crop Plantations vs. Timber Production from Maximum Diversity Plantings on the Atherton Tablelands. Poster presented at the International Conference on Indicators for Sustainable Forest Management. August 1998, Melbourne, Australia

Keynote and Plenary Addresses

1. Restorative Economics for a Post Carbon Planet. Presented at The Land Institute's Prairie Fest. September 25, 2010. Salina, Kansas.

2. Enfrentando a Crise Econômica: uma perspectiva econômica-ecológica. Opening presentation for the Ecological Economics week at the Universidade Federal de São João del Rey. October 21, 2009. Minas Gerais, Brazil.
3. Pagamentos para Serviços Ecosistêmicos: Sustentabilidade, Justiça e Eficiência. Plenary address, Seminário Estadual sobre Pagamentos por Serviços Ambientais. August 18, 2009. Joinville, Santa Catarina, Brazil.
4. Serviços Macrossistêmicos, escala sustentável, e escala desejável na Amazônia brasileira. Plenary address, the 8th Biennial Conference of the Sociedade Brasileira de Economia Ecológica, Cuiaba, Mato Grosso, Brazil. August 5, 2009
5. Crise Ecológica-Econômica Global, Modelos de Desenvolvimento Econômico e BRICs Plenary address, the 8th Biennial Conference of the Sociedade Brasileira de Economia Ecológica, Cuiaba, Mato Grosso, Brazil. August 5, 2009.
6. Allocating the Essential: Is Free Trade Compatible with Sustainable Agriculture? Plenary address at the Jno. E. Owens Conference: Agricultural Sustainability and Food Safety: Issues for Free Global Trade. March 4, 2009. Austin College, Sherman, TX
7. Agriculture, Ecosystem Services, and Market Forces: Towards a Globally Sustainable Economic System. Plenary luncheon address at the Jno. E. Owens Conference: Agricultural Sustainability and Food Safety: Issues for Free Global Trade. March 4, 2009. Austin College, Sherman, TX
8. Energy Technology. Plenary Address. Plenary at Planet 2050—Alternative paths to a desirable future in a changing world. Scientific Meeting in Lund/Malmö, Sweden. October 27-31
9. Environmental Valuation and its Applications. Plenary address at IX National Symposium on Brazilian Savannas and II International Symposium on Brazilian Savannas. Brasilia DF, Brazil. October 15, 2008.
10. Beyond Capitalism: Adapting to the New Scarcities. Plenary address at International Forum on Globalization workshop: Is Capitalism Soon Over? San Francisco, CA. October 6-8, 2008.
11. Confronting the Triple Crisis: Redefining What is Possible and What is Desirable. Keynote address at the Vermont Businesses for Social Responsibility Greening up the the Bottom Line conference. Burlington, VT. September 29, 2008.
12. Confronting the Triple Crisis: Economics for the Public Good. 11th International Winelands Conference: Sustainable Futures - What's Left? What's Right? What's Next? Spier Wine Estate, Western Cape, South Africa. 16 April 2008
13. Ecological Economics, Sustainable Forest Management and Scientific Ateliers. Plenary address, Opening session of atelier on Ecological Economics and Sustainable Forest Management in the Ukrainian Carpathians. Lviv, Ukraine. September 24, 2007
14. Confronting the Triple Crisis: Economics for a Sustainable, Just and Desirable Future. Plenary address at the International Forum on Globalization's teach-in on Confronting the Triple Crisis: Climate Chaos, Peak Oil, and Global Resource Depletion. Washington, DC. September 15, 2007
15. Seeing the Forests and the Trees: Insights into the Allocation of Forest Resources. Opening Keynote address at the New England Society of American Foresters annual conference, Fairlee, VT. March 21, 2007
16. Payments for Ecosystem Services: towards a more sustainable, just and efficient allocation of natural capital. Plenary presented the conference: Payments for Ecosystem Services: From Local to Global. Heredia, Costa Rica. March 9, 2007.
17. Towards an Economics of Sustainability: The Efficient Allocation of Energy, Information and Ecosystem Services. Plenary presentation at the Trans-Atlantic Research

