
Curriculum Vitae
FAUSTO O. SARMIENTO, Ph.D.

Full Professor
Department of Geography
The University of Georgia
Athens, Georgia 30602
Director, *Neotropical Montology Collaboratory*

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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* (museology and international education).

Education

Ph.D. 1996. The University of Georgia, Athens, GA. Landscape Ecology.
Dissertation: Seed dispersal and forest regeneration in Tropandean 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. Pontific 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).

Employment History

Academic Research and Teaching

2012-present Tenured Full Professor of Mountain Science. 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.

List of Publications (* invited contributions, student coauthor)

Peer-reviewed journal articles

- Kong, I., **Sarmiento FO**, Mu L. 2023. Crowdsourced Text Analysis to Characterize the U.S. National Parks Based on Cultural Ecosystem Services. *Landscape and Urban Planning*, 233: 104692. <https://doi.org/10.1016/j.landurbplan.2023.104692>
- ***Sarmiento, F.O.**, Inaba, N., Iida, Y., Yoshida, M. 2023. Mountain Graticules: Bridging Latitude, Longitude, Altitude, and Historicity to Biocultural Heritage. *Geographies*, 3(1): 19-39. <https://doi.org/10.3390/geographies3010002>
- Kong, I., **Sarmiento, F.O.** 2022. Utilizing a crowdsourced phrasal lexicon to identify cultural ecosystem services in El Cajas National Park, Ecuador. *Ecosystem Services*, 56: 101441. <https://doi.org/10.1016/j.ecoser.2022.101441>
- Sarmiento, F.O.**, Chávez, R., Aguirre, Ch., Abrahms, J. 2022. Desarrollo Sustentable y Regenerativo de los Paisajes Socioecológicos de Montaña: Montología del Chimborazo como Referente Insigne del Cambio Global. *Revista Antropologías del Sur* 9(17): 121-145. <http://revistas.academia.cl/index.php/rantros/article/view/2316>
- ***Sarmiento, F.O.**, Rodríguez, J., Yépez-Noboa, A. 2022. Forest Transformation in the Wake of Colonization: The Quijos Andean-Amazonian Flank, Past and Present. *Forests*, 13, 11: 1-19. <https://doi.org/10.3390/f13010011>
- Delgado, E., Meza Mori, G., Barboza, E., Rojas Briceño, N.B., Torres Guzmán, C., Oliva-Cruz, M., Chavez-Quintana, S.G., Salas López, R., López de la Lama, R., Sevillano-Ríos, C.S., **Sarmiento, F.O.** 2021. Efectividad de áreas de conservación privada comunal en bosques montanos nublados del norte de Perú. *Pirineos*, 176, e067. <https://doi.org/10.3989/pirineos.2021.176006>
- Donoso, M. and **F.O. Sarmiento**. 2021. Changing Mountain Farmscapes: Vulnerability and Adaptation in the Paute's Watershed, Southern Ecuador. *Journal of Mountain Science*, 18(7): 1902-1919. <https://link.springer.com/article/10.1007/s11629-020-6127-y>
- Sarmiento, F.O.** 2021. Critical Biogeography of Neotropical Mountains: A Panoptic Approach for Biocultural Microrefugia Conservation. *Biodiversity Online Journal*, 1(3): 1-7. <https://crimsonpublishers.com/boj/pdf/BOJ.000515.pdf>
- ***Sarmiento, F.O.**, M. Oliva and S. Fernandez. 2020. Montology: Transformative frame for education about mountains. *Mountain Research and Development*, 40(4): A15-A27. <https://doi.org/10.1659/MRD-JOURNAL-D-20-00031.1>
- Sarmiento, F.O.** 2020. Montology Manifesto: echoes towards a transdisciplinary science of mountains. *Journal of Mountain Science*, 17(10): 2512-2527. <https://doi.org/10.1007/s11629-019-5536-2>.
- Schirpke U., Scolozzi R., Dean G., Haller A., Jäger H., Kister, J., Kovács B., **Sarmiento, F.O.**, Sattler B and C. Schleyer. 2020. Cultural ecosystem services on mountain regions: Conceptualising conflicts among users and limitations of use. *Ecosystem Services*, 46. <https://doi.org/10.1016/j.ecoser.2020.101210>
- Rojas, N., D.A. Cotrina, E. Barboza, M. Barrena, **F.O. Sarmiento**, D.A. Sotomayor, M. Oliva and R. Salas. 2020. Current and future distribution of five timber forest species in Amazonas, Northeast Peru: Contributions towards a restoration strategy. *Diversity*, 12, 305. <https://doi.org/10.3390/d12080305>
- Sarmiento, F.O.**, M.B. Bush, W. Church, P. VanValkenburgh, M. Oliva, E. Delgado, S. Fernandez and N. Rojas. 2020. Mountain science poised to help ecotourism in Peruvian cloud forests. *PAGES* 28(1), 22-23. <https://doi.org/10.22498/pages.28.1.22>

