

# Publications on Latin America

## Peer-Reviewed Articles

Davis J., López-Carr D. (2014) [Migration, Remittances and Smallholder decision-making: Implications for Land Use and Livelihood Change in Central America](#) Land Use Policy 36, 319-329.

Bremer LL, Farley K.A., Lopez-Carr D.(2014) [What Factors Influence Participation in Payment for Ecosystem Services Programs? An Evaluation of Ecuador's SocioPáramo Program](#) Land Use Policy 36, 122-133.

Murtinho F., Eakin H., López-Carr D., Hayes TM. (2013) [Does External Funding Help Adaptation? Evidence from Community-Based Water Management in the Colombian Andes](#) Environmental Management, 1-12.

Murtinho, F., C. Tague, B. de Bievre, H. Eakin, D. López-Carr (2013). [Water Scarcity in the Andes: A Comparison of Local Perceptions and Observed Climate, Land Use and Socioeconomic Changes](#). Human Ecology: 1-15.

Suter, L.K, and López-Carr, D (2013). [Land cover change and ownership turnover in the agricultural frontier: the Maya Biosphere Reserve, Guatemala](#). Proceedings of the 2013 International Union for the Scientific Study of Population (IUSSP). Busan, Korea, August, 2013. Pp. 11.

Côrtes, J.C., L.K. Suter, A. D'Antona, D. López-Carr (2013). [Population mobility and land fragmentation: land use-cover change in Brazil and Guatemala](#). Proceedings of the International Union for the Scientific Study of Population (IUSSP). Busan, Korea, August, 2013. Pp. 4.

D. López-Carr, Ervin, D. A. López-Carr (2013). [The effects of population and land cover change on food security in Latin America from 1961 -2011](#). Proceedings of the 2013 International Union for the Scientific Study of Population (IUSSP). Busan, Korea, August, 2013. Pp. 7.

Aide, TM, M. Clark, R. Grau, D. López-Carr, D. Redo, M. Bonilla, M. Levy (2013). [Deforestation and reforestation of Latin America and the Caribbean \(2001-2010\)](#). Biotropica. 45(2): 262-271.

López-Carr, D. (2012). [Agro-ecological determinants of rural out-migration to the Maya biosphere reserve, Guatemala](#). Environmental Research Letters. (7)4: 045603. pp: 7.

Suter, L. and D. López-Carr. (2012). [Beyond the middle of nowhere: out-migration from the agricultural frontier in the Sierra del Lacandón National Park, Guatemala](#). Proceedings of the Latin American Studies 2012 International Congress. pp 1-25.

Aide, T. M., M. L. Clark, H. R. Grau, D. López-Carr, M. A. Levy, D. Redo, M. Bonilla-Moheno, G. Riner, M. J. Andrade-Nunez, & M. Muniz (2012). [Deforestation and Reforestation of Latin America and the Caribbean \(2001-2010\)](#). *Biotropica*.

López-Carr, D., J. Davis, M. Jankowska, L. Grant, A.C. López-Carr, M. Clark (2012). [Space versus place in complex human–natural systems: Spatial and multi-level models of tropical land use and cover change \(LUCC\) in Guatemala](#). *Ecological Modeling* 229 (24): 64-75.

Pérez Vega, A., J. Mas, D. López-Carr (2011). [Modelado de los cambios de uso/cobertura del suelo y conservación de la biodiversidad en Michoacán](#). Memorias del XIV Simposio Internacional de la Sociedad de Especialistas Latinoamericanos en Percepción Remota (Proceedings of the XIV Conference of the Society of Latin American Specialists in Remote Sensing and Geographical Information Systems) (SELPER).978-607-441-100-3. Pp 1-12.

Frank, E., H. Eakin, and D. López-Carr (2011). [Social Identity, Perception and Motivation in Adaptation to Climate Risk in the Coffee Sector of Chiapas, Mexico](#). *Global Environmental Change* (21) 1 : 66-76.