- & Development Interchange on Sustainability (TARDIS 2006 – A Scientific Workshop). Estes Park, Colorado, U.S.A. September 11- 13, 2006.
18. Information, Ecosystem Services and the Tragedy of the Non-commons. Plenary luncheon address, international Ecological Modeling Society. Burlington, Vermont. July 9, 2006
 19. Beyond Sacrifice: Ecological Economics in a Post Peak-Oil World. Keynote presentation, Hobart William Smith Day, Hobart and William Smith Colleges, Geneva, NY. April 18, 2006
 20. On the Efficient Allocation of Ecosystem Services. Plenary presentation for the COP8 Associated Meeting: Biodiversity—The Megascience in Focus. Curitiba, Parana, Brazil. March 15-19, 2006
 21. Insights into the Equitable Financing of Watershed Projects. Plenary presentation at the EPA roundtable on Watershed Finance, Washington, DC. March 9, 2006
 22. Serviços Ecosistêmicos, Informação e a Tragédia dos Não-comuns. Keynote address to the 6th Biennial Conference of the Sociedade Brasileira de Economia Ecológica, Brasília, Brazil. November 24, 2005.
 23. Defining and Measuring Natural Capital Stocks and Flows. Plenary Address the Symposium on Restoring Natural Capital, Missouri Botanical Gardens, St. Louis, Missouri. November 1, 2005
 24. In Pursuit of Common Ground: Operationalizing Scale. Plenary Address at the CANSEE 2005 Biennial Conference Windows of Opportunities: How Ecological Economics is contributing to building a sustainable world. York University, Toronto, Canada. October 28, 2005
 25. Capitalism vs. Socialism: Ideology or Objective Science? Keynote Address. US Society for Ecological Economics Biennial Conference, Tacoma, WA. July 20th, 2005.
 26. The Tragedy of the Non-Commons: When the Sustainable, Just and Efficient Allocation of Resources Demands Community Ownership. Keynote speech, 15th Annual Rachel Carson Forum. The Evergreen State College, Olympia, Washington. May 11, 2005.
 27. Does Globalization Increase our Economic Freedom? Plenary address, 34 Annual Frank Church Symposium on International Affairs. Idaho State University, Pocatello, Idaho. March 3, 2005.
 28. Conservation through the Economics Lens. Presentation and moderator of economics session at a conference on Conservation Without Borders: The Impact of Conservation on Human Communities. Hosted by The Center for Tropical Ecology and Conservation and Antioch New England Graduate School, Keene, New Hampshire. October 9, 2004
 29. Beyond the Economics of Fish and Timber: Ecosystem Services, Information, and the Tragedy of the Non-commons. Keynote Address, Pacific Northwest Regional Economists Conference, May 19, 2004
 30. Economy and Environment. Keynote Address, conference on Economic Instruments for Environmental Management, sponsored by the Ministry of Public Utilities and the Environment, Trinidad, University of the West Indies, Trinidad and the United Nations Development Programme. October 22-23, 2003.
 31. Quality of Life and the Distribution of Wealth and Resources. Plenary address at Ecosummit 2000: Understanding and Solving Environmental Problems in the 21st Century. June, 2000. Halifax, Nova Scotia

Other Invited Presentations

Iniquidades e possibilidades: uma perspectiva ecológica econômica. Roundtable presentation for Oikos, Mestre Ataíde, os traços e as cores do nosso tempo. Winter Festival, Federal University of Ouro Preto, Minas Gerais, Brazil. July 13, 2010