- Sarmiento, F.O.** and G. Kooperman. 2019. A Socio-Hydrological Perspective on Recent and Future Precipitation Changes Over Tropical Montane Cloud Forests in the Andes. *Frontiers in Earth Sciences*, 7, Article 324. <https://doi.org/10.3389/feart.2019.00324>
- Sarmiento, F.O.**, J.A. Gonzalez, E.O. Lavilla, M. Donoso and J.T. Ibarra. 2019. Onomastic misnomers in the construction of faulty Andeanity and weak Andeaness: Biocultural Microrefugia in the Andes. *Pirineos, Journal of Mountain Ecology*, 174, 1-16. <https://doi.org/10.3989/pirineos.2019.174009>
- Pinaya, J., F. Cruz, G. Ceccantini, P. Corrêa, N. Pitman, F. Vemado, M. Lopez, A. Pereira, C. Grohmann, C. Chiessi, N. Strikis, I. Horák-Terra, W. Pinaya, V. de Medeiros, R. Santos, T. Akabane, M. Silva, R. Cheddadi, M. Bush, A-J. Henrot, L. François, A. Hambuckers, F. Boyer, M. Carré, E. Coissac, F. Ficetola, K. Huang, A-M. Lézine, M. Nourelbait, A. Rhoujjati, P. Taberlet, **F.O. Sarmiento**, D. Abel-Schaad, F. Alba-Sánchez, Z. Zheng, P. de Oliveira. 2019. Brazilian montane rainforests expansion induced by Heinrich Stadial 1 event. *Nature Scientific Reports*, 9, Article 17912. <https://doi.org/10.1038/s41598-019-53036-1>
- Sarmiento, F.O.** and C. Cotacachi. 2019. Framing Cultural Ecosystem Services in the Andes: *Utawallu runakuna* as Sentinels of Values for Biocultural Heritage Conservation. *Satoyama Review*, 5(1), 25-40.
- Subramanian, S. M., Yiu, E., Dasgupta, R., Takahashi, Y., Deja, E., Dublin, D., Natori, Y., **Sarmiento, F.O.**, Osei-Owusu, Y., Quintero-Ángel, A., San Vicente-Tello, A., Díaz-Varela, E., Díaz-Varela, R.A., Titumir, R. Al M., Karimova, P.G., Lee, K.C., Ojelel, S., Lacaste, A.V., Belegal, J.A.C., Edake, S., Guibrunet, L., Kubo, H., Nishi, M., and R. Kozar. 2019. How multiple values influence decisions on sustainable use in socio-ecological production landscapes and seascapes. *Satoyama Review*, 5, 1-15.
- Minga, D., Cordero, P., Donoso, M., Montesinos, K., Jimenez, M., Antaki, B. and **Sarmiento, F.O.** 2019. The Uchucay microrefugium: an Interandean forest relict with an important arboreal richness in Southern Ecuador. *Pirineos, Journal of Mountain Ecology*, 174, 1-16. <https://doi.org/10.3989/pirineos.2019.174007>
- Sarmiento, F.O.**, J.T. Ibarra, A. Barreau, C. Marchant, J. González, M. Oliva and M. Donoso. 2019. Montology: A research agenda for complex foodscapes and biocultural microrefugia in tropical and temperate Andes. *Journal of Agriculture, Food and Development*, 5, 9-21. <https://doi.org/10.30635/2415-0142.2019.05.2>
- Donoso-Correa, M.E and **Sarmiento, F.O.** 2019. Geospatial Memory and Joblessness interpolated: International migration oxymora in the city of Biblián, Southern Ecuador. *American Journal of Geographic Information System*, 8(2), 60-88.
- ***Sarmiento, F.O.**, A. Vázquez, G. Aguilar, R. Cheddadi, M. Bush, M. Donoso, E. Palacios, & I. Kong. 2018. Trees Microrefugia and Community-based Conservation in Tropandean Mountainscapes: A Bio-Cultural Approach for Heritage Management of "El Collay" Protected Forest in Southeastern Ecuador. *Satoyama Review*, 4(1), 95-109.
- *Subramanian S.M., Yiu E., Leimona, B., Villanueva A.B., E.R. Díaz-Varela, J-T. Chao, L-L. Lee, Tschentscher, T., Calispa Quinto, A.N., Dublin, D., Quintero, A., Orejuela, S., Wekesa, Ch., **Sarmiento, F.O.**, Leles, B., Matsumoto, I., López-Casero, F., Takahashi, Y., and R. Dasgupta. 2018. Enhancing effective area-based conservation through the sustainable use of biodiversity in socio-

