

Corinne Valdivia

Recent Articles, Chapter, and Publications

Inaugural *Brady J. Deaton Fellow in International Agriculture*, 2015

CAFNR Communications Fellow, 2013

MU International Scholar Award, Outstanding International Engagement 2008-2009

Peer Reviewed Journal Articles

- Figueroa-Armijos, M. and C. Valdivia. 2017. Sustainable innovation to cope with climate change and market variability in the Bolivian Mountains. *Innovation and Development* 7: 17-35.
- Sulemana, I., H. S. James Jr., and C. Valdivia. 2016. Perceived Socioeconomic Status as a Predictor of Environmental Concern in African and Developed Countries. *Journal of Environmental Psychology*. 46: 83-95.
- DeRosier, C., I. Sulemana, H. S. James, C. Valdivia, W. Folk, and R. Smith. 2015. A Comparative Analysis of Media Reporting of Perceived Risks and Benefits of Genetically Modified Crops and Foods in Kenyan and International Newspapers. *Public Understanding of Science*. 24(5): 563-581. DOI: 10.1177/0963662514568061
- May, S. F., L. Y. Flores, S. Jeanetta, L. Saunders, C. Valdivia, M. R. Arévalo Avalos, and D. Martínez. 2015. Latina/o Immigrant Integration in the Rural Midwest: Host Community Resident and Immigrant Perspectives. *Journal of Latina/o Psychology*. 3(1): 23-39. DOI: <http://dx.doi.org/10.1037/lat0000029>
- Valdivia, C., M. K. Danda, D. Sheikh, H. S. James Jr., V. Gathaara, G. Mbure, F. Murithi, W. Folk. 2014. Using Translational research to enhance farmers' voice: a case study of the potential introduction of GM cassava in Kenya's coast. *Agriculture and Human Values*. DOI: 10.1007/s10460-014-9536-0
- Gao, J., C. Barbieri, and C. Valdivia. 2014. A socio-demographic examination of the perceived benefits of agroforestry. *Agroforestry Systems*. 88 (2): 301-309.
- Valdivia, C. and C. Barbieri. 2014. Experiential Agritourism: A Sustainable Strategy for Adapting to Climate Change in the Andean Altiplano. *Tourism Management Perspectives*. 11: 18-25.
- Aguilera, J., P. P. Motavalli, M. A. Gonzales, and C. Valdivia. 2014. Evaluation of rapid field test method for assessing nitrogen status in potato plant tissue in rural communities in the Bolivian Andean highlands. *Communications in Soil Science and Plant Analysis*. DOI:10.1080/00103624.2013.857680
- Valdivia, C., J. Gilles, and C. Turin. 2013. Andean Pastoral Women in a Changing World: Challenges and Opportunities. *Rangelands*. 35(6): 75-81.
- Gao, J., C. Barbieri, and C. Valdivia. Agricultural landscape preferences: Implications for agritourism development. 2013. *Journal of Travel Research*. DOI: 10.1177/0047287513496471
- Gomez- Montano, L., A. Jumpponen, M. A. Gonzales, J. Cusicanqui, C. Valdivia, P. Motavalli, M. Herman, K. Garrett. 2013. Do bacterial and fungal communities in soils of the Bolivian Altiplano change under shorter fallow periods? *Soil Biology and Biochemistry*. 65: 50-59.
- Aguilera, J., P. P. Motavalli, M. A. Gonzales, and C. Valdivia. 2013. Response of a Potato-Based Cropping System to Conventional and Alternative Fertilizers in the Andean Highlands. Accepted. *International Journal of Plant & Soil Science*. 3(20):139-162.

