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**Curriculum Vitae**  
**FAUSTO O. SARMIENTO, Ph.D.**

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Department of Geography	<a href="http://geography.uga.edu/directory/profile/sarmiento-fausto-o/">http://geography.uga.edu/directory/profile/sarmiento-fausto-o/</a>	
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Director, <i>Neotropical Montology Collaboratory</i>	<a href="https://research.franklin.uga.edu/Montology/">https://research.franklin.uga.edu/Montology/</a>	

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**Professional Research Interests**

*Mountain Geography* (human dimension of global change in the Andes); *Critical Biogeography* (tropical geocology theory and human drivers of landscape change); *Cultural Landscapes* (resource management, sacred sites and sustainable development); *Ethnoecology and Agrobiodiversity Conservation* (restoration ecology, farmscape transformation and sustainability); *Education Administration* (museumology and international education).

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**Education**

**Ph.D.** 1996. **The University of Georgia**, Athens, GA. Landscape Ecology  
*Dissertation:* Seed dispersal and forest regeneration in Tropicandean landscapes of Ecuador  
(*Advisor:* C. Ronald Carroll).

**M.Sc.** 1991. **The Ohio State University**, Columbus, OH. Tropical Ecology  
*Thesis:* Habitat fragmentation and conservation of Ecuadorian remnant mountain forests in the Andes (*Advisor:* Paul A. Colinvaux).

**B.Sc.** 1988. **Pontifical Catholic University of Ecuador**, Quito. Biology  
*Thesis:* Habitat selection of Andean lapwings (*Vanellus resplendens*) in three areas of the Cotopaxi National Park, Ecuador (*Advisor:* Tjitte de Vries)

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**Employment History**

**Academic Research and Teaching**

2012-present Full Professor. Department of Geography, UGA.  
2007-2012 Associate Professor with tenure. Department of Geography, UGA  
2005-2007 Assistant Professor. Department of Geography, UGA  
2003-2005 Assistant Professor. School of Environmental Design, UGA  
2000-2002 Assistant Professor. Department of Geography, UGA  
1996-1997 Post Doc. Prof. Eugene Odum, Institute of Ecology, UGA.  
1988-1996 Graduate Research and Teaching Assistantships, OSU and UGA.  
1986-1988 Instructor. Department of Geography, Catholic University. Quito. PUCE

**Academic and Professional Administration**

2002-2005 Director, Office of International Education, UGA  
2000-2002 Co-Director, Center for Latin American and Caribbean Studies, UGA.  
1999-2000 Associate Director, Center for Latin American and Caribbean Studies, UGA.  
1998-1999 Assistant Director, Center for Latin American and Caribbean Studies, UGA.  
1997-1998 Program Coordinator, Center for Latin American and Caribbean Studies, UGA.  
1986-1988 Executive Director. Ecuadorian Museum of Natural Sciences, Quito. MECN  
1982-1986 Head, Dept. of Education and Exhibits, Ecuadorian Museum of Natural Sciences.  
1982-1986 Independent Consultant. Environmental Consultancy. AECOTAL. Quito.

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## List of Publications (\* invited contributions, student coauthor)

### Peer-reviewed journal articles

- Cheddadi R., A. Henrot, L. François, F. Boyer, M. Bush, M. Carré, E. Coissac, P. De Oliveira, F. Ficetola, A. Hambuckers, K. Huang K, A.M. Lézine, M. Nourelbait, A. Rhoujjati, P. Taberlet, F.O. Sarmiento, D. Abel-Schaad, F. Alba-Sánchez and Z. Zheng. 2017. Microrefugia, Climate Change, and Conservation of *Cedrus atlantica* in the Rif Mountains, Morocco. *Frontiers of Ecology and Evolution* 5(114): 1-15.
- Sarmiento, F.O., J.T. Ibarra, A. Barreau, J.C. Pizarro, R. Rozzi, J.A. González & L.M. Frolich. 2017. Applied Montology Using Critical Biogeography in the Andes. *Annals of the Association of American Geographers* 107(2): 416-428. (Special issue on Mountains).
- \*Sarmiento, F.O. 2016. Identity, imaginaries and ideality: understanding the biocultural landscape of the Andes through the iconic Andean lapwing (*Vanellus resplendens*). *Revista Chilena de Ornitología* 22(1): 38-50
- \*Ives, J.D., B. Messerli & F.O. Sarmiento. 2016. Obituary for a Mountain Champion: Lawrence Hamilton, 1925-2016. *Mountain Research and Development* 36(4): 569-570.
- \*Sarmiento, F.O. 2013. Ruinas Reificadas: El revivir indígena, los paisajes culturales y la conservación de sitios sagrados. *Revista Parques* (1): 1-14.
- \*Sarmiento, F.O. & L. Frolich. 2012. From mindscapes to worldsapes: Navigating the ever-changing topography of sustainability. *Journal of Sustainability Education* (3): 1-3.
- Carter, L.E. and F.O. Sarmiento. 2011. Cotacacheños and Otavaleños: Local Perceptions of Sacred Sites for Farmscape Conservation in Highland Ecuador. *Journal of Human Ecology* 35(1): 61-70.
- Sarmiento, F.O. and D.R. Butler. 2011. Where Do Mountain Geographers Publish? Disciplinary Trends and Career Development Choices. *Mountain Research and Development* 31(1): 61-67.
- Sarmiento, F.O. 2010. The Lapwing in Andean Ethnoecology: Proxy for Landscape Transformation. *The Geographical Review* 100(2): 229-245.
- Sarmiento, F.O. 2010. Obituary for a Mountain Man: Robert Rhoades. *Mountain Research and Development*. 30(2):188.
- \*Gordon, B., Sarmiento, F.O., Jones, J. and R. Russo. 2010. Sustainability Education in Practice: Appropriation of Rurality by the Global Migrants of Costa Rica. *Journal of Sustainability Education* 1(1): 116-135.
- \*Menhard, D. and F.O. Sarmiento. 2010. Landscape Transitions: Integration of Pedagogical Approaches for Sustainability in Tropical American Mountain Communities. *Journal of Sustainability Education* 1(1): 113-115.
- Gonzalez, J.A., F.O. Sarmiento and J.L. Minetti. 2008. Cambios Globales en el Noroeste Argentino (21°-32° S) con Referencias a la Provincia más Pequeña de Argentina: Tucumán. *Pirineos* 163: 51-62.
- \*Sarmiento, F.O. 2008. Andes Mountains and Human Dimensions of Global Change: An Overview. *Pirineos* 163: 7-13.
- Mahmud, A. and Sarmiento, F.O. 2008. Changing the role of rural women in Punjab province, Pakistan. *Geographische Rundschau* 4(2): 4-9.
- \*Sarmiento, F.O. 2005. Ethnoecology of the tropical Andes: Avian indicators of landscape change in highland Ecuador. *Pirineos* 160: 87-119.
- Pugh, J. and F.O. Sarmiento. 2004. Selling the public on sustainable watershed conservation. *Bulletin of Latin American Research* 23(3): 322-337.
- Chaurette, E., F.O. Sarmiento and J. Rodríguez. 2003. A protected landscape candidate in the Tropical Andes of Ecuador. *Parks* 13(2): 42-51.

- \*Sarmiento, F.O. 2002. Gerardo Budowski: A beacon to conservation of tropical mountains. *Mountain Research and Development* 22(2): 197-198.
- Sarmiento, F.O. 2002. Impulsores de cambio del paisaje: dinámica de las líneas de árboles en la montología neotropical. *Ecotrópicos* 15(2): 129-146. [Drivers of landscape change: Treeline dynamics in neotropical montology]
- Sarmiento, F.O. 2002. Anthropogenic landscape change in highland Ecuador. *The Geographical Review* 92(2): 213-234.
- Sarmiento, F.O. and L. Frolich. 2002. Andean cloud forest treelines: Naturalness, agriculture and the human dimension. *Mountain Research and Development* 22(3): 278-287.
- Sarmiento F.O. 2001. Les enjeux de la recherche sur les montagnes en matière de terminologie et de connaissances: application à l'espace andin. *Revue de Géographie Alpine* 89(2): 73-77. [Lexical and cognitive issues for mountain research: A need to understand Andean landscapes]
- \*Sarmiento, F.O. 2000. Human impacts in man-aged tropandean landscapes: Breaking mountain paradigms. *Ambio* 29(7): 423-431.
- Sarmiento, F.O. 1999. To Mt. Chimborazo: in the steps of Alexander von Humboldt. *Mountain Research and Development* 19(2): 77-78.
- Myster, R. and F.O. Sarmiento. 1998. Seed inputs to microsite patch recovery on two Tropandean landslides in Ecuador. *Restoration Ecology* 6(1): 1-10.
- Sarmiento, F.O. 1997. Arrested succession in pastures hinders regeneration of Tropandean forests and shreds mountain landscapes. *Environmental Conservation* 24(1): 14-23.
- \*Sarmiento, F.O. 1997. Landscape regeneration by seeds and successional pathways to restore fragile Tropandean slopes. *Mountain Research and Development* 17(3): 239-252.
- Sarmiento, F.O. 1997. The birthplace of ecology: Tropandean ecoregion of Ecuador, an endangered landscape. *Environmental Conservation* 24(1): 3-4.
- Sarmiento, F.O. 1995. The birthplace of ecology. *Bulletin of the Ecological Society of America* 76(2): 104-105.
- \*Sarmiento, F.O. 1994. Human impacts on the cloud forests of the Upper Guayllabamba River, Ecuador. *Ecological Studies* 110: 284-295.