Davis, J.D. and D. López-Carr (2010). [The Effects of Migrant Remittances on Population-Environment Dynamics in Migrant Origin Areas: International Migration, Fertility and Consumption in Highland Guatemala](#). *Population and Environment* 32: 216–237.

Lerner, A.M. and D.L. Carr (2010). [Determinants of Agricultural Intensification and Maize Productivity in the Maya Biosphere Reserve, Guatemala](#). *Acta Geographica* (5) 2: 31-40.

Suter, L. and D. López-Carr (2010). [A Comparison of LUCC Detection Algorithms in a Mesoamerican Lowland Tropical Forest](#). *Acta Geographica* (5) 2: 101-113.

D. Ervin, D. López-Carr, A. López-Carr, (2010). [Population, Agriculture and Land Use: Implications for Food Security in Latin America](#). Proceedings of the Tropentag 2010 World Food System Annual Conference. September 14 – 16, 2010, Zurich, Switzerland. 5 pp. (working paper).

Frank, E., H. Eakin, D. López-Carr (2010). [Risk Perception and Adaptation to Climate Risk in the Coffee Sector of Chiapas, Mexico](#). Proceedings of the Tropentag 2010 World Food System Annual Conference. September 14 – 16, 2010. Zurich, Switzerland. 5 pp.

Davis, J., D. López-Carr, and J. Weeks (2010). [Migration, Remittances, and Cattle: Implications for Land Use Change and Food Security in Central America](#). *Papers of the Global Land Project Open Science Meeting*. Arizona State University. 17-19 October. (Also accepted for publication in the *Proceedings of the Tropentag 2010 World food System Annual Conference*).

Suter, L. and D. López-Carr (2010). [Agricultural Intensification in a Conservation Area: Sierra del Lacandón National Park, Guatemala](#). Proceedings of the Tropentag 2010 World food System Annual Conference. September 14 – 16, 2010, Zurich, Switzerland. 4 pp. (working paper).

Murtinho, F., H. Eakin, D. López-Carr (2010). [Is External Assistance Needed for Adaptation? An Assessment of Government Intervention in Local Water Management in the Colombian Andes](#). Papers of the International Association for the Study of the Commons ( IASC) North American Regional Meeting. September 30 – October 2, 2010, Arizona State University, Tempe, AZ. 19pp.

Davis, J. and D. López-Carr (2010). [The Effects of Migrant Remittances on Consumption in Highland Guatemala](#). Proceedings of the European Population Conference. September 1-4, 2010, Vienna, Austria. 14 pp.

Pan, WK, and D. López-Carr (2010). [Population, Multi-scale Processes, and Land Use Transitions in the Amazon](#). Proceedings of the European Population Conference. September 1-4, 2010, Vienna, Austria. 40 pp.

Suter, L. and D. López-Carr (2010). [Land parcel fragmentation in the Agricultural Frontier: Sierra del Lacandón National Park, Guatemala](#). Proceedings of the European Population Conference. September 1-4, 2010, Vienna, Austria. 26 pp.

Carr, D. L. (2009). [Population, rural development, and land use among settler households in an agricultural frontier in Guatemala's Maya Biosphere Reserve](#). *Journal of Global and International Studies* 1(1): 51-69.

Carr, D.L., A.C. Lopez, R.E. Bilborrow (2009). [The population, agriculture, and environment nexus in Latin America: country-level evidence from the latter half of the twentieth century](#). *Population and Environment* 30: 222-246.

Davis, J., and D.L. Carr (2009). [Flowing wealth, circulating labor, and reproduction in Central American households](#). *Papers of the 2009 Population Association of America Annual Conference*. April 17-19, Detroit, MI. 15 pp.

Pan, WK, D. Ramachandran, and D.L. Carr (2009). [Shifts in determinants of fertility among women living in the Amazon](#). *Papers of the 2009 Population Association of America Annual Conference*. April 17-19, Detroit, MI. 4 pp.

Barbieri, A., D.L. Carr, and RE Bilsborrow (2009). [Migration Within the Frontier: The Second Generation Colonization in the Ecuadorian Amazon](#). *Population Research and Policy Review* 28(3): 291-320.