- Economia Ecológica. Roundtable presentation for Mestre Ataíde: A obra, o impacto e a vida construída: economia ambiental, economia ecológica e impactos. Winter Festival, Federal University of Ouro Preto, Minas Gerais, Brazil. July 13, 2010
- Economía del Cobre. Presentation at the Intercambio de Saberes: La economía ecológica de Intag. Nangulvi, Intag Region, Ecuador. May 10, 2010
- Introducción a la Economía Ecológica. Presentation at the Intercambio de Saberes: La economía ecológica de Intag. Nangulvi, Intag Region, Ecuador. May 11, 2010
- Economia dos Serviços Ecológicos. Seminário Internacional sobre Reservas da Biosfera, Serviços Ambientais e Indicadores de Sustentabilidade. April 14-19, 2010. Ouro Preto, Minas Gerais, Brazil
- Economia para uma Planeta Finita: Economia Ecológica. Seminar in the Fundação Joaquim Nabuco, Recife, Pernambuco, Brazil. February 9, 2010
- Economia dos Serviços Ecológicos. Semana da Agronomia da UFSC. October 13, 2009. Florianópolis, Santa Catarina, Brazil
- Adaptando Instrumentos Econômicos às Necessidades Ecológicas: Mercados na Biodiversidade? Conference on Protected Areas. September 21, 2009. Curitiba, Parana, Brazil
- Pagamentos para Serviços Ecológicos: Sustentabilidade, Justiça e Eficiência. Presentation at the workshop Compartilhando Conhecimentos e Experiências em Pagamentos por Serviços Ambientais. September 17-18, 2009. Manaus, Brazil
- Conservation & Economic Growth: Toward a Genuine Balance. Baraboo Conservation Society, April 14, 2009. Baraboo, WI
- Ecosystem Services, Information, and the Tragedy of the Non-commons. Texas A&M. April, 2009. College Station, TX
- Natural Capital: An introduction to Ecological Economics. CB Richard Ellis Green Knight Meeting. Dallas, TX. March 20, 2008.
- Envisioning a Sustainable and Desirable Future. Seattle Biotech Legacy Foundation 2008 Lectures Series, organized by The Institute for Children's Environmental Health (ICEH): Seeking Solutions: Connecting Economics with Health and Environment. April 30, 2008.
- Confronting Crisis: Economics for a Sustainable, Just and Desirable Future. Open House at the Rachel Carson home. Silver Springs, MD. April 26, 2008.
- The Economics of Ecosystem Services, presented to the Vermont Department of Environmental Conservation. Waterbury, VT March 19, 2008
- Carbon Markets Panel, Presentation at Focus the Nation Forum, UVM, January 28, 2008
- Climate Change, Peak oil and Biodiversity Loss: Why Scientists are Terrified and Economists Complacent. Smith College, October, 2007
- Confronting the Triple Crisis: Economics for a Sustainable, Just and Desirable Future. Plenary address at the International Forum on Globalization's teach-in on Confronting the Triple Crisis: Climate Chaos, Peak Oil, and Global Resource Depletion. Washington, DC. September 15, 2007
- Natural Capital. Eco-innovation, Allied Waste, Sustainability Forum. Scottsdale, Arizona. June 13, 2007
- Sustainability, Justice and Efficiency in Agriculture: Industrial vs. Local Production. Going Local Colloquium. University of Vermont, April 19, 2007
- Global Warming and Economic Growth. StepItUp rally, Madison, WI April 14, 2007.