### **Books**

- Sarmiento, F.O. & S. Hitchner. (editors). 2017. *Indigeneity and the Sacred: Indigenous Revival and the Conservation of Sacred Natural Sites in the Americas*. Berghahn Books New York. 266pp.
- Sarmiento, F.O. 2012. *Contesting Páramo: Critical Biogeography of the Northern Andean Highlands*. Kona Publishing. Higher Education Division. Charlotte, NC. 150pp.
- \*Sarmiento, F.O. (editor). 2003. *Las Montañas del Mundo: Una prioridad global con perspectivas latinoamericanas*. Editorial Abya-Yala, Quito: 669pp. [Mountains of the World: A global priority with Latin American perspectives]
- \*Sarmiento, F.O. and J. Hidalgo (editores). 1999. *Desarrollo Sustentable de Montañas: Entendiendo las interfaces ecológicas para la gestión de los paisajes culturales en los Andes*. Memorias del III Simposio Internacional AMA. Editorial Corporación Editora Nacional. Quito: 406 pp. [Sustainable Mountain Development: Understanding ecological interfaces for the management of Andean cultural landscapes]
- Sarmiento, F.O. 1987. *Antología Ecológica del Ecuador: desde la selva hasta el mar*. Casa de la Cultura Ecuatoriana. Quito: 382 pp. [Ecological Anthology of Ecuador: from the jungle to the sea]
- Sarmiento, F.O. 1982. *Ecología y sus leyes*. Instituto Nacional de Estadística y Censos. Quito: 65pp. [The laws of Ecology]

### **Reference and Textbooks**

- \*Debarbieux, B., S. Brunel, H. Gumuchian, PS. Ramakhrishnan, V. Pototskaya and F.O. Sarmiento. 2008. *Enfants des Montagnes du Monde*. Editorial Glenat: Grenoble. 160pp. [Children of the Mountains of the World]
- \*Naveh, Z., A. Lieberman, F. O. Sarmiento and C. Ghera. 2002. *Ecología de Paisajes. Teoría y Aplicación. Edición de estudiantes*. Editorial Universitaria de Buenos Aires, EUDEBA. Argentina. Buenos Aires: 571pp. [Landscape Ecology: theory and application. Students' edition]. Translation and adaptation with new text and local examples to Latin American audiences.
- \*Sarmiento, F. O. 2001. *Diccionario de Ecología de Paisajes, Conservación y Desarrollo Sustentable para Latinoamérica*. Editorial Abya-Yala. Quito: 226pp. [Dictionary of Landscape Ecology, Conservation and Sustainable Development for Latin America] < <http://www.ensayistas.org/critica/ecologia/diccionario/>>
- \*Odum, E. P. and F. O. Sarmiento. 1998. *La Ecología: el puente entre ciencia y sociedad*. Editorial McGraw-Hill Interamericana de México. México, DF: 343pp. [Ecology: the bridge between science and society]. Translation and adaptation with new text and local examples to Latin American audiences.
- Sarmiento, F. O. 1991. (Updated edition) *Diccionario Ecológico Energético Ecuatoriano* for the III International Workshop on Environmental Journalism. The Conservation Trust of Puerto Rico, San Juan, PR: 186pp. [Ecuadorian Ecological/Energy Dictionary]
- Sarmiento, F. O. 1986. *Diccionario Ecológico Energético Ecuatoriano*. Editorial Unión Nacional de Periodistas. Quito: 186pp. [Ecuadorian Ecological/Energy Dictionary]
- \*Sarmiento, F.O., Oviedo, G., Trávez, G. and Y. Céleri. 1985. *Guías Didácticas de Educación Ambiental*. Nivel Primario. 3 Tomos. Fundación Natura. Ed. Mantilla Hnos. Quito: 234pp. [Environmental education teaching guides]

### Book chapters

- \*Sarmiento, F.O. 2017. Syncretic farmscape transformation in the Andes: an application of Borsdorf's religious geographies of the Andes. Pp.35-53. In: Sanchez, R., Hidalgo, R. and Arenas, F. (Editors). *Re-conociendo las geografías de América Latina y el Caribe*. Pontifical Catholic University of Chile, Santiago.
- \*Sarmiento, F.O. 2016. Neotropical Mountains Beyond Water Supply: Environmental Services as a Trifecta of Sustainable Mountain Development. Pp. 309-324. In: Greenwood, G. & J. Shroder (editors). *Mountain Ice and Water: Investigations of the hydrologic cycle in alpine environments* Elsevier. New York.
- \*Resler, L. and F.O. Sarmiento. 2016. *Mountain Geographies*. Oxford Bibliographies in Geography. Ed. Barney Warf. New York: Oxford University Press.
- \*Sarmiento, F.O. 2015. On the Antlers of a Trilemma: Rediscovering Andean Sacred Sites. Chapter 5. In: Rozzi, R., S.T.A. Pickett, J. B. Callicot, F. S. T. Chapin III, M.E. Power and J.J. Armesto (editors). *Earth Stewardship: Linking Ecology and Ethics in Theory and Practice*. New York: Springer.
- \*Frolich, L., P. Aguirre and F.O. Sarmiento. 2015. Cuatro mitologías binarias aplicadas a la sustentabilidad de vida urbana: El caso de la ciudad de Ibarra, Ecuador. Pp35-52. In: Aguirre, P. (Ed). *Sustentabilidad: Principios y Prácticas*. Cuvillier Verlag, Göttingen, Germany.
- \*Sarmiento, F.O. and X. Viteri O. 2015. Discursive Heritage: Sustaining Andean Cultural Landscapes Amidst Environmental Change. Taylor, K., A. St Clair & N.J. Mitchell (Eds). *Conserving Cultural Landscapes: Challenges and New Directions*. Routledge, New York.
- \*Sarmiento, F.O., E. Bernbaum, J. Lennon and J. Brown. 2015. Managing cultural heritage. In: Worboys, G. et al (editors). *UCN's Global Guide for Protected Area Management*. E-Book. Earthscan. Sydney, Australia.

- \* Sarmiento, F.O. 2013. Lo Andino: Integrating Stadel's views into the larger Andean identity paradox for sustainability. In: Borsdorf, A. (Editor). *Christopher Stadel Festschrift*. Innsbruck. Austrian Academy of Sciences.
- \*Sarmiento, F.O., R. Russo & B. Gordon. 2013. Tropical Mountains Multifunctionality: Dendritic Appropriation of Rurality or Rhyzomic Community Resilience as Food Security Panacea. Pp. 55-66. In: Pillarisetti, J.R., R. Lawrey & A. Ahmad (editors) *Multifunctional Agriculture, Ecology and Food Security: International Perspectives*. New York: Nova Science Publishers.
- \*Sarmiento, F.O. 2013. Paisaje Cultural Patrimonial del Ecuador: Una Categoría de Manejo Territorial. pp. 31-43. In: Ministerio de Cultura y Patrimonio (Editor). *Paisajes Culturales: Reflexiones Conceptuales y Metodológicas*. Memorias del I Encuentro de Expertos. Cuenca, Ecuador.
- \*Sarmiento, F.O. 2011. Sustainability and the Biosphere Reserve: A compromise between Biodiversity, Conservation and Farmscape Transformation. Pp: 19-23. In: Austrian MAB Committee (editors). *Biosphere Reserves in the Mountains of the World. Excellence in the Clouds? An Austrian contribution to the 40th anniversary of UNESCO's MAB Programme*. Austrian Academy of Sciences Press: Vienna. 120pp.
- \*Sarmiento, F.O. 2010. Geomorphology of Natural and Human Induced Disasters in Ecuador. Pp 156-163. In: Latrubese, E. (editor). *Natural Hazards and Human-Exacerbated Disasters in Latin America*. Volume 13: Special Volumes in Geomorphology. Elsevier Science. 510pp.
- Sarmiento, F.O. 2009. Páramo: Language Hegemony and Politics of Translation in Andean Prehensive Environments and Conservation Implications. Pp: 89-95. In: Victor, R (editor). *Mountains of the World: Ecology, Conservation and Sustainable Development*. Sultan Qaboos University. Muscat, Oman. 256pp.
- \*Sarmiento, F.O., C. Cotacachi and L. E. Carter. 2008. Sacred Imbakucha: Intangibles in the Conservation of Cultural Landscapes in Ecuador. Pp. 125-144, In: Josep M. Mallarach (editor). *Cultural and Spiritual Values of Protected Landscapes*. Volume 2 in the series, Protected Landscapes and Seascapes. IUCN and GTZ. Kaspereg Verlag, Heidelberg. 207pp.
- \*Sarmiento, F.O. 2008. Participer Aux Travaux. Pp.87-113. In: B. Debarbieux et al. (editors). *Enfants des Montagnes du Monde*. Editorial Glénat. Grenoble: France. 160pp.
- \*Sarmiento, F.O. 2008. Agrobiodiversity in the farmscapes of the Quijos River in the Tropical Andes, Ecuador. Pp 22-30. In: Amend, T, J. Brown, A. Kothari, A. Phillips and S. Stolton. (editors). *Protected Landscapes and Agrobiodiversity Values*. Volume 1 in the series, Protected Landscapes and Seascapes. IUCN and GTZ. Kaspereg Verlag, Heidelberg. 139pp.
- \*Sarmiento, F.O. 2007. (With Mallarach, J.M., J. Morrison, A. Kothari, J.A. Atauri and B. Wishitemi) In defense of protected landscapes: A reply to criticisms of category V and suggestions for improvement. Pp37-42. In: Dudley, N. and S. Stolton (editors). *Defining Protected Areas: An International Conference in Almeria, Spain*. IUCN- Gland. 176pp.
- \*Sarmiento, F.O. 2007. Paisajes culturales e identidad latinoamericana. *Memorias del II Encuentro Cultural Latinoamericano* (8pp MS). Instituto de Patrimonio Cultural. Ciudad Bolívar, Venezuela. 79pp. [Cultural Landscapes and Latin American Identity: Proceedings of the II Latin American Cultural Encounter]
- Sarmiento, F.O. 2006. Andean Treeline dynamics and the human dimension of landscape change in the Andes. Pp 233-234. In: Price, M. (editor). *Global Change in Mountain Regions*. Sapiens Publishing: Wiltshire, UK. 398pp.
- \*Sarmiento, F.O., G. Rodríguez and A. Argumedo. 2005. Cultural landscapes of the Andes: Indigenous and colono culture, traditional knowledge and ethno-ecological heritage. Pp: 143-156. In: Brown, J., N. Mitchel and M. Beresford (editors). *The Protected*