- Aguilera, J., P. P. Motavalli, C. Valdivia and M. A. Gonzales. 2013. Impacts of Cultivation and Fallow Length on Soil Carbon and Nitrogen Availability in the Bolivian Andean Highland Region. *Mountain Research and Development*. 33(4): 391-403.
- Gilles, J., J. Thomas, C. Valdivia, and E. Yucra Sea. 2013. Where are the Laggards? Conservers of traditional knowledge in Bolivia. *Rural Sociology*. 78(1): 51-74.
- Valdivia, C., J. Thibeault, J.L. Gilles, M. García, and A. Seth. Climate Trends and Projections for the Andean Altiplano and Strategies for Adaptation. *Advances in Science and Research*. (33): 69-77. <http://www.adv-geosci.net/33/index.html>
- Garrett, K.A., A. Dobson, J. Kroschel, B. Natarajan, S. Orlandini, S. Randolph, H. E. Z. Tonnang, and C. Valdivia. 2013. The effects of climate variability and the color of weather tie series on agricultural diseases and pests, and on decisions for their management. *Agricultural and Forest Meteorology*. 170: 216–227 On-line: <http://dx.doi.org/10.1016/j.agrformet.2021.04.018>.
- Aguilera, J., P. P. Motavalli, M. A. Gonzales, and C. Valdivia. 2012. Initial and Residual Effects of Organic and Inorganic Amendments on Soil Properties in a Potato-Based Cropping System in the Bolivian Andean Highlands. *American Journal of Experimental Agriculture* 2(4):641-666.
- Holderieth, J., C. Valdivia, L. Godsey, and C. Barbieri. 2012. The potential for carbon offset trading to provide added incentive to adopt silvopasture and alley cropping in Missouri. *Agroforestry Systems*. 86: 345-353. On-line first. DOI 10.1007/s10457-012-9543-3
- Valdivia, C., C. Barbieri, and M. Gold. 2012. Between Forestry and Farming: Policy and Environmental Implications of the Barriers to Agroforestry Adoption. *Canadian Journal of Agricultural Economics*. 60: 155–175.
- Valdivia, C., S. Jeanetta, L. Y. Flores, A. Morales and D. Martínez. 2012. Latino/a Wealth and Livelihood Strategies in Rural Midwestern Communities. *Choices* 1st Quarter, 27(1). www.choicesmagazine.org/choice-magazine/theme-articles/rural-wealth-creation/
- Valdivia, C., and L. Y. Flores. 2012. Factors Affecting the Job Satisfaction of Latino/a Immigrants in the Midwest. *Journal of Career Development*. 39(1 February):31-49 DOI: 10.1177/0894845310386478.
- Garrett, K. A., G. A. Forbes, S. Savary, P. Skelsey, A. H. Sparks, C. Valdivia, A. H. C. van Bruggen, L. Willocquet, A. Djurle, E. Duveiller, H. Eckersten, S. Pande, C. Vera Cruz, and J. Yuen. 2011. Complexity in Climate Change Impacts: An Analytical Framework for Effects Mediated by Plant Disease. *Plant Pathology*. 60: 15-30.
- Barbieri, C., and C. Valdivia. 2010. Recreation and Agroforestry: Examining New Dimensions of Multifunctionality in Family Farms. *Journal of Rural Studies*. 26(4): 465-473.
- Valdivia, C., A. Seth, J. L. Gilles, M. García, E. Jiménez, J. Cusicanqui, F. Navia, and E. Yucra. 2010. Adapting to Climate Change in Andean Ecosystems: Landscapes, Capitals, and Perceptions Shaping Rural Livelihood Strategies and Linking Knowledge Systems. *Annals of the Association of American Geographers*. 100 (4): 818-834.
- Seth, A., J. Thibeault, M. García, and C. Valdivia. 2010. Making Sense of 21st Century Climate Change in the Altiplano: Observed Trends and CMIP3 Projections. *Annals of the Association of American Geographers*. 100 (4): 835-865.
- Barbieri, C., and C. Valdivia. 2010. Recreational Multifunctionals and Its Implications for Agroforestry Diffusion. *Agroforestry Systems*. 79: 5–18
- Valdivia, C., and A. Dannerbeck. 2009. Moving Around to Get By and Try to Get Ahead: Immigration experiences in new settlement communities of the Midwest. *Professional Development: The International Journal of Continuing Social Work Education* 12 (3): 29-41.
- Gilles, J.L., and C. Valdivia. 2009. Local Forecast Communication in the Altiplano. *Bulletin of*

the American Meteorological Society. 90 (1): 85-91.

Valdivia, C., and C. Poulos. 2009. Factors Affecting Farm Operators' Interest in Incorporating Riparian Buffers and Forest Farming Practices in Northeast and Southeast Missouri. *Agroforestry Systems*. 75 (1): 61-71.

Arbuckle, J. G. Jr., C. Valdivia, A. Raedeke, J. Green, and J. S. Rikoon. 2009. Non-Operator Landowner Interest in Agroforestry Practices in Two Missouri Watersheds. *Agroforestry Systems*. 75 (1): 73-82.

Dozi, P., and C. Valdivia. 2008. Vulnerabilities and Economics Wellbeing of Hispanics in Non-Metro Missouri. *Latino(a) Research Review*. 6 (3): 65-92.

Invited Journal Articles

Valdivia, C., L. Y. Flores, S. Jeanetta, and D. Martínez. 2015. Latino and Latina Immigrants in Rural Communities of the Midwest: The role of Cultural Identity in Wellbeing and Job Satisfaction. *NEXO*. Julian Samora Research Institute. 18(2 Spring):18-23.

Valdivia, C., P. Dozi, S. Jeanetta, L. Y. Flores, D. Martinez, and A. Dannerbeck. 2008. Networks and Context of Reception in Asset Accumulation Strategies of Latino Newcomers in Rural Settlement Communities of the Midwest: A New Framework for Understanding Immigration. *American Journal of Agricultural Economics*. 90 (5): 1319-1325.