- Beyond Economic Growth. The Madison Institute, Public Forum Event. Available online at <http://www.themadisoninstitute.org/>. April 14, 2007
- The Stern Report: Economics of Global Warming, Strengths & Weaknesses. State Historical Society Auditorium, Madison, WI April 13, 2007
- Green Taxes: A practical step towards a more sustainable, just and efficient economy. Williams College, Williamstown, MS. January 18, 2007
- Ecosystem Services: What are they, Why Salisbury needs them, and How to preserve them. The Economic Perspective . Salisbury Conservation Commission. Salisbury, VT. November 16, 2006
- The Ecological Economics of the Amazon Rainforest: Why Should We Care, What Should We Do? Fleming Museum, University of Vermont. Oct. 25, 2006
- Towards a Sustainable, Just and Efficient Economy in a Post Peak-Oil World. Presented as part of the workshop At the End of the Era of Cheap Energy: Strategies and Opportunities for Economic Transformation, organized by the International Forum on Globalization. San Francisco, CA. October 13-15, 2006.
- Lecture series at the National Forestry University of the Ukraine, Lviv. May 21-26, 2006:
1. An Introduction to ecological economics
 2. The economics of ecosystem services
 3. Ecological Economics and Policy
 4. Defining and measuring natural capital
 5. Economic globalization: Is free trade fair?
- Ecological Economics 101. Presented to the Addison County Planning Commission. May 10, 2006. Goshen, VT
- Beyond Sacrifice: The Relationship between Sustainability and Quality of Life. Earth Week presentation, St. Michael's College, Essex, VT April 20, 2006
- The Tragedy of the Non-Commons. Rensselaer Polytechnic Institute. Troy, NY. April 10, 2006
- Globalization and Environmental Justice. Questioning the Role of Multinational Corporations. Panel discussion sponsored by the Rubenstein School diversity task force. University of Vermont. March 13, 2006
- Beyond Sacrifice: The Relationship between Sustainability and Quality of Life. Presentation for a seminar on Beyond Environmentalism: Envisioning a Sustainable and Desirable Future. University of Vermont, Burlington, VT. January 26, 2006
- Ecological Economics, Katrina and Policy Windows. St. Martin's University, Lacey, WA. October 6, 2005
- A Brief Introduction to Ecological Economics. Evergreen State University, Olympia, WA. May 11, 2005
- The Social and Ecological Costs of Growth: How the Overdeveloped Countries are Sacrificing their Well-being on the Altar of Market Consumption. Earth Week Teach-in, sponsored by the Earth Week Planning Committee. University of Vermont, Burlington. April 18, 2005.
- “Just Trade?” - Is there such a thing as Economic Justice? A debate sponsored by Students for Peace and Global Justice. University of Vermont, Burlington. April 11, 2005.
- The Economics of Shrimp: Why Economists Should Study Ecology. Manhattanville College, White Plains, New York. March 14, 2005.
- U.S. Consumerism: Your impact on the Global Economy. Panel discussion at the 34th Annual Frank Church Symposium on International Affairs, Idaho State University, Pocatello, Idaho. March 4, 2005.