- Landscape Approach: Linking Nature, Culture and Community*. World Conservation Union IUCN: Gland and Cambridge: 262pp.
- \*Sarmiento, F.O., E.O. Box and E. L. Usery. 2004. GIScience and tropical mountains: A challenge for geocological research. Pp: 289-307. In: Bishop M.P. and J.F. Shroder Jr. (editors). *Geographic Information Science and Mountain Geomorphology*. Springer-Praxis Publishing Ltd.: Chichester, UK and Germany: 486pp.
  - \*Sarmiento, F.O. 2003. Protected landscapes in the Andean context: workshping the sacred in nature and culture. Pp.: 239-249. In: Harmon, D., and A. Putney (editors). *The Full Value of Parks*. Rowman & Littlefield Publishing Group. Lanham, MA: 347 pp.
  - \*Sarmiento, F.O. and J.J. Hidalgo. 2003. Las Montañas Latinoamericanas: Una Prioridad Regional. Pp. 37-41. En: Sarmiento, F.O. (editor). *Montañas del Mundo: Una Prioridad Global con Perspectivas Latinoamericanas*. Editorial Abya-Yala, Quito: 669pp. [Human impact on tropandean landscapes. In: Mountains of the World: a global priority with Latin American perspectives]
  - \*Sarmiento, F.O. and L. Frolich. 2003. Impacto humano en los paisajes tropandinos. Pp. 561-580. En: Sarmiento, F.O. (editor). *Montañas del Mundo: Una Prioridad Global con Perspectivas Latinoamericanas*. Editorial Abya-Yala, Quito: 669pp. [Human impact on tropandean landscapes. In: Mountains of the World: a global priority with Latin American perspectives]
  - \*Sarmiento, F.O. 2002. La mejor práctica de manejo para conservación es la Categoría V. Pp. 43-52. En: Bandarín, F. (editor). *Paisajes Culturales en Mesoamérica*. UNESCO-Centro de Patrimonio Mundial. San José: 203pp. [Category V as the best management practice for conservation. In: Mesoamerican Cultural Landscapes]
  - \*Sarmiento, F.O. 2001. Worshipping the sacred in nature and culture in protected landscapes of the Andes. Pp. 63-67. In: *UNESCO thematic expert meeting on Asia-Pacific Sacred Mountains*. World Cultural Center, Agency for Cultural Affairs of Japan, Wakayama Prefecture Government. Wakayama City: 310pp.
  - \*Sarmiento, F.O. 2001. Biodiversidad de los paisajes culturales de la ecorregión tropandina. Pp: 108-109. En: Primack R., R. Rozzi., P. Feissinger, R. Dirzo and F. Massardo (editors). *Fundamentos de Conservación Biológica: Perspectivas Latinoamericanas*. Fondo de Cultura Económica. México DF: 796pp. [Biodiversity of the cultural landscapes of the tropandean ecoregion. In: Fundamentals of Biological Conservation]
  - \*Sarmiento, F.O. 2001. Ecuador. Pp 497-548. In: Kapelle, M. and A. Brown. *Bosques Nublados del Neotrópico*. National Institute of Biodiversity (InBIO): San José, Costa Rica. 698pp. [Ecuador. In: Neotropical Cloud Forests]
  - \*Sarmiento, F.O. 2000. Restoration of Andean Montane Forests for Conservation and Development. Pp. 59-69. In: Price, M. and N. Butt (editors). *Forests in Sustainable Mountain Development: A State of Knowledge Report for 2000*". IUFRO. CABI Publications. Oxford: 590pp.
  - \*Sarmiento, F.O. 2000. Prólogo y artículo: Los Desafíos de la Ecología en Latinoamérica en el Próximo Milenio. Pp. 43-48. En: Jiménez, P. (editor). *Ecología y Desarrollo Sostenible: Reto de América Latina para el Tercer Milenio*. Memorias del IV Congreso Latinoamericano de Ecología. Instituto Regional de Ciencias Ambientales, UNSA, Arequipa. 284pp. [Prologue and article: The challenges of Ecology in Latin America in the next millennium. In: Sustainable development and ecology: the challenge for Latin America into the next millennium].
  - Sarmiento, F.O. 2000. Lexical and cognitive issues for mountain research: A need to understand Andean landscapes? Pp.-101-105. In: Debarbieux, B. and F. Guillet (editors). *Mountain regions: A research subject?* International Mountain Research Workshop. Autrans. 234pp.

- \*Sarmiento, F.O. 1999. Terminología ecológica unificada para conservación y desarrollo sustentable de América Latina. Pp. 265-268. En: Sarmiento, F.O. and J. Hidalgo (editores). *Desarrollo Sustentable de Montañas: Entendiendo las interfaces ecológicas para la gestión de los paisajes culturales en los Andes*. Memorias III Simposio Internacional AMA. Corporación Editora Nacional. Quito: 406 pp. [Ecological terminology unified for conservation and sustainable development of Latin America. In: Sustainable Mountain Development: Understanding ecological interfaces for the management of Andean Cultural Landscapes].
- \*Sarmiento, F.O. 1997. Restauración de paisajes Tropandinos: el desafío para la conservación de áreas frágiles en los Andes Tropicales. Pp 375-383. In: Liberman, M. and C. Baeid (editores). *Desarrollo sostenible de ecosistemas de montaña: Manejo de áreas frágiles en los Andes*. UNU-PL-480. La Paz: 473pp. [Restoration of Tropandean landscapes: a conservation challenge for fragile areas in the tropical Andes. In: Sustainable development of mountains: managing Andean fragile areas]
- \*Sarmiento, F.O. 1995. Restoration of Equatorial Andes: The challenge for conservation of tropandean landscapes. pp. 637-651 In: *Biodiversity and Conservation of Neotropical Montane Forests*. Churchill, S., H. Balslev, E. Forero and J. Luteyn (editors). The New York Botanical Garden. Bronx, NY: 702pp.
- \*Sarmiento, F.O. 1993. Human impacts on the cloud forests of the upper Guayllabamba river basin, Ecuador, and suggested management responses. pp. 183-190. In: *Tropical Montane Cloud Forests*. Hamilton, L., J.Juvik and F. Scatena (editors). The East West Center. Honolulu: 284pp.

#### **Guest editor**

- \*Sarmiento, F.O. 2012. Geography and Sustainability. *Journal of Sustainability Education*, 3.
- \*Sarmiento, F.O. 2008. Farmscape Transformation and Andean Global Change. *Pirineos* 163.
- \*Sarmiento, F.O. (among others). 2002. *The Abisko Agenda: Research for Mountain Area Development*. Rethinking Agenda 21, Chapter 13: Managing Fragile Ecosystems; Sustainable Mountain Development. The Royal Swedish Academy of Sciences, *Ambio Special Report 11*.
- \*Sarmiento, F.O. and T. Wachs. 2000. Special Issue on cultural landscapes. *Mountain Research and Development* 20(3).
- \*J. Brown, N. Mitchell and F.O. Sarmiento. 2000. Landscape Stewardship: New directions in conservation of nature and culture. Special Issue. *George Wright Forum* 17(1).
- \*Sarmiento, F.O. 1998. Entendiendo las interfaces ecológicas de los paisajes culturales en los Andes. *Geografía Aplicada y Desarrollo* 37. [Understanding ecological interfaces of Andean cultural landscapes]
- \*Sarmiento, F.O. 1997. Special Issue Mountain Protected Areas. *George Wright Forum* 14(3).