- ecological production landscapes and seascapes (SEPLS). *Satoyama Review*, 4(1), 1-13.
- Frolich, L., J.A. Caraguay, O. Rosales, P. Castro, A. Cárdenas, P.I. Llanga, A.M. Luvero, F. Rea, A.E. Jácome, E. Guevara, **F.O. Sarmiento**. 2018. Ecología Humana y la Urbe Inteligente: Utilizando mapeo interactivo para el análisis socio-ambiental del uso de agua y de energía eléctrica en Ibarra – Ecuador. *Revista Ciencia*, 19(2), 10-28. <http://dx.doi.org/10.24133/ciencia.v19i2.533>
- 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. <https://doi.org/10.3389/fevo.2017.00114>
- 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). <https://doi.org/10.1080/24694452.2016.1260438>
- ***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. <https://doi.org/10.1659/MRD-JOURNAL-D-16-00obit.1>
- ***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. <https://doi.org/10.1080/09709274.2011.11906391>
- 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. <https://doi.org/10.1659/MRD-JOURNAL-D-10-00123.1>
- Sarmiento, F.O.** 2010. The Lapwing in Andean Ethnoecology: Proxy for Landscape Transformation. *The Geographical Review*, 100(2), 229-245. <https://doi.org/10.1111/j.1931-0846.2010.00024.x>
- Sarmiento, F.O.** 2010. Obituary for a Mountain Man: Robert Rhoades. *Mountain Research and Development*, 30(2), 188. <https://doi.org/10.1659/mrd.mv.3002>
- *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, Journal of Mountain Ecology*, 163, 51-62. <https://doi.org/10.3989/pirineos.2008.v163.21>
- ***Sarmiento, F.O.** 2008. Andes Mountains and Human Dimensions of Global Change: An Overview. *Pirineos, Journal of Mountain Ecology*, 163, 7-13. <https://doi.org/10.3989/pirineos.2008.v163.18>
- 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, Journal of Mountain Ecology*, 160, 87-119. <https://doi.org/10.3989/pirineos.2005.v160.41>
- Pugh, J. and **F.O. Sarmiento.** 2004. Selling the public on sustainable watershed conservation. *Bulletin of Latin American Research*, 23(3), 322-337. <https://doi.org/10.1111/j.0261-3050.2004.00110.x>
- 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. [https://doi.org/10.1659/02764741\(2002\)022\[0197:GBABTC\]2.0.CO;2](https://doi.org/10.1659/02764741(2002)022[0197:GBABTC]2.0.CO;2)
- Sarmiento, F.O.** 2002. Impulsores de cambio del paisaje: dinámica de las líneas de árboles en la montología neotropical. *Ecotrópicos*, 15(2), 129-146.
- Sarmiento, F.O.** 2002. Anthropogenic landscape change in highland Ecuador. *The Geographical Review*, 92(2), 213-234. <https://doi.org/10.1111/j.1931-0846.2002.tb00005.x>
- 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. [https://doi.org/10.1659/0276-4741\(2002\)022\[0278:ACFTL\]2.0.CO;2](https://doi.org/10.1659/0276-4741(2002)022[0278:ACFTL]2.0.CO;2)
- 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. <https://doi.org/10.3406/rga.2001.3038>
- ***Sarmiento, F.O.** 2000. Human impacts in man-aged tropandean landscapes: Breaking mountain paradigms. *Ambio*, 29(7), 423-431. <https://doi.org/10.1579/0044-7447-29.7.423>
- 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 **Sarmiento, F.O.** 1998. Seed inputs to microsite patch recovery on two Tropandean landslides in Ecuador. *Restoration Ecology*, 6(1), 1-10. <https://doi.org/10.1046/j.1526-100x.1998.00615.x>
- Sarmiento, F.O.** 1997. Arrested succession in pastures hinders regeneration of Tropandean forests and shreds mountain landscapes. *Environmental Conservation*, 24(1), 14-23. <https://doi.org/10.1017/S0376892997000052>
- ***Sarmiento, F.O.** 1997. Landscape regeneration by seeds and successional pathways to restore fragile Tropandean slopes. *Mountain Research and Development*, 17(3), 239-252. <https://doi.org/10.2307/3673851>

- Sarmiento, F.O.** 1997. The birthplace of ecology: Tropandean ecoregion of Ecuador, an endangered landscape. *Environmental Conservation*, 24(1), 3-4.
<https://doi.org/10.1017/S0376892997000039>
- 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.
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Books

