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EDUCATION

- 1997 Post-doctoral studies, Earth Institute, Columbia University, New York City, NY
- 1995 Doctor of Forestry, Yale School of Forestry and Environmental Studies, New Haven, CT
- 1989 Master of Forest Sciences, Yale School of Forestry and Environmental Studies, New Haven, CT
- 1980 Bachelor's Degree, Forestry Sciences, Universidad Nacional de la Amazonía, Iquitos, Peru

PROFESSIONAL EXPERIENCE

- 2018-Present Senior Project Scientist, Earth Innovation Institute, San Francisco, CA
- 2017-Present Senior Research Scientist, Inter-cultural National University of Peru
- 2017-Present Adjunct Researcher, The International Research Institute for Climate and Society, Earth Institute, Columbia University
- 2009-2014 Director of International Programs and Associate Research Scientist, Earth Institute's Center for Environmental Sustainability, Columbia University
- 2005-2008 Leader of Research, Training and Policy Actions on Conservation, Sustainable Development and Resource Management for Latin America and the Caribbean, Center for Environmental Research and Conservation (CERC), Columbia University
- 1998-2004 Scientific Coordinator of the International Program on People, Land and Environmental Change, United Nations University, Tokyo, Japan

PUBLICATIONS

- 2018 Pinedo-Vasquez, M. , T.M. Lee, O. Almeida, C. Oliveira Furtado, M. Leite Almeida, A. Abreu, and F. Rabelo. 2018. Synthesis of information on health dynamics in Small Cities at the Amazon Delta under sea level rise and climate change. Nucleos de Altos Estudios Amazonicos (NAEA), Federal University of Pará.
- 2018 Pinedo-Vasquez, M., T.M. Lee, S. Rivero, C. Oliveira Furtado, M. Leite Almeida and A. Abreu. 2018. Urban Tansitions. Nucleos de Altos Estudios Amazonicos (NAEA), Federal University of Pará.
- 2018 Pinedo-Vasquez, M., T.M. Lee, S. Rivero, C. Oliveira Furtado, M. Leite Almeida and A. Abreu. 2018. Building climate resilient small cities at the Amazon Delta: Urban Planning beyond disaster relief and welfare. Nucleos de Altos Estudios Amazonicos (NAEA), Federal University of Pará.
- 2018 Almeida, O., A.C.B. de Lima, M. Pinedo-Vasquez, T.M. Lee, S. Rivero and A. Mansur. 2018. Resiliencia urbana y amenazas climáticas: Vulnerability y planificación de adaptación para ciudades pequeñas en el delta y estuario del rio Amazonas. Quito, Ecuador: Fundación Futuro Latinoamericano.
- 2017 Fernandes, K., L. Verchot, W. Baethgen, V. Gutierrez-Velez, M. Pinedo-Vasquez and C. Martius. 2017. Heightened fire probability in Indonesia in non-drought conditions: the effect of increasing temperatures. *Environmental Research Letters*, 12 (054002).
- 2017 Schwartz, N.B, M. Uriarte, R. DeFries, K.M. Bedka, K. Fernandes, V.H. Gutierrez-Velez and M. Pinedo-Vasquez. 2017. Fragmentation increases wind disturbance impacts on forest structure and carbon stocks in a western Amazonian landscape. *Ecological Applications*. doi: 10.1002/esp.1576.