#### **Book reviews**

- \*Sarmiento, F.O. 2016. Engineering Mountain Landscapes: An Anthropology of Social Investment. *American Indian Culture and Research Journal* 40(2): 157-159.
- \*Sarmiento, F.O. 2014. Bolivia in a world four degrees warmer: Sociopolitical Scenarios Under Climate Change for the Northern Altiplano in the Years 2030 and 2060. *Mountain Research and Development* 34(4): 418-419
- \*Sarmiento, F.O. 2014. Mountain Geography: Physical and Human Dimensions. *Mountain Research and Development* 34(2): 179-180.
- \*Sarmiento, F.O. 2009. The Darkening Peaks. *Ecological Anthropology* 5(1)
- \*Sarmiento, F.O. 2008. Listening to the Mountains. *Ecological Anthropology* 4(1)
- \*Sarmiento, F.O. 2007. Páramos de Costa Rica. *Mountain Research and Development* 27(1): 95-97.

\*Sarmiento, F.O. 2006. Key Issues for Mountain Areas. *Mountain Research and Development* 26(3): 298-300.

#### **Non Peer-reviewed Journal Articles**

- \*Sarmiento, F.O. 2001. Mountain Regions: Sustained livelihood for an increasing population? Schwerpunkt: Berge. *Entwicklung Ländlicher Raum* 6: 16-18.
- \*Sarmiento, F.O., G. Rodríguez, M. Torres, A. Argumedo, M. Muñoz and J. Rodríguez. 2000. Andean stewardship: Tradition linking nature and culture in protected landscapes of the Andes. *The George Wright Forum* 17(1): 55-69. (Special issue on Protected Landscapes)
- Sarmiento, F., H. Romero and B. Messerli. 1999. The Andean Mountain Association, the International Geographical Union, and Alexander von Humboldt on Mount Chimborazo. *International Geographical Union Bulletin* 49(2): 161-164.
- \*Sarmiento, F.O. 1999. Los desafíos de la Ecología en América Latina en el próximo milenio. *Persona y Sociedad* 13(1): 12-18. [The challenges of ecology in Latin America in the next millennium]
- \*Sarmiento, F.O. 1998. Restauración de los hábitats críticos del paisaje tropandino ecuatoriano. *Geografía Aplicada y Desarrollo* 37: 63-86. [Restoration of critical habitats in Ecuadorian tropandean landscapes]
- \*Sarmiento, F.O. 1998. El valle del río Quijos: un paisaje cultural protegido como la mejor práctica de manejo para conservación y desarrollo de la ecorregión tropandina. *Geografía Aplicada y Desarrollo* 37: 41-51. [The Quijos river basin: a protected cultural landscape as the best management practice for conservation and development of the tropandean ecoregion]
- \*\*Sarmiento, F.O. 1997. Latin American Mountains Protected Areas: An Introduction. *The George Wright Forum* 14(3): 12-14. (Special issue on mountain protected areas).
- \*Sarmiento, F. O. 1997. The Quijos River Valley: A protected landscape as best management practice for conservation and development in Tropandean Ecuador. *The George Wright Forum* 14(3): 59-66. (Special issue on mountain protected areas).
- \*Sarmiento, F. O. 1995. Naming and knowing an Ecuadorian landscape: A Case Study of the Maquipucuna Reserve. *The George Wright Forum* 12(1): 15-22.
- \*Sarmiento, F. O. 1993. Words to live by... Términos ecológicos. *Business México* 3(1): 89-92. (Special issue on the environment).
- \*Sarmiento, F. O. 1992. Research in tropandean protected areas of Ecuadorian landscapes. *The George Wright Forum* 9 (3-4): 148-160.
- Sarmiento, F. O. 1988. Expedición científica a la laguna de Puruhanta. *Revista Geográfica* 25:7-28. [Scientific expedition to Puruhanta Lake].
- Sarmiento, F.O.1984. Comunicación y ecología. *Boletín de Informaciones Científicas Nacionales* 115: 39-43. [Communication and ecology]

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#### **Publications Forthcoming**

##### **Journal articles**

- Sarmiento, F.O. (Submitted). The Montology Manifesto. *Annals of the American Association of Geographers*.
- \*Sarmiento, F.O. (Submitted). Mocking Mountain Myths: Andean Paradoxes in Contriving Sacred Tropandean Landscapes Conservation. *Scottish Geographical Journal*.
- Rivera-Araya, M., M. Sánchez and F.O. Sarmiento. (Submitted). Plant use across space and time in pre-Columbian Costa Rica. *Vegetation History and Archaeobotany*.
- Fausto Sarmiento, José Tomás Ibarra, Antonia Barreau, Carla Marchant, Juan González, Segundo Oliva, Mario Donoso, Estefanía Palacios. (Submitted). *Mountain Research and Development* (Special Issue on Food Security)



- Sarmiento, F.O. (In prep). Cloud Forests Myths: Andean Paradoxes in Reifying Sacred Tropandean Landscapes Conservation. *International Journal of Nature, Culture and Religion*.
- \*Sarmiento, F.O. (in prep). Critical biogeography of Andean treelines: A synthetic and geocritical prospective of the Humboldtian paradigm. *Geobotany Studies*
- \*Sarmiento, F.O. (In prep). *Ruins Reified: Andean Sacred Mountains revisited*. Eco-Mont: The Journal of Mountain Protected Areas Research. Innsbruck. Austria.
- Camargo, J. and F.O. Sarmiento. (in prep). Geocriticism of culture/nature hybrids: the Andean Bear (*Tremarctos ornatus*) and critical biogeography tropes. *GeoHumanities*
- Sarmiento, F.O. (In prep). *Landscape appellations and inscape biogeographical tropes*. Landscape Journal.
- Sarmiento, F.O. (in prep). *Critical Biogeography of Mountains: a panoptic approach for the Neotropics*. Frontiers in Biogeography.
- Sarmiento, F.O. (In prep). Unpacking Montology: towards a unified mountain epistemology of altitudinal belts. Ecological gradients and vegetation. *Artic, Antarctic and Alpine Research*

### **Books**

- Sarmiento, F.O. Mountain Connectivity Conservation. Routledge: London (book proposal).

### **Book Chapters**

- Sarmiento, F.O. (Submitted). Sacred foods in Tropandean Landscapes: the case of the *Utawallu runakuna* of Northern Ecuador. In: Stevenson, A. et al. (eds). *Seeds for Mountain Futures*. World Agroforestry Center (ICRAF).
- González, J.A. and F.O. Sarmiento (Submitted). Revaluation of Quinoa Producers in the South American Andean Highlands. In: Stevenson, A. et al. (eds). *Seeds for Mountain Futures*. World Agroforestry Center (ICRAF).
- Holdridge, G., F.O. Sarmiento, S. Birch, B. Boley, (and 4 more). (Submitted). Feeding Futures Framed: Rediscovering Biocultural Diversity in Foods and Farming of the Americas. *International Handbook of Geography and Sustainability*. London: EE publisher
- \*Sarmiento, F.O., M. Bush, R. Cheddadi, A. Vázquez, G. Aguilar, E. Palacios, M. Donoso, A. Borrero and I. Khon. (In preparation). Microrefugia, Indicator Species and Community-based Conservation in Tropandean Mountainscapes: A Biocultural Approach for Natural Heritage Management of “El Collay” Protected Forest and Vegetation in Southeastern Ecuador. *Satoyama Initiative Thematic Review Vol. 4. United Nations University: Tokyo*.

### **Creative Publications**

- Sarmiento, F.O. 2013. A MACE for Geographers, or How to Write a Paper. Op-Ed. *AAG Newsletter of the Association of American Geographers*. November 2013.
- Sarmiento, F.O. 2011. Mountains and Green Economy. *Mountain Forum Bulletin*. 11(2): 2-5.
- Sarmiento E. and Sarmiento F. 2005. *Soul Ecology Vignettes*. Circle Gallery and Owens Library. University of Georgia. Athens. 56pp. [Trilingual — Spanish, English and Kichwa— exhibit on art and poetry in tropical mountains as an environmental education effort on the emotional geographies of the Andes].
- Sarmiento, F.O. 2005. Building Capacity for Mountain Protection. *Mountain Forum Bulletin* 5(1): 22.
- Sarmiento, F.O. (Editor). 1985. *Poesía Naturalista*. Memorias del Primer y Segundo Encuentro de Poesía Naturalista en el Ecuador. Casa de la Cultura Ecuatoriana. Quito: 78pp. [Nature Poetry: Proceedings of the First and Second National Poetry Encounters]
- Sarmiento, F.O. 1980-1986. Panorama Ecológico Ecuatoriano. *Revista Ecuatorial: Ecología y Turismo*. Ecuador (Quarterly magazine on nature conservation and protected areas)