Valdivia C., E. Jiménez, and A. Romero. 2007. El Impacto de los Cambios Climáticos y de Mercado en Comunidades Campesinas del Altiplano de La Paz. (The Impact of Climate and Market Changes in Peasant Communities of the Altiplano of La Paz). *Umbrales* (La Paz, Bolivia). 16 (December): 233-262.

Valdivia, C., and J. L. Gilles. 2001. Gender and Resource Management: Households and Groups, Strategies and Transitions. *Agriculture and Human Values*. 18 (1): 5-9.

Valdivia, C., E. Dunn, and C. Jetté. 1996. Diversification as a Risk Management Strategy in an Andean Agropastoral Community. *American Journal of Agricultural Economics*. 78(5) (December): 1329-1334.

Edited Proceedings and Chapters

Jeanetta, S., C. Rector, L. Saunders, and C. Valdivia (eds.) 2016. *Cambio de Colores: Latinos in the Heartland: Shaping the Future: Leadership for Inclusive Communities. Proceedings of the 14th Annual Conference: June 10-12, 2015, Kansas City, Missouri*. Cambio Center, University of Missouri. 99p.

Jeanetta, S. and C. Valdivia (eds). 2015. *Latinos in the Heartland: Growing Together in New Destination Areas. Proceedings of the 13th Annual Cambio de Colores Conference*. University of Missouri, Columbia MO. 83pp.

Jeanetta, S., and C. Valdivia (eds). 2014. *Cambio de Colores: Latinos in the Heartland. Proceedings of the 12th Annual Conference: Positive Steps Toward a Pluralist Society*. June 12-14, St Louis, MO. 128 pp.

Jeanetta, S., and C. Valdivia (eds). 2013. *Latinos in the Heartland. At the Crossroads: Incorporation or Marginalization? Proceedings of the 11th Annual Conference of Cambio de Colores (Change of Colors)*. June 13-15, 2012. Columbia, MO. 141 pp.

Jeanetta, S., and C. Valdivia (eds). 2012. *Latinos in the Heartland. Migration and Shifting Human Landscapes. Proceedings of the 10th Annual Conference of Cambio de Colores (Change of Colors)*. June 8-10, Kansas City, MO. 118 pp.

Jeanetta, S., and C. Valdivia (eds). 2011. *Cambio de Colores Latinos in the Heartland. Proceedings of the Ninth Annual Conference*. May 24-26 2010. University of Missouri Extension and Cambio Center, University of Missouri (MU). Columbia, MO. 95 pp.

- Jeanetta, S., and C. Valdivia (eds). 2010. *Cambio de Colores Latinos in the Heartland. Proceedings of the 2009 Annual Conference*. University of Missouri Extension and Cambio Center, University of Missouri (MU). Columbia, MO. 80 pp.
- Jeanetta, S., and C. Valdivia (eds). 2009. *Cambio de Colores Latinos in Missouri: Latinos in Missouri. Conference Abstracts 2006-2008*. University of Missouri Extension and Cambio Center. Columbia, MO. 72 pp.