- 2017 Schwartz, NB, M. Uriarte, R. DeFries, V.H. Gutierrez-Velez, and M.A. Pinedo-Vasquez. 2017. Land-use dynamics influence estimates of carbon sequestration potential in tropical second-growth forest. *Environmental Research Letters*, 10: 1-29.
- 2017 Baptiste, B., M. Pinedo-Vasquez, V.H. Gutierrez-Velez, G.I. Andrade, P. Vieira, L.M. Estupiñán-Suárez, M.C. Londoño, W. Laurance, and T.M. Lee. 2017. Greening peace in Colombia. *Nat. Ecol. Evol.* 1: 0102.
- 2017 Sigouin A., M. Pinedo-Vasquez, R. Nasi, C. Poole, B. Horne, and T.M. Lee. 2017. Priorities for the trade of less charismatic freshwater turtle and tortoise species. *Journal of Applied Ecology*, 54: 345-350.
- 2016 Vogt, N.D., M. Pinedo-Vasquez, E. Brondizio, F. Rabelo, K. Fernandes, O. Almeida, S. Riveiro, P. Deadman, and Y. Dou. 2016. Local ecological knowledge and incremental adaptation to changing flood patterns in the Amazon delta. *Sustainable Science*. DOI 10.1007/s11625-015-0352-2.
- 2015 Vogt N.D; M. Pinedo-Vasquez; E. Brondizio; O. Almeida and S. Rivero. 2015. Forest transition in mosaic landscapes: Smallholder's flexibility in land-resource use decisions and livelihood strategies from World War II to the present in the Amazon estuary. *Society and Natural Resources*. DOI: 10.1080/08941920.2015.1014603
- 2015 Fernandes, K., A. Giannini, L. Verchot, W. Baethgen, and M. Pinedo-Vasquez. 2015. Decadal co-variability of Atlantic SSTs and western Amazon dry-season: hydroclimate in observations and CMIP5 simulations. *Journal of Geophysical Research*. DOI: 10.1002/2015GL063911
- 2015 Schwartz, N.B., M. Uriarte, V.H. Gutierrez-Velez, W. Baethgen, R. DeFries, K. Fernandes, and M. Pinedo-Vasquez. 2015. Climate, landowner residency, and land cover predict local scale fire activity in the Western Amazon. *Global Environmental Change*, 31: 144-153.
- 2015 Cummins, I., M. Pinedo-Vasquez, A. Barnard, and R. Nasi. 2015. Agouti on the wedding menu: Bushmeat harvest, consumption and trade in a post-frontier region of the Ecuadorian Amazon. CIFOR Occasional Paper 138. Bogor, Indonesia: CIFOR.
- 2014 Swamy, V. and M. Pinedo-Vasquez. 2014. Bushmeat harvest in tropical forests: knowledge base, gaps and research priorities. CIFOR Occasional Paper 114. Bogor, Indonesia: CIFOR.
- 2014 Gutierrez-Velez, V.H., M. Uriarte, R. DeFries, M. Pinedo-Vasquez, K. Fernandes, P. Ceccato, W. Baethgen, and C. Padoch. 2014. Land cover change interacts with drought severity to change fire regimes in Western Amazonia. *Ecological Applications*, 24(6): 1323-1340.
- 2014 Ming, T.L., A. Sigouin, M. Pinedo-Vasquez, and R. Nasi. 2014. The harvest of wildlife for bushmeat and traditional medicine in East, South and Southeast Asia. CIFOR Occasional Paper 115. Bogor, Indonesia: CIFOR
- 2014 Padoch, C., A. Steward, M. Pinedo-Vasquez, L. Putzel, and M. Miranda-Ruiz. 2014. Urban residence, rural employment, and the future of Amazonian forests. In: S. Hecht, K. Morrison and C. Padoch (eds). *The Social Lives of Forests*. Chicago: The University of Chicago Press.
- 2014 Sears, R. and M. Pinedo-Vasquez. 2014. From fallow timber to urban housing: Family forestry and tablilla production in Peru. In: S. Hecht, K. Morrison and C. Padoch (eds). *The Social Lives of Forests*. Chicago: The University of Chicago Press.