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## Grants

### External

2016. NSF SubAward. VULPES: Vulnerability of Population Under Extreme Scenarios, \$180K/3years, from Belmont Forum grant for International Mountain Research €3.7M
2015. Coordinator Neotropical Montology Collaboratory initiative. \$4K/y/3years, from Department of Education National Resource Center grant to LACSI. \$2M
2012. Private Donor. Matching grant. International Conference on Indigenous Revival and Sacred Sites Conservation, Athens, GA. \$5K.
2012. New England Biolab Foundation. International Conference on Indigenous Revival and Sacred Sites Conservation. Athens, GA. \$3K
2012. Ministry of Heritage. Technical Study of Ecuadorian Heritage Cultural Landscape Designation. Quito, Ecuador. \$7K
2008. Mountain Research Initiative. Americas Cordilleras Transect (ACT) Network coordination. \$7K.
2007. Exposition Foundation/Latin American and Caribbean Studies Institute. Chronosequence Study Phase II. Earth University, Costa Rica. \$25K/3 years
2006. International Workshop on Mountain Connectivity Conservation. WCPA-Mountains. The Wilburn Foundation, The World Bank and IUCN. (Co-PI) \$12K
2006. Travel grant to Spain. Experts meeting on protected landscapes conservation. WCPA taskforce. IUCN/Department de Medi Ambient, Generalitat de Catalunya. \$3K
2006. Travel grant to Argentina to moderate a session in an international CONCORD meeting. Mountain Research Initiative-World Bank. \$2K
2006. Desk Review: Agave Landscape candidacy for UNESCO's World Heritage Center. \$1K
2006. International Human Dimension Program-Andean Network. IHDP-GPCC. \$5K
2005. Travel Grant Scotland. International Meeting. Mountain Research Initiative MRI. \$2.5K
2004. Fulbright International Education Administrator Program to Japan. CIEE. (PI) \$5K.
2001. International Workshop on Andean Landscapes. The Exposition Foundation (PI) \$8K.
2001. Graduate Research Travel Awards. Tinker Foundation (Co-PI), matching \$30K/3years.
2000. Ethnobotanical Sister Gardens Network. Exposition Foundation (Co-PI) \$85K/3years.
2000. Ethnobotanical Garden/Ethnobiology Congress. Exposition Foundation (PI) \$8K.
2000. Italian Committee for the International Year of Mountains (PI) \$20K/2years
1999. Mountains World Book Project. Swiss Development Corporation. (P.I.) \$35K/3years.
1999. Latino Families Ecology Course. Eugene P. Odum Foundation. (PI) \$7K.
1998. International Workshop and Publication. National Science Foundation. (PI) \$17K.
1998. Sustainable Mountain Development Symposium. United Nations University (PI) \$33K.
1998. Sustainable Mountain Development Symposium. Swiss Development Corp. (PI) \$33K.
1998. Sustainable Mountain Development Symposium. UNESCO (PI) \$10K.
1998. Mountain research workshop. FUNDACYT. (PI) \$5K.
1998. Ethnobotanical reserve in Baeza workshop. ECORAE. (PI) \$10K.
1997. Latin American Ethnobotanical Gardens Network. Exposition Foundation (Co-PI) \$32K/3years.
1997. Latin American Ethnobotanical Garden. Catherine Murphy Foundation (Co-PI), \$100K.
1995. Seed dispersal Dissertation Award. The Scott Neotropic Fund (PI) \$11K
1989. Birds of Ecuador. MacArthur Foundation-Academy of Natural Sciences (Co-PI) \$800K/4years
1988. Graduate training. LA County Museum of Natural History-Western Foundation (PI) \$22K/2years

### Internal

2016. Writing Intensive Program fellow. Teaching assistantship assigned for one semester.
2016. Online Learning Fellow. \$5.5K and 3 summer teaching assignments
2015. Center for Teaching and Learning: Reacting to the Past. \$1.5K
2014. Willson Center Research Cluster on Indigenous Foods and Fibers. \$3K
2013. Writing Fellow \$1K.
2012. President's Venture Fund. International Conference on Indigenous Revival and Sacred Sites Conservation. Athens. \$5K.
2012. Provost State of the Art Mini-Conference Program. International Conference on Indigenous Revival and Sacred Sites Conservation. \$5K.
2012. Willson Center for Humanities and Arts. International Conference on Indigenous Revival and Sacred Sites Conservation. \$5K.
2011. Center for Teaching and Learning. Senior Faculty Teaching Fellowship. \$2K.
2011. Willson Center Senior Faculty Research Fellowship. \$10K. (2 semester course releases)
2011. Willson Center Faculty Discussion Group. \$2K. Political Ecology of Indigenous Revival and Sacred Sites Conservation.
2010. Franklin College Travel Award. \$2,450. International Symposium on Climate Change and Mountains of the World, in Perth, Scotland.
2007. UGARF research grant. \$4,250. Páramo: language hegemonies and politics of translation in prehensive mountain environments. Costa Rica/Ecuador/Argentina.
2007. LACSI travel award. \$1,500. II Latin American Parks Congres. Bariloche, Argentina.
2005. Travel grant to Ecuador, to prepare a study abroad Geography course. Franklin College, CLACS and OIE. (PI) \$2.1K
- 2004-2005. Athletic Association International Assistantship to give to international students in financial need who will come to UGA to pursue environmental careers. (2004-2005) (PI) \$12K/year/2years
2004. Instructional Support and Development-Technology Allocation to built and equip facilities for webcast and distance education to our international campuses from Barrow Hall. (PI) \$37K
2003. Graduate School Assistantship to pay for a graduate student research assistant. (PI) \$10K
2002. International Faculty Development Fund for an on-line web-based ecological/literary reference '*Ensayo Hispánico*' site and web portal. (Co-PI) \$3K.
2002. International Faculty Development Fund for a prospective study abroad course. (PI) \$3K
2001. Graduate School Matching to Tinker Foundation (2001) to send UGA students on scouting research trips to Latin America. (Co-PI) \$30K/3years
2001. President's Venture Fund to organize an International Workshop on Montology. (PI) \$3K
2000. President's Venture Fund for the World Congress of Ethnobiology. (Co-PI) \$4K
2000. State of the Art Conference Funding. Latin American ethnobotanical sister garden network, within the 7<sup>th</sup> World Congress of Ethnobiology. (Co-PI) \$20K.
1999. School of Social Work to implement a Latino Family and social ecology course. (PI) \$4K
1998. International Academic Faculty Development Fund for an international event. (PI) \$3K
1998. President's Venture Fund for initiating a network of Latin American gardens. (PI) \$5K
1998. UGARF support for AMA symposium on Sustainable Mountain Development (PI) \$5K
1998. Franklin College Lottery program to purchase equipment for CLACS. (Co-PI) \$8K.
- 1998-2010. 7 UGARF international travel grants for a total of \$9K.

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### Awards and Commendations

2016. *Online Learning Fellow*. Center for Teaching and Learning. UGA
2015. *Inaugural Reacting To The Past (RTTP) Fellow*. Center for Teaching and Learning-Reacting to the Past. UGA.
2014. *Teacher of the Week*. Center for Teaching and Learning. September. UGA.

2013. *Senior Writing Fellow*. Center for Teaching and Learning. UGA.
2012. *Senior Teaching Fellow*. Center for Teaching and Learning. UGA.
2011. Member of the Teaching Academy. UGA.
2011. *Visiting scientist*. Institute of Mountain Research: Man and Environment (IGU) of the Austrian Academy of Sciences (ÖAM). Innsbruck, Austria.
2009. *Fulbright Scholar Ambassador*. Inaugural cohort 2009-2011. Institute of International Education (IIE) and Council of International Exchange of Scholars (CIES)
2007. *Faculty of the Year*. Student Government Association (GSA). The University of Georgia
2006. *Nomination* by the Pan American Geographic Studies and Research Center (CEPEIGE) to the “Geography Medal” of the Pan American Institute of Geography and History (IPGH).
2005. *Selected representative* of the International Human Dimension Program (IHDP) of the International Program on Global Change (IPCC) to the Science Advisory Board of the Mountain Research Initiative (MRI). Bern, Switzerland.
2005. *Career Development Faculty Award* for positive impact in graduate students’ career development and professional guidance. The University of Georgia’s Career Center.
2004. *International Juror*. International Prize for Conservation of Biodiversity in Iberoamerica. The BBVA Foundation awards €230,000 for Biodiversity Conservation. Madrid. Spain.
2004. *Fulbright Scholarship*. Japan-US program for International Education Administrators and Research Fellowship on Comparative Ethnoecology of the Fujiyama and Cotopaxi.
2003. *Career Development Faculty Award* for positive impact in graduate students’ career development and professional guidance. University of Georgia’s Career Center.
2002. *Diploma*. Advisor to CURO Symposium’s Best Student Paper Award. Social Sciences.
2001. *Research Accomplishment Award*. Mountain Geography Specialty Group, Association of American Geographers. New York.
2000. Award. Leadership Athens, Inc. Athens, Georgia
1999. *Outstanding Faculty of the Year*. Phi Beta Delta Honor Society for International Scholars.
1999. *Special Recognition Award*. Catholic Social Services, Athens, Georgia.
1998. *Award for Andean Sustainability*. Pan American Center for Geographical Research and Studies. CEPEIGE. Quito, Ecuador.
1998. *Distinción “La Tierra y su Gente”*. Santa Fé, Argentina.
1996. *Best Student Paper Award*. Applied Ecology. The Institute of Ecology, UGA.
1994. *Dissertation Award*. Scott Neotropic Fund. The Lincoln Park Zoological Society.
1988. *Meritorious Graduate Fellowship*. Los Angeles Museum of Natural History.
1987. *Directorship Recognition Award*. Ecuadorian Museum of Natural Sciences. Quito.
1985. *Mención Príncipe de Asturias*. Premio para Jóvenes Investigadores de la Naturaleza. Madrid. [Mention to the Prince of Asturias Prize for young nature investigators]