- Sarmiento, F.O.** Editor. 2022. *Montology Palimpsest: A Primer of Mountain Geographies*. Volume I. Book series: Sarmiento, F.O, Gunya, A. and Alcántara-Ayala, I. (editors). *Montology: Convergent Mountain Science for Development and Innovation*. Springer-Nature. Switzerland.
- Sarmiento, F.O** y E.V. Sarmiento. 2021. *Flancos Andinos: Paleoecología, Biogeografía Crítica y Ecología Política en los Climas Cambiantes de los Bosques Neotropicales de Montaña*. Editorial INDES_CES/UNTRM. Universidad Nacional Toribio Rodríguez de Mendoza, Amazonas. Chachapoyas, Peru. <https://www.doi.org/10.5281/zenodo.4746912>
- Sarmiento, F.O.** and Larry M. Frolich (editors). 2020. *The Elgar Companion to Geography, Transdisciplinarity and Sustainability*. Edward Elgar Publishing. Glos, UK and Massachusetts, USA. 428pp. <https://doi.org/10.4337/9781786430106>
- 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. Hardcover edition. (2019 paperback edition).
<https://doi.org/10.2307/j.ctvw04ck0>
- 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. Ghersa. 2002. *Ecología de Paisajes. Teoría y Aplicación. Edición de estudiantes*. Editorial Universitaria de Buenos Aires, EUDEBA. Argentina. Buenos Aires: 571pp.
- ***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].
- 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. Célleri. 1985. *Guías Didácticas de Educación Ambiental*. Nivel Primario. 3 Tomos. Fundación Natura. Ed. Mantilla Hnos. Quito: 234pp. [Environmental education teaching guides]

Book chapters

- *Nishi M, Subramanian S, Gupta, H, Bergamini N, Braun V, Chao JT, Dey D, Fischer A, Jacobson Ch, Karimova PG, Kumar AK, Lee KY, Méndez-López ME, Maundu P, Morimoto Y, Olupot W, Osei-Owusu Y, Owusu-Achiaw R, Paran S, Vipindas P, Quintero-Ángel A, Rodríguez Dias SC, Sakkhamduang J, **Sarmiento, FO**, Sivan VV and Titumir RaM. 2022. Synthesis: Concept, Methodologies, and Strategies to Address the Nexus in SEPLS. Pp. 267-286. In: M. Nishi et al. (eds.), *Biodiversity-Health-Sustainability Nexus in Socio-Ecological Production Landscapes and Seascapes (SEPLS)*, Satoyama Initiative Thematic Review 7. Springer.
- Sarmiento, F.O.** 2022. A Palimpsest of Mountain Geographies. Pp 1-10. In: Sarmiento, F.O. (Ed). *Montology Palimpsest: A Primer of Mountain Geographies*. Volume 1. Series Montology. Springer-Nature/Switzerland.
- Sarmiento, F.O.** 2022. Montology along Geopolitical and Cultural Appropriations: “Mountain” as a Social Construct. Pp73-92. Pp 1-10. In: Sarmiento, F.O. (Ed). *Montology Palimpsest: A Primer of Mountain Geographies*. Volume 1. Series Montology. Springer-Nature/Switzerland.
- Sarmiento, F.O.** and Gunya, A. 2022. Terminology and Argot Woes in the Corpus of Mountain Geographies. Pp. 471-494. Pp 1-10. In: Sarmiento, F.O. (Ed). *Montology Palimpsest: A Primer of Mountain Geographies*. Volume 1. Series Montology. Springer-Nature/Switzerland.
- Sarmiento, F.O.** 2022. Concluding remarks. Pp 495-498. Pp 1-10. In: Sarmiento, F.O. (Ed). *Montology Palimpsest: A Primer of Mountain Geographies*. Volume 1. Series Montology. Springer-Nature/Switzerland.
- ***Sarmiento, F.O.** 2021. Dynamics of Andean Treeline Ecotones: Between Cloud Forest and Páramo geocritical tropes. Pp. 25-42. In: Myster, R. (editor). *The Andean Cloud Forest*. Springer Nature. Switzerland. <https://doi.org/10.1007/978-3-030-57344-7>
- Sarmiento, F.O.** 2020. Packing Transdisciplinary Critical Geography Amidst Sustainability of Mountainscapes. Pp. 15-30. In: Sarmiento, F.O. and Larry M. Frolich (editors). *The Elgar Companion to Geography, Transdisciplinarity and Sustainability*. Edward Elgar Publishing. Glos, UK and Massachusetts, USA. 428pp. <https://doi.org/10.4337/9781786430106>
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- ***Sarmiento, F.O.** 2022. Edwin Bernbaum's *Sacred Mountains of the World*. JSRNC-*Journal for the Study of Religion, Nature, and Culture*.
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- 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.**, D. Leigh, D. Porinchu, K. Woosnam, K.J.K. Gandhi, E. King, M. Pistone, A. Kavoori, J. Calabria, J. Reap, I. Alcántara, A. Haller, R. Chávez, A. Gunya, C. Marchant, A. Yépez-Noboa and M. Yoshida (Submitted) 4D Global Montology: Towards Convergent and Transdisciplinary Mountain Sciences across time and space. *Pirineos, the Journal of Mountain Ecology*.
- Santos, F., Calle, N., Bonilla-Bedoya S., **Sarmiento, F.O.** and Herrnegger M. (Submitted). Impacts of soil erosion and climate change on the cultural heritage of the Pambamarca Fortress Complex in Northern Ecuador. *PLOS-ONE*
- Kong, I., Mu, L., Woosnam, K.M. and **F.O. Sarmiento**. (Submitted). Analyzing Destination Competitiveness Considering Tobler's First Law of Geography: A Cross-Comparison of U.S. National Parks. *Tourism Management Perspectives*.
- Kong, I., Woosnam, K.M., **Sarmiento, F.O.** and Yao, X.A. (Submitted). Using Geotagged Social Media to Analyze Visitor Preferences Associated with Multivariate Tripographic Segments. *Journal of Tourism Geography*.
- Camargo, J.S. and **F.O. Sarmiento**. (In preparation). Biocultural (dis)courses for the Andean Bear (*Tremarctos ornatus*) conservation. *GeoHumanities*.
- Sarmiento, F.O.** (In preparation). Critical biogeography of Andean treelines: A synthetic and geocritical prospective of the Humboldtian paradigm. *Journal of Biogeography*.
- Sarmiento, F.O.** (In preparation). Landscape appellations and inscape biogeographical tropes. *Landscape Journal*.
- Sarmiento, F.O.** (In preparation). Unpacking Montology: towards a unified mountain epistemology of altitudinal belts, ecological gradients, and biota. *Artic, Antarctic and Alpine Research*.