Carr, D. L. William KY Pan Richard E. Bilsborrow Chirayath Suchindran Thomas M. Whitmore, Felipe Murtinho (2008). [Un análisis multinivel de población y deforestación en el Parque Nacional Sierra de Lacandón \(Petén, Guatemala\)](#). *Documents d'Anàlisi Geogràfica Scripta Nova* 52, pp. 49-67.

Carr, D. L. (2008). [Farm households and land use in a core conservation zone of the Maya Biosphere Reserve, Guatemala](#). *Human Ecology*. 36(2): 231-248.

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K. Grace, S.H. Sweeney, and D.L. Carr (2008). [A Spatial and Temporal Analysis of Fertility in Guatemala](#). *Papers of the 2008 Population Association of America Annual Conference*.

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Pan, WK, D.L. Carr, A Barbieri, R.E. Bilsborrow, and C. Suchindran. (2007). [Forest clearing in the Ecuadorian Amazon: A study of patterns over space and time](#) . *Population Research and Policy Review*. 26(5-6): 635-659.

Carr, D. L. W. K. Pan and R.E. Bilsborrow (2006). [Declining fertility on the frontier: The Ecuadorian Amazon](#) . *Population and Environment*. 28(1): 17-39.

Carr, D.L. and A. Barbieri (2006). [Población, tenencia de tierra, uso del suelo, y deforestación en el Parque Nacional Sierra de Lacandón](#). *Journal of Latin American Geography*. 5(1): 97-112.

Carr, D. L. (2006). [A tale of two roads: Land tenure, poverty, and politics on the Guatemalan frontier](#) . *Geoforum*. 37(1): 94-103.

Barbieri, A., DL Carr, RE Bilborrow (2006). [Out-migration of second generation frontier colonists and population redistribution in the Ecuadorian Amazon](#) . XXV IUSSP General Conference, Tours, France, July 2005. Pp 1-22. (Peer-reviewed extended abstract).

Barbieri, A. and D.L. Carr (2005). [Gender-specific out-migration, deforestation and urbanization in the Ecuadorian Amazon](#) .*Global and Planetary Change*. 47 (2-4): 99-110.

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Sutherland, E, D.L. Carr, and S. Curtis (2004). [Fertility and the environment in a natural resource dependent economy: Evidence from Petén, Guatemala](#) . *Población y Salud en Mesoamérica*. 2(1): 1-12. Reprinted in *Población y Salud en Mesoamérica*. (2005). Ed. R. Chinchilla Arley. San José, Costa Rica: Centro Centroamericano de Población. Pp. 291-304. Reprinted in California Center for Population Research (2005). *The Population of the Central American Isthmus in 2003*. Conference Papers. University of California at Los Angeles. Pp 1-14.

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Pan, WK, D. Ramachandran, D.L. Carr (2003). [Multilevel factors influencing fertility on the agricultural frontier: a longitudinal analysis of women in the Northern Ecuadorian Amazon](#). *Papers of the 2003 Population Association of America Annual Conference*. Minneapolis, MN, May 1-3.

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[national, and local scales](#) . *Proceedings of the Open Meeting of the Human Dimensions of Global Environmental Change Research*. Montreal, Canada. October 16-18. (Peer-reviewed extended abstract).

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## **Book Chapters**

Ervin, D. and D. López-Carr (2012). [U.S. Poverty: Poverty and Latino immigration in the United States](#). United States Geography. ABC-CLIO, 2012. Web. 1 Nov. 2012.

Carr, D.L., A. Barbieri, W. Pan, H. Iravani, (2006). [Agricultural change and limits to deforestation in Central America](#) . Chapter 6. In *Agriculture and Climate Beyond 2015: A new perspective on future land use patterns*. Eds. Floor Brouwer and Bruce McCarl. Dordrecht, The Netherlands: Springer. Pp. 98-107.