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### **Distinguished Lectures and Presentations**

2018. *Keynote Speaker*. Mountain forests and climate change. XII. Latin American Congress of Botany. Quito, Ecuador.
2018. *Keynote Speaker*. Mountains session. IGU Thematic Meeting: 100 years of the Institute of Geography of the Russian Academy of Sciences. Moscow, Russia.
2018. *Guest Speaker*. I Geography Congress of Ecuador. Pontific Catholic University, Quito.
2018. *Panel Member*. International Experts meeting on Vulnerability of Populations Under Extreme Scenarios. Guangzhou, China.
2017. *Poster presenter*. Chilean Ornithological Congress. Santa Cruz, Chile.
2017. *Guest Speaker*. Sacred Mountain Landscapes Conference. International Society for the Study of Religion, Science, and Culture. New York, New York.
2017. *Poster presenter*. International Congress of Biogeography. Tucson, Arizona

2017. *Guest Speaker*. International Experts meeting on Religion and Climate Change in Cross-Regional Perspective. Antonio Ruiz Montoya Jesuit University. Lima, Peru.
2017. *Panel Member*. International Experts meeting on Vulnerability of Populations Under Extreme Scenarios. Chefchaouen, Morocco.
2016. *Guest Speaker*. Mountain Myths: Explaining Critical Biogeography through Biocultural Heritage. Interpreting Mountains: Histories, Narratives, Geographies. American Historical Association. AHA. Atlanta, GA.
2015. *Guest Speaker*. Mountains of our Future Earth. Sacred mountains panel session. Perth, Scotland.
2014. *Keynote*. Padres e Hijos Dinner, Fanning Institute of Leadership. UGA. Athens.
2014. *Guest speaker*. Cultural Diversity, Food Systems and Traditional Livelihoods. 12<sup>th</sup> Session of the Permanent Forum on Indigenous Issues. FAO. Cuzco, Peru.
2013. *Guest speaker*. Cultural landscapes in an Andean context. International Experts Meeting on Cultural Landscapes. International Academy of Nature Conservation. Isle of Vim. Germany.
2012. *Guest Speaker*. International Conference on Cultural Landscapes: Preservation Challenges for the 21<sup>st</sup> Century. Rutgers University. Brunswick, NJ.
2012. *IGU envoy commissioner* for Mountain Response to Global Change to the Regional IGU Conference. Santiago, Chile.
2011. *Visiting Scientist and Speaker*. University of Innsbruck Geography Summer Seminar.
2010. *Workshop Keynote*. International Symposium on Global Change and the World Mountains. Mountain Research Initiative (MRI) Perth, Scotland.
2009. *Guest Speaker*. Deep Páramo: Ethnoecology for Andean Biodiversity Conservation. International Union of Biological Sciences (IUBS). Kirstenboch Gardens, South Africa.
2009. *Guest Speaker*. Connectivity Conservation in the Andes. Quebec Labrador Foundation, Atlantic Center for the Environment/Avia. Santiago de Chiquitos, Bolivia.
2007. *Keynote Speaker*. II Latin American Congress of Parks and Protected Areas. San Carlos de Bariloche, Argentina
2006. *Keynote Speaker*: International Workshop on Mountain Connectivity Conservation. The World Conservation Union. Papallacta, Ecuador.
2006. *Workshop Keynote*: Climate Change: Organizing the Science for the Americas Cordillera. Mountain Research Initiative. Mendoza, Argentina.
2004. *Guest Lecture*. II International Symposium on Cloud Forest Conservation and Development. Waimea, Hawai'i.
2003. *Eminent Scholar Lecture*. University of Salzburg Seminar. Austria.
2003. *Keynote Speaker*. Protected Landscapes workshop. World Parks Congress. South Africa.
2003. *Annual Distinguished Johnstone Lecturer*. State Botanical Garden of Georgia. Athens.
2001. *Keynote Speaker*. I Congress of Biodiversity in the Andes and the Amazon Basin. Cuzco, Peru.
2001. *Keynote Speaker*. First Humboldt Congress. PUCE. Quito, Ecuador.
1998. *Keynote Speaker*. IV Latin American Congress of Ecology. Arequipa, Peru.

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### **Affiliation to Professional Societies**

*Association of American Geographers*. Mountain Geography Specialty Group (MGSG)  
 Biogeography Specialty Group (BGSG). Latin America Specialty Group (LASG)  
*Chair, International Research and Scholar Exchange Committee*. 2013-16.  
*Chair, Mountain Geography Specialty Group*. 2002-2003 and 2014-2015.

*International Geographical Union*. Commission on Mountain Response to Climate Change Steering Committee envoy for the 2011 IGU meeting in Santiago.

*International Society of Biogeography*. Neotropical section and Human Dimensions in Climate Change. (ISB)

*International Society for the Study of Religion, Nature and Culture*. (ISSRNC).

*Association of International Education Administrators* (Research Committee)

*Association of International Educators*. (Immigration and Study Abroad)

*Latin American Studies Association*. (Andes) Special recognition given in Rio de Janeiro, Brazil, in June 2009, as the first Latino Fulbright Scholar Ambassador.

*International Mountain Society*. Highland/Lowland Dynamics working group.

*Andean Mountains Association*. President 1998-2001.

*Food and Agriculture Organization of the United Nations*. International Ad-hoc Committee on Chapter 13 Agenda 21. Team for the UN-IYM (International Year of Mountains 2002)

*International Association of Landscape Ecology* (Cultural Landscapes)

*Ecological Society of America* (Mountain ecology, Sustainable Development)

*World Conservation Monitoring Centre*, (Tropical Montane Cloud Forests Initiative).

*Mountain Forum*, The Mountain Institute

*International Union for the Conservation of Nature and Natural Resources*

*World Commission Protected Areas*, Member of the Mountain Protected Area Network. Deputy Vice-Chair for Mountains –Capacity Building. Member of the Protected Landscapes Task Force.

IUCN TILCEPA Mountain Social Policy Specialists Group.

### **Teaching and Advising**

#### **Courses Taught at UGA**

- FRES 1020. *Imperative Geographies: World Heritage Sites Conservation*. (1 credit hour. New course development). Introductory seminar reviewing the imperative of conservation of most representative places on Earth and politics of international governance. Enrollment: 15 students
- FYOS 1001 (Fall). First Year Odyssey Seminar: *Imperative Geographies: World Heritage Sites Conservation*. (1 credit hour: New course development) Introductory seminar to give students geographical perspectives on the conservation of world heritage sites. Enrollment: 15 students
- FYOS 1001 (Spring). First Year Odyssey Seminar: *Sacred Geographies and Soul Ecology*. (1 credit hour: New course development) Introductory seminar to give students geographical perspectives on the sacred dimensions of ecological relevance. Enrollment: 16 students
- GEOG 1125. *Resources, Society and the Environment*. (3 credit hours. New course development). Introductory environmental geography course to present physical and human geography themes for the understanding of sustainable development. Enrollment: 88 students.
- GEOG 1125E. *Resources, Society and Environment*. (3 credit hours. New online course development) Enrollment 30 students
- GEOG 2250H. *Environmental Geography: Resources, Society and the Environment for Honor students*. (3 credit hours. New course development). Introductory course on the science of environment and sustainability from the geographical perspectives. Enrollment 15 students
- GEOG 3290. *Mountain Geography* (3 credit hours. New course development). Intermediate geography class on the physical and human topics of mountains and the application of political ecology principles. Enrollment: 15 students.

- GEOG 3990. Internship in Geography (3 credit hours). Practical experience to graduating senior geography students to familiarize them with the professional performance expected. Enrollment 10 students.
- GEOG 4270/6270. *Advanced Mountain Geoecology* (3-6 credit hours. New course development). Geographical practicum in Ecuador and in Costa Rica offered as Study Abroad course. Enrollment 15 students.
- GEOG 4290/6290. *Geography and Ethnoecology of Tropical Mountains*. (6 credit hours: New course development). Study Abroad. Advanced class of mountain geography emphasizing human—environment relations in tropical mountains. Enrollment: 15
- GEOG 4690/6690 Special Topics of Advanced Political Geography. *Sacred Places: Ecocritical Views and Earth Stewardship*. New course development Spring 2016.
- GEOG 4720/6720. *Geography of Latin America and the Caribbean* (3 credit hours: new course development). Advance class of regional geography to analyze current predicaments of concern for Latin America and the Caribbean and its relation with the global society. Enrollment: 15 students.
- GEOG 4950H. *Independent Study Honors* (3 credit-hours). Research courses for CURO credit.
- GEOG 4960H. *Honors Research*. (3 credit-hours). Thesis research for CURO credit.
- CRSS/HORT/ANTH/ECOL/GEOG 4930/6930. *Agriculture and Ecology of Tropical America* (3 credit hours: co-teaching course). Advance agroecological topics in relation to the use of food resources produced in Latin America and consumed in the United States. Offered as pre-requisite for Study Abroad practicum in Costa Rica. Enrollment: 15 students.
- CRSS/HORT/ANTH/ECOL/GEOG 4931/6931. *Agriculture and Ecology of Tropical America*. Costa Rica Study Abroad (3-6 credit hours: co-teaching course). Enrollment: 15 students.
- SOWK 6107 *Latino Families: Ecology and Social Development*. (3 credit hours: new course development involved). Graduate course to introduce human ecology theory with the realities of Latino life in Georgia and the United States. Enrollment: 15 students.
- GEOG 8220. *Biogeography Seminar: Neotropical Montane Cloud Forests* (3 credit hours. New course development involved). Graduate reading Enrollment: 5 students
- GEOG 8810. Human/Environment Relations Seminar: Political Ecology and Conservation Geographies. Biocultural Heritage (3 credit hours. New course development involved). Graduate reading

### **Advising activities**

- 2015-Present. Undergraduate Coordinator. Geography Department.
- 2012-2015. Undergraduate Advising as member of the Undergraduate Committee, Geography Department.
- 2007-2011. Internship Coordinator. Geography Department.
- 2009-2010. Member of the Graduate Studies Committee. International scholar mentor.
- 2002-2005. Study Abroad supervision and advising within the Office of International Education.
- 1998-2000. Coordinator of the Undergraduate Certificate in Latin American Studies.