- 2014 Putzel, L., P. Cronkleton, A. Larson, M. Pinedo-Vasquez, O. Salazar, and R. Sears. 2014. Peruvian smallholder production and marketing of bolaina (*Guazuma crinita*), a fast-growing Amazonian timber species. Bogor, Indonesia: CIFOR.
- 2013 Pineda-Catalan, O., S.L. Perkins, M. A. Peirce, R. Engstrand, C. Garcia-Davila, M. Pinedo-Vasquez and A. Aguirre. 2013. Revision of Hemoproteid genera and description and redescription of two species of Chelonian Hemoproteid parasites. *The Journal of Parasitology* vol. 99(6): 1089-1098.
- 2013 Powell, B., A. Ickowitz, R. Jamnadass, S. McMullin, R. Nasi, C. Padoch, M. Pinedo-Vasquez and T. Sunderland. 2013. The role of forests, trees and biodiversity in nutrition-sensitive food and agriculture systems. *Annals of Nutrition and Metabolism*, 63.
- 2013 Powell, B., A. Ickowitz, R. Jamnadass, S. McMullin, R. Nasi, C. Padoch, M. Pinedo-Vasquez and T. Sunderland. 2013. The role of forests, trees and biodiversity in nutrition-sensitive food and agriculture systems. Geneva, Switzerland: FAO and WHO.
- 2012 Pineda-Catalan, O., M. Mendez, A. Gleizer, C. Garcia-Davila, A. Aguirre, M. Pinedo-Vasquez and G. Amato. 2012. Conservation genetics of harvested river turtles, *Podocnemis expansa* and *Podocnemis unifilis*, in the Peruvian Amazon: all roads lead to Iquitos. *Mitochondrial DNA*, 23(3): 230-238.
- 2012 Troster, R.L., J.A. Parrota, M. Agnoletti, V. Bocharnikov, S. A. Feary, M. Gabay, C. Gamborg, J. Garcia Latorre, E. Johann, A. Laletin, L.H. Fui, A. Oteng-Yeboah, M. Pinedo-Vasquez, P.S. Ramakrishnan, and Y. Yeo-Chang. 2012. The unique character of traditional forest-related knowledge: threats and challenges ahead. Springer Netherlands.
- 2012 Uriarte, M., M. Pinedo-Vasquez, R. DeFries, K. Fernandes, V. Gutierrez-Velez, W. Baethgen and C. Padoch. 2012. Depopulation of rural landscapes exacerbates fire activity in the Western Amazon. *PNAS*, 109(52): 21546-21550.
- 2011 Pinedo-Vasquez, M., M. Ruffino, E. Brondizio, and C. Padoch. 2011. The Amazonian Varzea: The decade past and the decade ahead (a book). Springer/NYBG.
- 2011 Pinedo-Vasquez, M. and R. Sears. 2011. Varzea Forests: Multifunctionality as a resource for conservation and sustainable use of biodiversity. In: Pinedo-Vasquez M., M. L. Ruffino, Brondizio E. and C. Padoch (eds.). Springer/NYBG Press.
- 2011 Fernandes, K., W. Baethgen, S. Bernardes, R. DeFries, D. G. De Witt, L. Goddard, W. Lavado, D.E. Lee, C. Padoch, M. Pinedo-Vasquez, and M. Uriarte. 2011. North Tropical Atlantic influence on western Amazon fire season variability. *Geophysical Research Letters*, 38.
- 2011 Pinedo-Vasquez, M., S. Hecht, and C. Padoch. 2011. Amazonia. In: Parrota J.A. and R.L. Troster (eds), *Traditional Forests-Related Knowledge: Sustaining Communities, Ecosystems and Biocultural Diversity*. Springer
- 2011 Pinedo-Vasquez, M. and L. Davalos. 2011. The river-refuge hypothesis and other contributions of Marcio Ayres to conservation science. In: Pinedo-Vasquez M., M. L. Ruffino, Brondizio E. and C. Padoch (eds.), *The Amazonian Varzea: The decade past and the decade ahead*. Springer/NYBG Press.

- 2011 Sears, R.R., and M. Pinedo-Vasquez. 2011. Forest policy reform and the organization of logging in Peruvian Amazonia. *Development and Change*, 42(2): 609-631
- 2009 Pinedo-Vasquez, M. & C. Padoch. 2009. Urban and rural and in-between: Multi-sited households, mobility and resource management in the Amazon floodplain, pp: 86-96. In: M. Alexiades (ed.), *Mobility, displacement and migration*. Kent: Kent University Press.
- 2008 Putzel, L., C. Padoch, and M. Pinedo-Vasquez. 2008. The Chinese timber and the logging of the Peruvian Amazon. *Conservation Biology* (online) URL: <http://www3.interscience.wiley.com/journal/120122721/issue>
- 2008 Padoch, C., E. Brondizio, S. Costa, M. Pinedo-Vasquez, R.R. Sears, and A. Siqueira. 2008. Urban forest and rural cities: Multi-site households, consumption patterns, and forest resources in Amazonia. *Ecology and Society*, 13(2): 2.
- 2008 Padoch, C., M. Pinedo-Vaquez, and A. Roberts. 2008. Process in an eventful environment. In: Walters B.B., McCay B.J. West P. and S. Lees (eds), *Against the Grain: The Vayda Tradition in Human Ecology and Ecological Anthropology*.
- 2007 Sears, R., C. Padoch, and M. Pinedo-Vasquez. 2007. Amazon forestry transformed: Integrating knowledge for smallholder forestry in eastern Brazil. *Human Ecology*, 35: 697-707.

LANGUAGES

Spanish	Native
English	Advanced
Portuguese	Advanced
Indonesian	Intermediate
French	Intermediate
Italian	Intermediate