
Victor E. Cabrera

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Professional Profile

My ultimate career goal is help rural people to improve their quality of life through applied bio-physical, socio-economic, and environmental research and extension. Coming from a farm, I have always been linked to the agricultural and rural sectors and my studies and works have always focused on enhancing these systems.

Education

Ph.D. in *Interdisciplinary Ecology* (2004). Concentration in *Food and Resource Economics*. School of Natural Resources and Environment, University of Florida. (GPA 4.0)

M.S. in *Agricultural Education and Communication* (1999). Minor in *Farming Systems Research and Extension*. University of Florida. (GPA 4.0)

Engineer in *Agronomy* (1993). Agronomy Department, *Universidad Nacional Agraria La Molina*, Lima. (Rank: 2nd/177th)

Professional Experience

2004-	Post-Doctoral Research Associate. University of Miami
2001-2004	Teaching and Research Assistant. University of Florida.
2000-2001	Extension and Development Consultant. Inter-American Development Bank. Valle Grande Rural Institute, Peru.
1999	Teaching and Research Assistant. University of Florida.
1994-1997	Faculty and Extension Agent. Valle Grande Rural Institute, Peru.
1993-1994	Farm Manager. Lurin, Peru.

International Consulting and/or Teaching Contributions

2005	Indexes for Sustainable Development. Xalapa, Mexico.
2003	Applied Sustainable Rural Development. Guayaquil, Ecuador.
2003	Adaptability Analysis in Small Farm Livelihood Systems. Managua, Nicaragua.
2002	Adaptability Analysis: On-farm trials. Managua, Nicaragua.
2001	Entrepreneur Farm Management. Huancavelica, Peru.

2000 Adaptability Analysis in Small Farm Livelihood Systems. Managua, Nicaragua

Publications

- Cabrera, V.E.**, Breuer, N.E. and Hildebrand, P.E. (accepted). North Florida stakeholder perception toward the use of climate forecast technology, nutrient pollution, and environmental regulations. *Climatic Change* 00, 00-00.
- Cabrera, V.E.**, de Vries, A. and Hildebrand, P.E. (accepted). Manure nitrogen production in North Florida dairy farms: a comparison of three models. *Journal of Dairy Science* 00, 00-00.
- Cabrera, V.E.**, Hildebrand, P.E., Jones, J.W., Letson, D., and de Vries, A. (accepted). An integrated North Florida dairy farm model to reduce environmental impacts under seasonal climate variability. *Agriculture, Ecosystems, and Environment* 00, 00-00.
- Cabrera, V.E.**, Breuer, N.E. Hildebrand, P.E., and Letson, D. 2005. The dynamic north-Florida dairy farm model: a user-friendly computerized tool for increasing profits while minimizing environmental impacts. *Computers and Electronics in Agriculture* 49, 286-308.
- Cabrera, V.E.**, Hildebrand, P.E. and Jones, J.W. 2005. Modeling the effect of household composition on the welfare of limited-resource farmers in Coastal Cañete, Peru. *Agricultural Systems* 86, 207-222.
- Cabrera, V.E.**, Breuer, N., Hildebrand, P.E. 2005. Climate-based management to reduce nitrate leaching from dairies in the Suwannee River Basin. *Coop. Ext. Serv. Circ.* 1464 Univ. Florida, Gainesville, FL. Available at: <http://edis.ifas.ufl.edu/AE284>.
- Breuer, N., **Cabrera, V.E.**, Hildebrand, P.E., Jones, J.W. 2005. Climate-based management options for north central Florida Beef Cattle Producers. *Coop. Ext. Serv. Circ.* 1476 Univ. of Florida, Gainesville, FL. Available at: <http://edis.ifas.ufl.edu/AE289>.
- Fraisse, C., Bellow, J., Breuer, N., **Cabrera, V.E.**, Jones, J.W., Ingram, K., Hoogenboom, G. 2005. Strategic plan for the Southeast Climate Consortium extension program. The Southeast Climate Consortium. Technical Report Series 05-02. Gainesville, Florida.
- Barham, J., Gichon, Y., Humphries, S., Rossi, F., Alvira, D., Rios, A. Hildebrand, P.E., **Cabrera, V.E.**, Breuer, N. 2004. Assessment of the format, content, and potential uses of the AgClimate Website and crop yield risk assessment tool by extension agents in north Florida. The Southeast Climate Consortium. Technical Report Series 04-01. Gainesville, Florida. Available at: <http://plaza.ufl.edu/vcabrera/files/assess.pdf>
- Cabrera, V.E.** 2004. Modeling north-Florida dairy farm management strategies to alleviate ecological impacts under varying climatic conditions: an interdisciplinary approach. Ph.D. Thesis. University of Florida, Gainesville, Florida. Available at: http://etd.fcla.edu/UF/UFE0005581/cabrera_v.pdf.
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- Cabrera, V.E.**, Hildebrand, P.E. and Jones, J.W. 2004. Modeling the effect of household composition on the welfare of limited-resource farmers in Cañete, Peru. University of Florida, Food and Resource Economics Department, Staff Paper Series, SP 04-01. Gainesville, Florida. Available at: <http://plaza.ufl.edu/vcabrera/files/SP0401.pdf>
- Hildebrand, P.E., Breuer, N.E., **Cabrera, V.E.** and Sullivan, A.J. 2003. Modeling diverse livelihood strategies in rural livelihood systems using ethnographic linear programming. University of Florida, Food and Resource Economics Department, Staff Paper Series, SP 03-05. Gainesville, Florida. Available at: <http://plaza.ufl.edu/vcabrera/files/elp1.pdf>
- Hildebrand, P.E. and **Cabrera, V.E.** 2003. Modeling and analyzing small farm livelihood systems with linear programming. University of Florida, Food and Resource Economics Department, Staff Paper Series, SP 03-03. Gainesville, Florida. Available at: <http://plaza.ufl.edu/vcabrera/files/aeb5167.pdf>
- Breuer, N.E., **Cabrera, V.E.**, Hildebrand, P.E. and Jones, J.W. 2003. Potential response of north central Florida livestock producers to long-term climate forecasting. The Southeast Climate Consortium. Technical Report Series 01-03. Tallahassee, Florida. Available at: <http://plaza.ufl.edu/vcabrera/files/enso.pdf>.
- Cabrera, V.E.** and Hildebrand, P.E. 2003. Economic and ecologic assessment of groundwater nitrogen pollution from north-Florida dairy farms: an interdisciplinary approach. University of Florida, Food and Resource Economics Department, Staff Paper Series, SP 03-02. Gainesville, Florida. Available at: <http://plaza.ufl.edu/vcabrera/files/nfdfs.pdf>
- Cabrera, V.E.** and Hildebrand, P.E. 2003. Family dynamics and household welfare in Cañete, Peru. *Agrippa-FAO* 1, 607-615. Available at: ftp://ftp.fao.org/UPLOAD/AGRIPPA/607_EN.pdf.
- Cabrera, V.E.**, M. Downs, M. Langholtz, A. Mugisha, R. Sandals, A.J. Shriar, and D. Veach. 1999. Potential use of long range climate forecasts by agricultural extension agents in Florida: a Sondeo report. University of Florida, Food and Resource Economics Department, Staff Paper Series, SP 99-09. Gainesville, Florida.
- Cabrera, V.E.** 1999. Farm problems, solutions, and extension programs for small farmers in Cañete, Lima, Peru. M.S. Thesis, University of Florida, Gainesville, Florida. Available at: <http://etd.fcla.edu/etd/uf/1999/amj9816/cabrera.pdf>.
- Cabrera, V.E.** 1994. Análisis de los Factores de Producción en el Cultivo de Espárrago (*Asparagus officinalis*) en la Pampa de Villacurí (Perú). *Agro-Enfoque* IX-66, Lima.
- Cabrera, V.E.** 1993. Análisis de los Factores de Producción en Espárrago en la Pampa de Villacurí, Ica, Perú. B.S. Thesis. Universidad Nacional Agraria La Molina, Lima. Available at: <http://plaza.ufl.edu/vcabrera/files/tesisvi.pdf>.
- Breuer, N.E., **Cabrera, V.E.**, and Hildebrand, P.E. (In Review) Socioeconomic resilience in an Ecuadorian agrisocioecosystem. *Global Development* 00, 00-00.
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Cabrera, V.E., Breuer, N., Hildebrand, P.E., Brown, C., and Fraise, C.W. (In Review). A Practical Guide to Linear Programming Modeling for Farm Simulation. Coop. Ext. Serv. Circ. 0000 Univ. Florida, Gainesville, FL. Available at: http://edis.ifas.ufl.edu/Review_AE359.