Gellert, G., (PI) Carr, D.L., I.C. Valenzuela, S.I. Rodríguez de Cuavas, K. Slowing (collaborators) (2004). [La dinámica poblacional](#). In *Perfil Ambiental de Guatemala*. Ed. Claudio Cabrera. Guatemala: Universidad Rafael Landívar e Instituto de Incidencia Ambiental. Pp. 257-288.

Carr, D.L. (2003). [Administración de recursos naturales y fecundidad en la Reserva de la Biósfera de Sian Ka'an, México: campos y anticoncepción en el pueblo langostero de Punta Allen](#). In *Género y medio ambiente en México, Centroamérica y el Caribe*. Ed. E. Tuñon Pablos. Mexico City: Editorial del Colegio Sur de México. P. 179-204.

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Carr, D.L. (2000). [Un perfil socioeconómico y demográfico del Parque Nacional Sierra de Lacandón](#) . In *Nuevas Perspectivas de Desarrollo Sostenible en Petén*. Eds. J. Grunberg y S. Elias. Guatemala City, Guatemala: Facultad Latinoamericana de Ciencias Sociales (FLACSO). p. 93-106.

## **Book Reviews**

Carr, D. L. (1999). [Lucha por la tierra, retornados y medio ambiente en Huehuetenango](#) , by Cesar Castañeda. *Mesoamerica* 37. p. 235-40.

## **Books, Reports, and Manuscripts**

L.S. Suter and D. López-Carr (2010). [El Nivel de Desarrollo Humano en el Parque Nacional Sierra del Lacandon](#). *Un Perfil socio-económico y demográfico del Parque Nacional Sierra de Lacandón*. Fundación Defensores de la Naturaleza, The Nature Conservancy, and Consejo Nacional de Áreas Protegidas de la Presidencia de la República de Guatemala (CONAP). Pp. 126.

D.L. Carr (primary contributing author) (2009). [Perfil de Parque – Guatemala: Parque Nacional Sierra del Lacandón](#). ParksWatch: Strengthening parks to safeguard biodiversity. Center for Tropical Conservation, Duke University, Durham, NC. Pp. 20.

Carr, D. L. (2002). Ph.D Dissertation. [Rural-frontier migration and deforestation in the Sierra de Lacandón National Park, Guatemala](#) . Department of Geography, University of North Carolina, Chapel Hill, NC. May, 2002. Pp. 327.

Ewell, J. E. (2000). [Venezuela y los Estados Unidos: desde el hemisferio de Monroe al imperio del petróleo](#). Translation from English [Venezuela and the United States: from Monroe's Hemisphere to Petroleum's Empire](#) (introduction available online). In *The United States and the Americas series*. Ed. Lester D. Langley. Athens and London:,The University of Georgia Press. Translator: D. L. Carr. Caracas, Venezuela, Editorial de la Universidad Católica Andrés Bello. p. 272.

Carr, D. L. (1999). [Un Perfil socio-económico y demográfico del Parque Nacional Sierra de Lacandón: Desafíos y caminos a la conservación](#) . Flores, Guatemala, The Nature Conservancy, USAID, and Consejo Nacional de Areas Protegidas de la Presidencia de la República de Guatemala (CONAP). Ediciones serie no. 10. p. 66. (peer-reviewed).

Estrella, U. (1994). [Footsteps through Quito](#). Translation from Spanish [Peatón de Quito](#) . Translator: D. L. Carr. Quito, Ecuador, Editorial Abrapalabra. p. 90.

### **Paper Awards**

Carr, D.L. (2004). Nystrom Award. First Place: Award for the best paper based on a dissertation presented at the Association of American Geographers annual meeting. [Examining the proximate and underlying causes of tropical deforestation: Migration and land use in the Sierra de Lacandón National Park, Guatemala](#).

Carr, D.L. and W. Pan (2002). Population Specialty Group (PSG) of the Association of American Geographers (AAG) Student Paper Award. First place: [Fertility, farm size and land use on the frontier: Longitudinal evidence from the Ecuadorian Amazon](#).