- The Cause and Effects of Corporate Expansion into Foreign Markets. Panel discussion at the 34th Annual Frank Church Symposium on International Affairs, Idaho State University, Pocatello, Idaho. March 3, 2005.
- Ecological Economics, Introduction and Applications: a Case Study of Mangrove Ecosystems, Shrimp Aquaculture, and Community Empowerment. Grinnell College, Grinnell, IA. February 26, 2005
- Trade: How Fair is Free? Town Hall style discussion organized by the Students for Peace and Social Justice and the Economics Club, UVM, Burlington, VT October 26, 2004
- Politics, Economics and the Environment. Presentation at the Bennington College Social Sciences Colloquium. Bennington College, Bennington, VT October 18, 2004
- The Economics of Ecosystem Health. Washington State Department of Ecology, Olympia, Washington. May 21, 2004
- Sustainable Growth: Oxymoron or Desirable End? sponsored by GreenLaw, University of Washington Law School, Seattle, Washington. May 20, 2004
- Ecological Economics, Theory and Applications. Evergreen State University, Olympia, Washington. May 20, 2004
- Sustainable Economies, Energy, and the 'Triple Bottom Line'. Legislative Brief, & Panel Discussion: Renewable Energy and Sustainable Economies, sponsored by the Vermont Environmental Consortium and Norwich University, Montpelier, Vermont. Tuesday, March 16, 2004
- The Limitations of Monetary Valuation. First multi-logue, Gund Institute for Ecological Economics, UVM. February 21, 2004.
- Ecological Economics Applied. Lehigh University Environmental Seminar Series. November 6, 2003
- Eco-debate: Ecology and Recycling. International Student Week, Ilmenau. Ilmenau, Thuringia, Germany. May 13, 2003
- Why do We Need an Ecological Economy? International Student Week, Ilmenau. Ilmenau, Thuringia, Germany. May 12, 2003
- The Allocation of Ecosystem Services. University of Vermont, Department of Community Development and Applied Economics, job interview seminar. March 10, 2003
- 'Optimal' Deforestation in the Brazilian Amazon: local, national and international perspectives. University of Vermont, Department of Economics, job interview seminar. February 18, 2003
- The Ecological Economics of Reforestation in Brazil's Atlantic Forest. University of California, Santa Cruz, Environmental Studies Seminar. February 10, 2003
- Towards a Just Distribution of Resources. Seminar Series in Ecological Economics, School for Natural Resources, University of Vermont. February 6, 2003
- Skillshare in Ecological Economics for the Philippines Rural Reconstruction Movement (PRRM). PRRM headquarters, Quezon City, Philippines. January 20, 2003
- Scale and Public Goods. Ecological Economics Seminar: University of Vermont Department of Economics. November 6, 2002
- The relationship of the national and regional economy to environmental stewardship, as part of the Department of Environmental Conservation Day, 2002. State Capitol Building, Montpelier, Vermont. September 19, 2002
- Strong Sustainability, in a debate on strong vs. weak sustainability Presented at GriStuF, the Greiswald International Student Festival, The University of Greiswald, Greiswald, Germany. June 4, 2002

- Economics of Rainforests and Rainforest Restoration: The allocation and provision of ecosystem services. Presented at GriStuF, the Greiswald International Student Festival, The University of Greiswald, Greiswald, Germany. June 3, 2002.
- Genetic Engineering: How does it Affect the Home Gardener? Presented at the University of Maryland Master Gardener Advanced Training Day. College Park, Maryland. May 31, 2002
- Towards a Just, Sustainable and Desirable Future: Ecological Economics in Theory and Practice. University of Vermont School of Natural Resources. March 25, 2002.
- Ecological Economics, Quality of Life and Macroeconomic Policy. Guest lecture, University of Maryland Ecological Economics Seminar, March 8, 2002, College Park.
- Biotechnology, Gardening and the Market Economy. Presented at the University of Maryland Master Gardener Advanced Training Day. College Park, Maryland. May 31, 2001
- Trade, International Development and Sustainability: Lecture delivered by Interactive Video Network to universities in China, Vietnam and Thailand as part of the World Bank Distance Learning Course on Environmental Compliance and Enforcement. December, 2000
- A Guide to Critiquing Economic Analysis. Presented at the Skillshare/Training on Ecological Economics and Ecosystem Health as Applied to International Finance and Trade, September 15, 2000. Institute for Policy Studies, Washington, DC.
- Economics, Evolution, Ecology: Does the Free Market have a Niche? University of Maryland Ecological Economics Seminar, September 8, 2000, College Park.
- Model for the Design and Delivery of a Masters of Science in Environmental and Natural Resource Management: Training Practitioners. Presented at the Review Workshop for the Proposed University of the West Indies M.Sc. in Tropical Environmental Management, May 11-13, 2000 Antigua, WI.
- The World Trade Organization— Inefficient, Unfair, and Anti-democratic: An economist's viewpoint. APEX (Asia Pacific Environmental Exchange) Press conference delivered during the 1999 Seattle World Trade Organization Protests. November, 1999. Seattle, Washington (Available on line: <http://www.wtowatch.org/media>)
- Ecological Limits and the Free Market Economy: Speech delivered at the Marian Miner Cook Athenaeum at Claremont McKenna College, as part of the Robert's Environmental Center series on Environmental Activism. October, 1999. Los Angeles, California