Book Chapters

- Sarmiento, F.O.**, Haller, A., Branca, D., Aguirre, Ch., Marchant C., Yoshida, M. (Accepted). Socioecological Gradients: contesting traditional ecoclines to explain the high biocultural diversity of the Andean verdant. Chapter 16. In: Myster, R. (ed). *Ecological Gradients and their analyses*. Springer.
- Sarmiento, F.O.** (In preparation). The Andean Flanks: Montane Cloud Forest Unknow Cultural and Ecological Legacies. In: Clerici, N. (ed). *The Andean Forests*. Springer.

Books

- Gunya, A. and F.O. Sarmiento** (editors). (In preparation). *Mountain Lexicon: A Corpus of Montology and Innovation*. Volume II. Book series: Sarmiento, F.O, Gunya, A. and Alcántara-Ayala, I. (editors). “Montology: Convergent Mountain Science for Development and Innovation.” Springer-Nature. Switzerland.

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.O.** 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)

Service to Editorial Boards

- Editorial Board member, *Journal of High Andean Research* (2020-present)
- Editorial Committee member, *Annals- Association of American Geographers* (2017-present)
- Editorial Board member, *Journal of Mountain Sciences*, Chinese Academy of Sciences (2019-present)
- Editorial Board member, *Journal of Eco-Mont* for Mountain Protected Areas. Austrian Academy of Science (2011-2017)
- Editorial Board member, *Journal Parks* (2010-present)
- Editorial Board member, Pirineos, *Journal of Mountain Ecology* (2008-present)
- Editorial Board member, *Journal Lythonia*, Cloud Forest Ecology and Applications (2005-present)
- Regional editor for Latin America, *Mountain Research and Development* (2000-2010)

Awarded Grants

Externally funded

2022. US Department of State, Fulbright Program. Global Scholar Award. \$26.7K
2022. International Geographical Union travel grant. \$1.5K
2022. National Science Foundation sub-award FIT. Investigating Ecological Legacies in Amazonian Forests. \$118K

2019. Conference support. Municipality of Cuenca, Water Administration, Pan American Center for Geographical Research and Studies. \$7K.
2019. Visiting Scholarship for two students from UNTRM in Chachapoyas for collaborative training on montology at UGA. Fondecyt /INAP Peru. \$30K.
2018. U.S. Embassy, Ecuador. SGP: Biocultural Heritage and Biodiversity Conservation: Enhancing Ecuadorian Human Capital by Engaging Geographical Literacy in Southern Ecuador. \$49.9K/2 years (postponed).
2017. New England Bio Lab Foundation – Fundación Futuro Latinoamericano. \$8K. Community-driven engagement for biodiversity conservation in El Collay, Ecuador.
2016. National Science Foundation sub-award. 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

Internally funded

- 2022. TIR Pre-Seed Grant. Office of the Vice President of Research. \$6.25K
- 2022. Book subvention. Willson Center for Humanities and Arts. \$1.35K
- 2022. Provost International Travel allocation: \$1.8K
- 2021. Global Research Collaborative Grant – Seed grant Office of Global Engagement. \$8K
- 2021. Special Collections Library Fellowship. \$2K
- 2020. Aspire Fellowship. \$0.5K
- 2019. Provost International Travel allocation: \$2K
- 2018. Franklin International Faculty Exchange. \$2.5K. (PUCC-Villarrica, Chile).
- 2018. International Collaborative Seed Grant Program. Multiscalar Participatory Conservation: Biocultural Heritage for Landscape Services in Sustainable Development Planning in the Andes. OIE/OVPR. \$8K.
- 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 Congress. 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 7th 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.