### **Visiting Lecturer/Speaker**

Guest speaker at several US and foreign universities. Most recently, Universidad Antonio Ruiz, Lima, Peru; Universidad de Cuenca, Ecuador; Universidad Compostelana, Santiago de Compostela, Spain; Marie Curie University, Paris, France; Catholic University Ibarra, Ecuador; Institute of Mountain Research: Man and Environment, Innsbruck, Austria; Fundación Miguel Lillo, Tucumán, Argentina; Instituto de Ecología Pirenaico in Spain; International Center for Higher Studies of the Mediterranean in Spain; University of Bern (teleconference) in Switzerland; University of Buenos Aires (teleconference) in Argentina; University of Salzburg in Austria; University of Chile in Santiago, Chile; University San Agustín of Arequipa, in Peru; Catholic University of Ecuador in Quito and in Ibarra; University of Cuenca

in Ecuador, University EARTH (Escuela de Agricultura para la Región Tropical Húmeda) and CATIE (Agronomy Center for Tropical Research and Teaching) in Costa Rica and University of the Americas in Puebla, Mexico. American universities include Rutgers University, Brown University, Kansas State University, Georgia Southern University, Duke University, University of Illinois-Normal, University of Cincinnati, and the University of Puerto Rico, Río Piedras.

Numerous extracurricular activities in grade schools (i.e., guest speaker, visiting lecturer, panel member, school liaison, etc) in relation to Latin America and to the Latino culture in Georgia.

Guest professor for the Masters in Rural Development and Natural Resources Management program of the Catholic University of Ecuador, Ibarra.

### **Graduate Supervisory Committee Member**

Kenneth Taylor, Ph.D. Landscape Heritage. Deakin, Australia  
Caren Remillard, Ph.D. Geography. University of Georgia  
Berea Antaki, MSc. Family and Consumer Science. University of Georgia  
Steve Padget-Vasquez, Ph.D. Geography ICON University of Georgia  
Mallika Dinesh, MLA. Environmental Planning. University of Georgia  
Avery Watson, M.Sc. Natural Resources. Warnell School of Forestry. University of Georgia  
Adam Clause, Ph.D. Wildlife Management. Warnell School of Forestry. University of Georgia  
Caren Remillard, M.Sc. Geography. University of Georgia  
Adriana Rincón, M.Sc. Geography. University of Georgia  
Ujuani Das. Ph.D. Geography, University of Georgia  
Carla Marchant. Ph.D. Geography. University of Innsbruck, Austria.  
Esmeralda Guevara, Ph.D. Sustainability, Prescott College. Arizona.  
Rocío Rodríguez-Granados. Anthropology, University of Georgia  
Isabel Jácome, MLA. Landscape Architecture, University of Georgia  
Lee Carter, BA. Anthropology Honor Thesis. University of Georgia  
Rita Matthew. Ph.D. Geography, University of Georgia  
Michael R. Coughlan, Anthropology, University of Georgia  
Chris Graham. MSc. Plant Sciences, University of Georgia  
Sakura Evans. Ph.D. Anthropology, University of Georgia  
Ted Maclin. Ph.D. Anthropology, University of Georgia  
Zaroo Hyeon. Ph.D. Geography, University of Georgia  
Polly Bass, Ph.D. Geography, University of Georgia  
María Tucker, MA. Journalism, University of Georgia  
Monica Hayden, MLA. Historic Preservation, University of Georgia  
Garner Dewey, Ph.D. Professional Studies, University of Georgia  
Thor Härjsten, M.Sc. Biodiversity Conservation. Aarhus University, Denmark  
Eric Jones, Ph.D. Anthropology, University of Georgia  
David Shaefer, B.Sc. Interdisciplinary Latin American Studies, University of Georgia  
William Vandeberg, Ph.D. Anthropology, University of Georgia  
Xavier Viteri Oquendo, M.Sc. Conservation Biology, Illinois State University  
Elisa Berg, M.A. Anthropology. University of Georgia  
Robert Lieberman, Ph.D. Geography, University of Georgia  
Edward Chaurette, M.Sc. Environmental Studies, Carlton University  
James Reed, Ph.D. Anthropology, University of Georgia  
Jennifer Osha, M.Sc. Forestry. Yale

### **Major professor, current**



Estefanía Palacios. Ph.D. Geography. *Bio-cultural heritage and Satoyama landscape dynamics of Collay Commonwealth in southern Ecuador.*

Inhye Kong. Ph.D. (Presidential Fellowship recipient). *Water Optimization in Payment for Environmental Services Scheme for Nature Conservation in Southern Ecuador.*

### **Major professor, completed**

Ian Rossiter. MSc. Geography. *Shrimps in Space: Investigating perceptions of marine spatial competition between commercial fishing and spaceport industries.*

Brandon Combs. MSc. Geography. 2012. *Shark fining impact on Cocos Island as transformative driver of tropical fishing communities of Costa Rica.*  
Operations Oregon Aquarium.

David Cotacachi. M.Sc. Ecology. 2011. *Environmental valuation of water resources in Turrialba and Guácimo, Costa Rica.*  
Program leader, Inter American Development Bank.

Mario Donoso. Ph.D. Geography. 2008. *Geosimulations of Urban Growth, Dasyetric Mapping and Population Dynamics in Northwest Florida 1974-2025*  
Instructor, Sistemas de Información Geográfica. Universidad de Cuenca, Ecuador.

Mario Andrés Giraldo, M.Sc. Geography. UGA 2004. *Land Use Analysis of Earth University Property in Costa Rica from 1973 to 2001 Using Remote Sensing data.*  
Assistant Professor of Geography, California State University, Northridge.

César Cotacachi, M.A. Rural Development. PUCE 2003. *Ethnoecology of the Imbakucha Watershed in Otavalo, Ecuador.*  
Ethnotourism advisor, Andean Tours.

### **Advancing Research Networks**

Head, Neotropical Montology Initiative of the Latin American and Caribbean Studies Institute (LACSI). <http://www.lacsiuga.org/initiatives/neotropical-montology-initiative/>

Head, Willson Center Research Cluster on Indigenous Foods and Fibers.

<http://willson.uga.edu/research-projects/research-clusters/indigenous-foods-fibers/>

Director, Neotropical Montology Collaboratory. <https://research.franklin.uga.edu/Montology/>

Online advising and coordinating of several international groups, including roles as:

- a) Node of the Latin American Ethnobotanical Sister Gardens Network since 2000-2010;
- b) Coordinator of the International Human Dimensions Program in the Andes network (since 2006-to 2012);
- c) Member of the Mountain Forum Network since 1994;
- d) Node of the Americas Cordillera Transect (ACT) Network of the Mountain Research Initiative (MRI) since 2006 until 2011;
- e) Node of the GoogleGroup “Montólogos Americanos” since 2010;
- f) Node of the Faculty Discussion Group on Indigenous Revival and Sacred Sites Conservation since 2011.

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### **Professional Service**

#### **Editorial Boards**

Editorial Board member of the *Journal of Research in Sustainable AgroProduction*. Institute for Sustainable Development of La Ceja de Selva. National University Toribio Rodríguez de Mendoza de Chachapoyas, Peru.

Editorial Board member of the Physical Geography and Environment Section of the *Annals of the Association of American Geographers* (AAG). 2017-present.

Editorial Board member of the World Commission on Protected Areas (WCPA) of the International Union for the Conservation of Nature (IUCN). Gland. 2015-present.

Editorial Board member for the *Dictionary of Sustainability*. Wiley. 2010-present.  
Regional Editor for Latin America, *Mountain Research and Development*. (Switzerland) 2004-2010.  
Editorial Board Member of *Lilloa*, the Journal of the Institute Miguel Lillo (Argentina) 2011-present  
Editorial Board Member for *Pirineos*, the Journal of Mountain Ecology (Spain) 2008-present  
Editorial Board Member for *Lyonia*, an electronic Journal for Tropical Mountains (Hawai'i) 2006-2012  
Editorial Board Member for *GeoTrópico*, an electronic Journal of Tropical Geography (Colombia) 2004-2006

### **Special Issue Editor**

*E&E publisher (England), Journal of Sustainability Education (Arizona), The George Wright Forum (Michigan), Mountain Research and Development (Switzerland), The Swedish Royal Academy of Sciences (Sweden) and Geografía Aplicada y Desarrollo (Ecuador).*

### **Juror**

*International Prize on Biodiversity Conservation in Spain and Latin America: Actions on Conservation*. BBVA Foundation. Madrid, Spain

*International Master Program on Environmental Integration and Rural Development's graduation committee*. International Center for Advanced Mediterranean Studies. CHIAM-Saragoza, Spain.