F. Invited Participation in Workshops, Symposia and Roundtables

- Intercambio de Saberes: La economía ecológica de Intag. Nangulvi, Intag Region, Ecuador. May 10-11, 2001
- The Planet 2050 - Alternative paths to a desirable future in a changing world. Top Scientific Meeting in Lund/Malmö, Sweden. October 27-31.
- Is Capitalism Soon Over? International Forum on Globalization workshop. San Francisco. October 6-8.
- The Future Climatic Window: Local Impacts of Climate Change. Sponsored by the Wegener Centre, UniGraz, and the Federal Ministry of Education, Science and Culture, Austria. Seggau Castle, Leibnitz, Austria. January 25 – 27, 2007
- End of the Era of Cheap Energy: Strategies and Opportunities for Economic Transformation, organized by the International Forum on Globalization. San Francisco, CA. October 13-15, 2006.
- Trans-Atlantic Research & Development Interchange on Sustainability (TARDIS 2006 – A Scientific Workshop). Estes Park, Colorado, U.S.A. September 11- 13, 2006.

COP8 Associated Meeting: Biodiversity—The Megascience in Focus. Curitiba, Parana, Brazil.
March 15-19, 2006

EPA roundtable on Watershed Finance, Washington, DC. March 9, 2006

34th Annual Frank Church Symposium on International Affairs, Idaho State University,
Pocatello, Idaho. March 3, 2005.

Vermont Environmental Consortium Panel Discussion on Renewable Energy. Montpelier,
Vermont. March 16, 2004

G. Consulting

Eco-sustainability Council, Allied Waste

Environmental Protection Agency, 2006. Peer reviewer for the STAR and GRO Fellowships.

World Bank, 2005 Quality Enhancement Review for WBIEN: Markets for Environmental Goods
and Services Training Program.

H. Review of journal articles and books for:

Bio-economics, Bioscience, Conservation Letters, Ecological Applications, Ecological
Economics, Ecology, Ecological Modeling, Environmental Management, Frontiers in Ecology
and the Environment, Land Use Policy, Nature Conservation, Restoration Ecology, The Robert
Schalkenbach Foundation, Routledge, Science, Springer Verlag and others

VI. OUTREACH AND SERVICE

UVM

2008-present	Advisory Board, Institute for Global Sustainability
2007	Faculty search committee for tenure track professor, CDAE
2004-present	Ecological Economics Certificate Committee
2004-present	Fellows committee, Gund Institute for Ecological Economics
2004-2007	Advisory Board, CUPS
2003-present	Committee on International Programs, CDAE
2003-2004	College of Agriculture and Life Sciences Research and Scholarship Committee.

Professional

2010-present	Advisory Board, Austin College Center for Environmental Studies
2009-present	Fellow, Post Carbon Institute
2008-present	Member of policy committee, Society for Conservation Biology
2008	The Lowell Center for Sustainable Production. Conservation.
2007-2009	Board of Directors, Unites States Society for Ecological Economics
2005-present	Board of Directors, Earth Economics.
2004-2009	Board of Directors, the Schalkenbach Foundation
2002-2007	Advisory Board, The Scale Project.
2004-2006	Board of Directors, Burlington Currency Project
2004-2005	Board of Directors, Unites States Society for Ecological Economics
2003-2005	Finance Committee, United States Society for Ecological Economics.
2002-2005	Advisory Board, Asia Pacific Environmental Exchange (APEX)
2001-2002:	Board of Directors, Chesapeake Ranch Water Co., 11560 HG Trueman Rd., Lusby, MD, 20657
1997-1999:	Secretary, Eastern Tinaroo Catchment LandCare Group, inc. Yungaburra, QLD, Australia.

1996-1999: Extensive involvement in rainforest restoration projects, including nursery management (collected and germinated seeds, cared for seedlings), organizing and carrying out projects. Atherton Tablelands, QLD, Australia