Honors, Awards and Commendations

2022. *Global Scholar Award*. Fulbright Program. US Department of State.
 2021. Special Collections Library Fellow, UGA.
 2020. Aspire Fellow. Office of Faculty Affairs, UGA.
 2019. *Barry Bishop Career Award*. Mountain Geography Specialty Group of the Association of American Geographers (AAG).
 2019. *Chair*, Commission of Mountain Studies of the International Geographical Union (IGU).
 2019. *Co-Chair* of the Latin American and Caribbean Mountains Research and Innovation Network (LACAMONT).
 2018. Franklin International Faculty Exchange (FIFE) *recipient*. UGA.
 2018. *Visiting professor*. Pontifical Catholic University of Chile-Villarrica.
 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.
 2015. *Outstanding Teaching Faculty Award*. Franklin College. April. 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* as finalist 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]

Distinguished Lectures and Presentations

2022. *Guest Speaker*. Montology: Towards a convergence of mountain sciences. UNESCO chair of Culture-Nature Linkages. Heritage Studies, University of Tsukuba, Tsukuba, Japan.
2022. *Guest Speaker*. Montology palimpsest: The new geographies of mountain conservation. Institute for Advance Studies of Sustainability (IAS) of the University of the United Nations (UNU). Tokyo, Japan.
2022. *Icebreaker talk*. Inaugural session of the International Mountain Conference IMC-2022, Innsbruck, Austria.
2022. *Leader*. International Symposium of Mountain Studies, International Geographical Union IGU, Paris, France.
2022. *Keynote Speaker*. International Conference on Research, Technology and Innovation. Superior Polytechnic School of Chimborazo. Riobamba, Ecuador.
2021. *Guest speaker*. Master’s Program on Climate Change and Sustainability. Andean University Simón Bolívar (UASB), Quito, Ecuador (Virtual).
2021. *Guest speaker*. Institute for Resources, Environment and Sustainability (IRES) colloquium, The University of British Columbia, Vancouver campus. Canada. (Virtual).
2020. *Chair of the Mountain Studies panel of the IGU India International Conference*. Mohanlal Sukhadia University, Udaipur, India. (Virtual).
2020. *Guest Speaker*. Graduate program Territorial Studies of the Global South. Department of Geography. University of Concepción, Chile. (Virtual).
2020. *Keynote Speaker*. Inaugural Workshop of Mountain Science Program. University of Tsukuba, Japan.
2019. *Keynote Speaker*. Mountains, Ecology and Climate Change. First Latin American Botanical Gardens conference. Botanical Gardens Conservation International (BGCI). Ibagué, Colombia.
2019. *Guest Speaker*. Watershed sustainability and the Humboldtian paradigm. 50th Anniversary of the Alexander Von Humboldt Botanical Garden at the University of Tolima. Colombia.
2019. *Keynote Speaker*. Institute of Interdisciplinary Mountain Research. IGF. Austrian Academy of Sciences. Innsbruck, Austria.
2019. *Panel Member*. International experts’ workshop on Ecosystem Services and Benefits from Nature to People for the Satoyama Initiative, University of the United Nations, Tokyo, Japan.
2019. *Convener*. International Conference on “Past Plant Diversity, Climate Change and Mountain Conservation”. University of Cuenca, Ecuador.

2018. *Keynote Speaker*. International Conference Mountains 2018. Nova Friburgo, Brazil.
2018. *Keynote Speaker*. Mountain forests and climate change. XII. Latin American Congress of Botany. Quito, Ecuador.
2018. *Keynote Speaker*. II Chilean Colloquium of Socioecology and Ethnoecology. Concepción.
2018. *Panel member*. International experts workshop on SocioEcological Production Landscapes for the Satoyama Initiative, University of the United Nations, Tokyo, Japan.
2018. *Guest Speaker*. UNESCO Chair, Cultural Heritage. Tsukuba University of Technology, Tsukuba-Tokyo.
2018. *Keynote Speaker*. Mountains' session. IGU Thematic Meeting: 100 years of the Institute of Geography of the Russian Academy of Sciences. Moscow, Russia (declined).
2018. *Guest Speaker*. First Geography Congress of Ecuador. Pontifical 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.
2016. *Poster presenter*. Latin American Congress of Ornithology. Manaus, Brazil.
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. 12th 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 21st 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*. 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.
2007. *Secretary and convener*. 7th International Congress on Ethnobiology. Athens, GA.
2006. *Keynote Speaker and Convener*: 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. *President and Convener*. 3rd International Symposium on Sustainable Mountain Development: Understanding interfaces of Andean cultural landscapes for management. Andean Mountain Association. Quito, Ecuador.
1998. *Keynote Speaker*. IV Latin American Congress of Ecology. Arequipa, Peru.