*Member of the advisory panel for the Geography section of the Educational Standards Commission in the State of Georgia.*

*Panel Member of the internal competition for Fullbright applicants at UGA*

### **Organization of Scientific and Professional Conferences**

Organizer of the Panel on the Re-birth of Regions: Saliency and Implications. International Research and Scholarly Exchange Committee. Annual Meeting of the Association of American Geographers in Chicago, Illinois, and San Francisco, California.

Organizer of the panel session on Connectivity Conservation and Mountains Sustainable Development. Mountain Geography Specialty Group. Annual Meeting of the Association of American Geographers in Chicago, Illinois.

Organizer of the panel session on Mountain Cultural Connectivity: Critical Biogeography of Indigenous Foods and Fibers I. Annual Conference of the SouthEastern Division of the Association of American Geographers (SEDAAG). Athens, GA.

Organizer of the International Reception at the Annual Meeting of the Association of American Geographers in Tampa, Florida. Organizer of the panel on Mountain Geography: Physical and Cultural dimensions. AAG Annual Meeting. Tampa, FL.

Organizer and convener of the International Conference on "Indigenous Revival and Sacred Site Conservation" held at the University of Georgia, in Athens. 2012.

Organizer of the Campus Discussion Group on Political Ecology of Indigenous Revival and Sacred Site Conservation. 2011.

Organizer of the session on The Andes and Global Change for the International Conference Perth +5: Mountains and Climate Change. Perth, Scotland. 2010.

Organizer of the session on Landscape Transformation in Tropical Mountains. Conference of the Americas. The Americas Council. Atlanta 2009.

Organizer of the International Workshop on Mountain Protected Area Connectivity. (IUCN) Quito. 2006

Organizer of the IYM workshops for AAG's Mountain Geography Specialty Group meeting (2002).

Co-Organizer of the first Latin American National Parks Congress (Colombia, 2002).  
Organizer of the International Workshop on Applied Montology: Comparative Geographies of the Andes and the Appalachians (Athens, 2001).  
Co-organizer of the 7<sup>th</sup> International Congress of Ethnobiology (Athens, 2000).  
Organizer of the 3<sup>rd</sup> International Symposium on Mountain Sustainable Development for the Andes. Andean Mountains Association (Quito, 1998).  
Secretary of the First National Science Congress in Ecuador, 1987.

### **Manuscript Reviewer**

**-Articles in the following journals:** *Latin American Research Review, Land Use Policy, PLOS-One, Forest Ecology, Water and Environment Journal, Revista de Biología Tropical, Journal of Mountain Science, Applied Geography, Journal of Sustainability Education, Geografiska Annaler B: Human Geography, Lilloa, Journal of Geography and Regional Planning, Annals of the Association of American Geographers, Journal of Latin American Earth Sciences, International Journal of Sustainability, The Geographical Review, Journal of Sustainability Education, Arctic and Alpine Research, Journal of Latin American Geography, Biotropica, Journal of Geomorphology, Physical Geography, Southeastern Geographer, Bulletin of Latin American Research, Ambio, Environmental Conservation, Mountain Research and Development, Bulletin of the International Geographical Union, The Geographical Journal, Geografía Aplicada y Desarrollo, Pirineos Journal of Mountain Ecology, Journal of Plant Interactions.*

**-Books:** *the Boydell Press, Heritage Matters Series; Guilford Press; Routledge, Landscape Series; The University of Australia Press; The University of Chicago Press; Oxford University Press; Princeton University Press; Wiley & Sons; MacGraw Hill/Interamericana Publishing.*

**Proposal Reviewer in the following institutions:** National Geographic Society, National Science Foundation, International Programs of Science and Engineering; Austrian Academy of Sciences; Fulbright Scholar Program in Environmental Sciences; National Academy of Science; National Science Foundation, Geography and Regional Science, Division of Behavioral and Cognitive Sciences; The National Geographic Research and Exploration; The Social Science Research Council; Czech Science Foundation; The Pan American Center for Geographical Research and Studies.

### **Service to National Organizations**

Chair, International Research and Scholarly Exchange Committee, Association of American Geographers 2013-2015.  
Chair, Mountain Geography Specialty Group. Association of American Geographers 2013-14.  
Member of the Nominating Committee of the Association of American Geographers 2012.  
Chair. Mountain Geography Specialty Group. Association of American Geographers. 2002.  
Steering Committee, Mountain Geography Specialty Group. Association of American Geographers. 2005-present.  
Node, North American Mountain Forum and the Mountain Institute (West Virginia). 2004.  
Advisor. QLF/Atlantic Center for the Environment: Landscape Stewardship. 2002-2007.

### **Service to International Organizations**

*Science Advisory Board Member* of the Mountain Research Initiative (MRI) on behalf of the International Human Dimensions Program (IHDP). Switzerland.  
*Task Force Member* of the Mountain Collaborative Program. United Nations University UNU. Japan.  
*Mountain Executive Member*. Deputy Vice Chair, Capacity Building. WCPA-IUCN Gland.

*Steering Committee Member.* Commission on Mountain Response to Global Change. International Geographical Union (IGU). Zurich.

*Mountains and Social Policy Specialists Group Member.* World Conservation Union IUCN-TILCEPA. Gland, Switzerland.

*Task Force Member.* Category V: Protected Landscapes. World Commission of Protected Areas IUCN-WCPA. Gland, Switzerland.

*Scientific Advisor.* Tropical Montane Cloud Forests. World Conservation Monitoring Center – WCMC. Cambridge, United Kingdom.

*Facilitator and Member of the Latin American Ethnobotanical Sister Gardens -ETNOJARDIN*

*Technical Advisor.* UNESCO/IUCN regional expert for Cultural Landscapes. Paris, France.

*Ad-hoc Committee Member.* FAO. International Year of the Mountains. Rome, Italy.

Conservation International's regional expert for Andean sustainability. Arlington, VA.

*Advisor and Correspondent Member.* Latin American Center for Social Ecology, CLAES. Uruguay.

*Advisor.* Pan American Institute of Geography and History (IPGH) Pan American Center for Geographical Research and Studies (CEPEIGE). 1998-2000. Ecuador.

*President elect,* Andean Mountains Association (1995-1998). Bolivia.

*President,* Andean Mountains Association (1998-2001). Ecuador.

*Former President,* Andean Mountains Association (2001-2004). Venezuela.

#### **University Service**

Global Partnership Review Committee. University Council Member. UC Faculty Affairs Committee Chair. UCC Facilities Committee member. Fulbright Review Committee. CTL Professor of the Year Review Committee. CURO Advisory Board. UGA Honors Program. Environmental Ethics Certificate Program. LACSI Initiative on Neotropical Mountains. Latin American Studies Certificate Program. Graduate Latin America Research Travel. Sustainable Agriculture Group. Center for Sustainable Development Initiative. Facilitator of the Latin American Ethnobotanical Garden. Hispanic Task Force. University System of Georgia's Board of Regents. Focal Point for the Latino Faculty Initiative and Coordinator of the "Ronda Latina" and of the "Hispanic Heritage Month" on campus. Selection Committee, Office of International Education, Associate Provost for Institutional Diversity. Task Force member for the establishment of the Office of Institutional Diversity. Task Force on Minority Recruitment and Retention. Member of the Latino Advisory Board. Graduate Faculty Appointment and Reappointment Committee. Faculty Advisor for the UGA Fencing Club and Faculty Advisor for the Sigma Alpha Pi Honor Society for Leadership and Success. Guest Lecturer at Phi Kappa Literary Society.

#### **Departmental Service**

Undergraduate Coordinator, Coordinator for Internships in Geography, Member of the Graduate Studies Committee, Member of the Curriculum Committee, Member of the Colloquium Committee, Member of the Undergraduate Studies Committee as undergraduate advisor.

#### **Local Outreach**

Advisory Board Catholic Social Services. Leadership Athens alumni. Friend of the Georgia Museum of Art.

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#### **Other distinctions**

I have been invited to many conferences to various countries, including Portugal, Austria, Spain, Switzerland, Germany, England, South Africa, Japan, Sweden, France, Italy, Scotland, Oman, Mexico, Panama, Brazil, Costa Rica, Venezuela, Peru, Brazil, Bolivia, Chile and Argentina. The

most distinctive have been those commissioned by UNESCO-IUCN to be their envoy in several countries to discuss the new cultural landscapes categories for Heritage Site Conservation and those as Fulbright Ambassador. I have been interviewed in the media (including *ScienceNews*, radio, TV and newspapers, such as Atlanta Journal Constitution, Atlanta Latino, El Comercio, Hoy, etc.) and I have been invited to submit columns and reviews in newspapers and other reference materials, such as textbooks, encyclopedias and websites.

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