Cabrera, V.E., Breuer, N.E. and Hildebrand, P.E. Participatory modeling of North Florida dairy farm systems: a method for building climate variability into farm models. Urban Anthropology and Studies of Cultural Systems and World Economic Development. Submitted.

Cabrera, V.E., Jagtap, S. and Hildebrand, P.E. Climate forecast driven strategies to limit nitrogen leaching in North Florida dairy crop systems. Agricultural and Forest Meteorology. Submitted.

Cabrera, V.E., Letson, D., Podesta, G. The value of the climate information when Farm Programs matter. Agricultural Systems. Submitted.

Fraise, C. W., Bellow, J. G., Breuer, N., **Cabrera, V.E.**, Hatch, L., Hoogenboom, G., Ingram, K., Jones, J. W., O'Brien, J.J., Paz, J., Zierden, D. AgClimate: A Climate Forecast Information System for Agricultural Risk Management in the Southeastern USA. Computer and Electronics in Agriculture. Submitted.

Cabrera, V.E., Fraise, C., Letson, D., Podesta, G., Novak, J. Impact of climate information in reducing farm risk by selecting crop insurance programs . Transactions of ASAE. To be submitted.

Cabrera, V.E., Breuer, N.E., Bellow, J.G., Fraise, C. Extension agents' knowledge and perception about seasonal climate forecast in Florida. Journal of Extension. To be submitted.

Awards, Distinctions, and Other Studies

2005	Membership. American Society of Agricultural Engineers
1998-2004	Outstanding International Student with GPA 4.0/4.0. University of Florida International Center.
1999	Certificate of Membership in Recognition of High Scholarship, Outstanding Achievement and Service. The Honor Society of Agriculture <i>Gamma Sigma Delta</i> .
1999	Certificate of Honor and Membership. The Fraternity of <i>Alfa Zeta</i> .
1997-1999	Certificate of Fellowship. W.K. Kellogg Foundation.
1995	Diploma in Administration of Agricultural Schools. <i>Association Internationale des Maisons Familiales Rurales</i> , Paris.

1992

Honor Diploma. 2nd/177th Graduation Rank. *Universidad Nacional Agraria la Molina*, Lima.

Other Skills

- ✓ Fluent Spanish
- ✓ High computer literacy
- ✓ Computer simulation modeling
- ✓ Outstanding teaching abilities
- ✓ Good leadership capabilities
- ✓ Interdisciplinary