Affiliation to Professional Societies

- International Program of the Satoyama Initiative (IPSI). Steering Committee*. The United Nations University (UNU), Tokyo, Japan.
- Global Land Group*. University of Bern, Bern, Switzerland.
- Earth Ethics Institute. Steering Committee*, Miami-Dade College (EEI-MDC)
- Association of American Geographers*. Mountain Geography Specialty Group (MGSG)
Biogeography Specialty Group (BGSF). 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 Mountains and Climate Change 2010-2020.
Steering Committee envoy for the 2011 IGU meeting in Santiago.
Keynote speaker for the IGU regional meeting in Russia 2018.
Keynote Icebreaker. International Mountain Conference, Innsbruck, Austria 2022.
Chair, Commission of Mountain Studies (CMS) 2020-2024.
- International Biogeography Society*. Neotropical section and Human Dimensions in Climate Change. (IBS).
- International Society for the Study of Religion, Nature and Culture*. (ISSRNC).
- Association of International Education Administrators (Research Committee) (AIEA)*.
- Association of International Educators*. (Immigration and Study Abroad) (NAFSA).
- Latin American Studies Association*. (Andes) Special recognition given in Rio de Janeiro, Brazil, in June 2009, as the first Latino Fulbright Scholar Ambassador. (LASA).
- International Mountain Society*. Highland/Lowland Dynamics working group. (IMS).
- International Society of Ethnobiology*. Code of Ethics and Ethnomedicine working groups (ISE)
- Andean Mountains Association*. President 1998-2001 (AMA).
- 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) (US-IALE)*.
- Ecological Society of America (Mountain ecology, Sustainable Development) (ESA)*.
- Latin American Center for Social Ecology (CLAES)*.
- World Conservation Monitoring Centre*, (Tropical Montane Cloud Forests Initiative).
- Mountain Forum, The Mountain Institute (TMI)*.
- Pan American Center for Geographical Research and Studies (CEPEIGE)*.
- International Union for the Conservation of Nature and Natural Resources IUCN) World Commission Protected Areas, (WCPA) Member of the Mountain Protected Area Network. Deputy Vice-Chair for Mountains –Capacity Building*.

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 readings. 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. 15 students.

Advising activities

2015-2019. Undergraduate Coordinator. Geography Department.

2012-2015. Undergraduate Advising as member of the Undergraduate Committee, Geography

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 American and foreign universities. Most recently, UTJ University of Tsukuba, Japan; UNU United Nations University, Tokyo, Japan; UASB Universidad Andina Simón Bolívar, Quito, Ecuador; IRES University of British Columbia, Canada; ESPOCH Superior Polytechnic School of Chimborazo, Riobamba, Ecuador; UTJ Tsukuba University, Japan; UTC University of Tolima, Ibagué, Colombia; UCC Universidad de Concepción, Chile; UIA University of Innsbruck, Austria; UNTRM Universidad Nacional Toribio Rodríguez de Mendoza de Amazonas, Chachapoyas, Peru; AUG Augusta University of Georgia; PUCC Universidad Católica de Chile, campus Villarrica; UAR Universidad Antonio Ruiz, Lima, Peru; UCE Universidad de Cuenca, Ecuador; USC Universidad Compostelana, Santiago de Compostela, Spain; MCU Marie Curie University, Paris, France; PUCE Catholic University Ibarra, Ecuador; IGF Institute of Mountain Research: Man and Environment, Innsbruck, Austria; FML Fundación Miguel Lillo, Tucumán, Argentina; CSU Columbus State University of Ga; IEP Instituto de Ecología Pirenaico in Jaca, Spain; ICHSM International Center for Higher Studies of the Mediterranean in Spain; UBCH University of Bern (teleconference) in Switzerland; UBA University of Buenos Aires (teleconference) in Argentina; USA University of Salzburg in Austria; UC University of Chile in Santiago, Chile; USA University San Agustín of Arequipa, in Peru; PUCE Catholic University of Ecuador in Quito and in Ibarra; UC University of Cuenca in Ecuador, EARTH University (Escuela de Agricultura para la Región Tropical Húmeda) and CATIE (Agronomy Center for Tropical Research and Teaching) in Costa Rica; and UDLA 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 LatinX in Georgia.

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

Visiting scholars' supervisory member

Neslihan Dal (Turkey), Tomás Ibarra (Chile), Ellen Delgado (Peru), Samia Fernández (Peru), Kelly Swing (Ecuador), Oliver Chassot (Costa Rica), Constanza Ceruti (Argentina), Ricardo Rozzi (Chile).