Chapters in Books

- Coppock, D. L., M. Fernández-Giménez, P. Hiernaux, E. Huber-Sannwald, C. Schloeder, C. Valdivia, J. T. Arredondo, M. Jacobs, C. Turin, and M. Turner. 2017. Rangelands in Developing Nations: Conceptual Advances and Societal Implications. Chapter 17 in David D. Briske (ed). *Rangeland Systems: Processes, Management and Challenges*. Pp. 596-642. (Open Access publication <http://link.springer.com/book/10.1007/978-3-319-46709-2>)
- James, J., C. Valdivia, W. Folk, D. Sheikh, F. Murithi, V. Gathaara, M. Kengo, C. Bett, G. Mbure. 2015. Assessing and Communicating the Risks and Benefits of GM Cassava in Kenya. In D.J. Bennett and P.J. Mitton (eds.) *Africa's Future...Can Biosciences Contribute?* Cambridge, UK: Benson. Pp. 62-75.
- Jiménez, E., J. L. Gilles, A. Romero, J and C. Valdivia. 2013. Cambio Climático, Diversidad de Papa y Conocimiento Local en el Altiplano Boliviano (Climate Change, Potato Biodiversity and Local Knowledge in the Bolivian Altiplano). In *Pobreza, ambiente y cambio climático. (Poverty, environment and climate change)*. CLACSO Latin American Council on Social Sciences. Buenos Aires, Argentina.
- Jensen, N. and C. Valdivia. 2013. Exploración de la relación entre las estrategias de vida y la resiliencia social y ecológica en el Altiplano de Bolivia. In E. Jiménez (ed) *Adaptación y Cambio Climático en Bolivia (Adaptation and Climate Change)*. Postgrado en Ciencias del Desarrollo CIDES (Postgraduate in Development Sciences), Universidad Mayor San Andrés. La Paz, Bolivia. Pp. 219-245.
- Figuroa-Armijos, M. and C. Valdivia. 2013. Papas Nativas, Acceso al Mercado y Resiliencia en el Altiplano Boliviano (Native Potatoes, Market Access and Resiliency in the Bolivian Altiplano). In E. Jiménez (ed) *Adaptación y Cambio Climático en Bolivia (Adaptation and Climate Change)*. Postgrado en Ciencias del Desarrollo CIDES (Postgraduate in Development Sciences), Universidad Mayor San Andrés. La Paz, Bolivia. Pp. 179-218.
- Valdivia, C., E. Seth, E. Jiménez, and J. Cusicanqui. 2013. Cambio Climático y Adaptación en el Altiplano de Bolivia (Climate Change and Adaptation in the Bolivian Altiplano). In E. Jiménez (ed) *Adaptación y Cambio Climático en Bolivia (Adaptation and Climate Change)*. Edición 25 años. Postgrado en Ciencias del Desarrollo CIDES (Postgraduate in Development Sciences), Universidad Mayor San Andrés (UMSA). La Paz, Bolivia. Pp. 17- 46.
- Motavalli, P. P., J. Aguilera, H. Blanco-Canqui, C. Valdivia, A. Seth, and M. García. 2013. Soils and Climate Change: Consequences and Potential Adaptation in the Andean Highlands. In E. Jiménez (ed) *Adaptación y Cambio Climático en Bolivia*. Edición 25 años. Postgrado en Ciencias del Desarrollo CIDES, Universidad Mayor San Andrés. La Paz, Bolivia. Pp. 99-122.
- Turin, C., and C. Valdivia. 2011. Off-farm Work in the Peruvian Altiplano: Seasonal and Geographic Considerations for Agricultural and Development Policies. Chapter 10 in: Deveraux, S., R. Sabates-Wheeler and R. Longhurst (eds). *Seasonality, Rural Livelihoods and Development*. Earthscan. London, United Kingdom. 320 pp.
- Peñaranda, M., C. Valdivia, J. Cusicanqui, R. Miranda, M. García, F. Navia, and E. Yucra. 2011. Prácticas y Estrategias en Respuesta al Riesgo Climático en Agroecosistemas Vulnerables de la Región Andina. (Practices and Strategies in Response to Climate Risks in Vulnerable Ecosystems of the Andean Region). In *Proyecto Prácticas y Estrategias de Respuesta a los*

Cambios Climáticos y del Mercado en Agroecosistemas Vulnerables del Programa SANREM-CRSP Compendio 2006-2009. (Practices and Strategies in Response to Climate and Market Change in Vulnerable Agroecosystems Project of the SANREM-CRSP Compilation 2006-2009). Universidad Mayor San Andrés. La Paz, Bolivia. pp. 23- 31.

- Yucra, E., and C. Valdivia. 2011. La Evaluación Participativa Como Herramienta de Investigación y Desarrollo Participativo. (Participatory Assessment as Participatory Research and Development Tool). In *Proyecto Prácticas y Estrategias de Respuesta a los Cambios Climáticos y del Mercado en Agroecosistemas Vulnerables del Programa SANREM-CRSP Compendio 2006-2009*. Universidad Mayor San Andrés. La Paz, Bolivia. pp. 15-22.
- Valdivia, C., M. Gold, L. Zabek, J. Arbuckle, and C. Flora. 2009. Human and Institutional Dimensions of Agroforestry. In: Garrett, H.E. (ed). *North American Agroforestry: An Integrated Science and Practice*. 2nd Edition. America Society of Agronomy Inc., Madison, WI. pp 339-367.

Invited Publications by International Organizations

- Sheikh, D. and C. Valdivia. 2009. Climate Variability, Location and Diversification: Livestock assets in consumption smoothing in shock and non-shock seasons in two regions of Kenya. *Seasonality Revisited International Conference*, 8–10 July. Institute of Development Studies UK. www.future-agriculture.org Sheikh 2009-Seasonal consumption smoothing in Kenya-2.pdf.
- Jimenez, E. and C. Valdivia. 2009. Market Integration: The Challenge of Climate Change. In *Sustainable Livelihoods Highlights. Research Findings for Development Policymakers and Practitioners*. October. Institute of Development Studies IDS, United Kingdom. p.5.
- Sperling, F., C. Valdivia, R. Quiroz, R. Valdivia, L. Angulo, A. Seimon, and I. Noble. 2008. *Transitioning to Climate Resilient Development – Perspectives from Communities of Peru*. Climate Change Series No. 115. The World Bank Environment Department Papers. Sustainable Development Vice-Presidency. Washington, D.C. 103pp.