Graduate Supervisory Committee Member

Daniel Villar, PhD. University of Oxford, England
Andrés Quintero Angel, PhD. Universidad del Valle, Colombia
Octavian-Andrian Stamate, MSc. University of Liège, Belgium
Benjamin Proux, PhD. Environmental Design. University of Georgia
Juan Camargo, PhD. Romance Languages. University of Georgia
Vineet Date, PhD. Environmental Design. University of Georgia
Steve Padgett-Vasquez, PhD. Geography ICON University of Georgia
Kenneth Taylor, Ph.D. Landscape Heritage. Deakin, Australia
Berea Antaki, MSc. Family and Consumer Science. 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, PhD. 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. PhD. Geography, University of Georgia
Carla Marchant. PhD. 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. PhD. Geography, University of Georgia
Michael R. Coughlan, Anthropology, University of Georgia
Chris Graham. MSc. Plant Sciences, University of Georgia
Sakura Evans. PhD. Anthropology, University of Georgia
Ted Maclin. PhD. Anthropology, University of Georgia
Zaroo Hyeon. PhD. Geography, University of Georgia
Polly Bass, PhD. 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 University

Major professor, current

Constanza Urresty Vargas, M.Sc. *Human-environment relationships in socioecological mountainscape of the La Campana-Peñuelas Biosphere Reserve.*

Major professor, completed

Inhye Kong. Ph.D. (Graduate Presidential Fellowship recipient). *Social Media Indicators of Cultural Ecosystem Services for Nature Conservation in Mountain Protected Areas.*

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, Dasymetric Mapping and Population Dynamics in Northwest Florida 1974-2025*
Assistant Professor, Engineering and GIS. Catholic University of 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

2022-present. Advisor, Laboratorio Natural Andes del Sur. Austral University, Chile.

2020-present. Node, Ecological legacy in Satoyama Landscapes, United Nations University (UNU), Institute for the Advanced Study of Sustainability (IASS).

2019-present. Chair, Committee of Mountain Studies, International Geographical Union (IGU).

2018-present. Latin American and Caribbean Mountain Research and Innovation Network.

2012-present. Director, Neotropical Montology Collaboratory

2010-2012. Regional Coordinator of the mountain Research Initiative's (MRI) Americas Cordillera Research Network

Reviewer (Manuscripts)

Journal of Mountain Science, Forest, Journal of Ecology, Land, Sustainability, Australian Journal of Botany, Journal of Mountain Science, Pirineos Journal of Mountain Ecology, Past Global Changes, Australian Journal of Botany, Journal of Vegetation Science, Annals of the American Association of Geographers, Journal of Latin American Geography, Biotropica, Journal of Geomorphology, Southeastern Geographer, Bulletin of Latin American Research, Ambio, Environmental Conservation, Mountain Research and Development, Bulletin of the International Geographical Union, The Geographical Review, The Geographical Journal, Geografía Aplicada y Desarrollo.

Reviewer (Proposals)

Chilean National Agency for Research and Development; National Science Foundation, International Programs of Science and Engineering; National Academy of Arts and Sciences; The National Geographic Research and Exploration; The Social Science Research Council; Czech Science Foundation; Fondo Nacional de Ciencia y Tecnología, Chile; and Pan American Center for Geographical Research and Studies. Book proposals for Springer-Nature-Switzerland; University of Chicago Press; Edward Elgar; and Nova Publishers.

Media outreach and additional training:

ÖEAW-IGF Newsletter – Vienna, Austria 2022
Special Collections Faculty Teaching Fellows 2021
Mentoring Faculty Learning Community 2020-2021

Aspire Fellowship – Faculty development 2020-2021
Internationalization Faculty Learning Community 2015-2016
4 Principles of Cooperative Learning, 10/22/2019, Alice Hunt
Critical Digital Humanities, Faculty Learning Community, Fall 2019 - Spring 2020
Interviewed with *América Latina en Movimiento* and broadcasted in ALAINET
Quoted in radio programs on Latinos in the USA. NPR. FM91.7
Interviewed, chronicle on Tropical Cloud Forests. *ScienceNews*. Interview for the *Mountain Forum*
Local media releases (*Atlanta Journal-Constitution*, *Mundo Hispánico*, *Athens Banner-Herald*).
Atlanta High School Graduate (Atlanta).
International Newspapers (*Wakayama Daily* (Japan); *El Comercio* (Quito), *El Mercurio* (Cuenca),
Periódico Hoy (Quito), *El Comercio* (Lima), *El Cajachito* (Arequipa), *Correo del Caroní* (Ciudad
Bolívar).
Online news media: interview published on Alainet.org <https://www.alainet.org/es/articulo/201005>
University media (*Research News*, *Sustainability Outreach*, *Georgia Magazine*, *Columns*, and the
Red and Black, *University Cable TV*, *University Public Radio*).

Athens, February 1st, 2023