

Curriculum Vitae

Carolina Sofia Velasquez Calderon

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General Information

University address: Geography
Geography
113 Collegiate Loop Room 316, Bellamy Bldg
Florida State University
Tallahassee 32306-2190
Phone: 8502641610

E-mail address: csv23@fsu.edu

Web site: <https://coss.fsu.edu/geography/faculty/carolina-velasquez/>

Professional Preparation

- 2020 Ph.D., University of Delaware. Major: Disaster Science and Management. Supervisor: Tricia Wachtendorf. Mark A. Haskell Award for demonstrating consistently superior performance in doctoral dissertation.
- Carolina Sofia Velasquez Calderon. (2020). *Surrounded by water, but none to drink: Water crisis in San Andrés, a Caribbean Colombian Island*. (Doctoral dissertation, University of Delaware). Retrieved from <https://udspace.udel.edu/handle/19716/28866>.
- 2009 M.Sc., National University of Colombia - Caribbean Headquarters San Andres. Major: Caribbean Studies. Supervisor: Adriana Santos-Martínez. Meritorious mention for significant contribution in the master's thesis.
- Carolina Sofia Velasquez Calderon. (2009). *Risk in the Agricultural Production System: Effects of Hurricane Beta on the Islands of Providencia and Santa Catalina in a Caribbean Context*. (Master's thesis, National University of Colombia - Caribbean Headquarters San Andres). Retrieved from https://www.academia.edu/31413494/El_riesgo_en_el_sistema_productivo_agrícola_Efectos_del_Hurac.
- 2003 Bachelor, Universidad Autonoma de Occidente [Autonomous University of the West]. Major: Natural Resources and Environmental Management. Supervisor: Rafael Contreras.

Carolina Sofia Velasquez Calderon. (2003). *Analysis and cultural management of the Iguana Iguana rinolopha in San Andrés Island, Colombia*. (Bachelor's thesis, Universidad Autonoma de Occidente [Autonomous University of the West]). Retrieved from <https://red.uao.edu.co/handle/10614/5999>.

Nondegree Education and Training

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|------|-------------------------------------------------------------------------------------------------|
| 2023 | Competency-based Pedagogy.
Polytechnic of Colombia. |
| 2020 | Course in the Protection of Human Subjects.
Collaborative Institutional Training Initiative. |
| 2016 | Quick Response Field Research Workshop.
University of Delaware, Disaster Research Center. |
| 2013 | English as a Second Language.
University of Delaware, English Language Institute. |
| 2012 | Basics in Geographic Information Systems -GIS.
National University of Colombia. |
| 2010 | Risk Management Applied to Food Security.
Food and Agriculture Organization FAO. |

Professional Credential(s)

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| 2011–present | AF20340991502.
Professional Council of Environmental Management of Colombia - Consejo Profesional de Administración Ambiental CPAA. |
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Professional Experience

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| 2023–present | Assistant Professor, Geography, Florida State University. |
| 2021–2023 | Consultant, GIZ-Resilience Solutions. Consultancy services for risk-informed development process evaluation and capacity building in Colombia. |

- 2022 Professor, Risk Management and Development Master, Military School of Engineering. Bogota, Colombia. Disaster Risk Management Public Policy.
- 2022 Consultant, Government of San Andres, Providencia, and Santa Catalina. Colombia. Analysis of Climate Change effects associated with fishing activity in the Archipelago Department of San Andrés, Providencia, and Santa Catalina.
- 2021 Consultant, National University of Colombia - Caribbean Headquarters San Andres. Provide professional services for the academic organization of scientific events in Disaster Risk Management.
- 2019 Consultant, Government of San Andres, Providencia, and Santa Catalina. Colombia. Review and adjustment of the environmental component of the Land Use Plan; Incorporation of environmental planning legal instruments and regulatory mapping into the Land Use Plan.
- 2014 Consultant, National University of Colombia - Caribbean Headquarters San Andres. Formulate project: "Climate change adaptive models in San Andrés, Providencia and Santa Catalina" and presentations and meetings with partners of the project.
- 2013–2014 Consultant, Government of San Andres, Providencia, and Santa Catalina. Colombia. Formulation of a Land Use Plan environmental dimension; Review and evaluate the environmental component of the Land Use Plan; Use GIS to map environmental conflicts and protected areas on the island.
- 2011–2012 Assistant Coordinator, National University of Colombia - Caribbean Headquarters San Andres. Develop and implement the Environmental Management System; Develop and implement the Research Program of the Botanical Garden; Provide support for the formulation and implementation of environmental projects.
- 2009 Project Coordinator, National University of Colombia and Pan American Development Foundation -FUPAD. Develop the International Hurricane Risk and Crisis Management course; Coordinate the course academically and administratively, and evaluate student performance.
- 2006–2008 Director, Special Administrative Unit of Public Services, Government of San Andres, Providencia, and Santa Catalina. Colombia. Direct evaluation of public services, contributing to paperwork agility and efficiency; Direct the implementation of mechanisms to guarantee the continuing provision of public services; Direct the formulation of cost/benefit studies on behalf of the public service.

Language Proficiency

Spanish - native in speaking, reading, and writing.

Areas of Expertise

Disaster Risk Management and Climate Change.
Ecosystem-Based Disaster Risk Reduction. [Colombia].
Environmental Studies. [Colombia].
Water Crisis and Water Justice. [Small Islands].

International Affiliations

2020–present	Doctoral professionals Association of Colombia SoPhic; Colombia; Research.
2020–present	Risk Communication in Concurrent Disasters at the US Natural Hazard Center, Social Science Extreme Events Research—SSEER; United States; Research.
2008–present	Environmental Studies research group at the National University of Colombia and the Ministry of Science, Technology, and Innovation of Colombia (MINCIENCIAS); Colombia; Research.
2022–present	Latin American and Caribbean Women's Network for Disaster Risk Reduction; Latin America and Caribbean; Network.
2022–present	Organization for Women in Science for the Development World - OWSD National chapter Colombia; Colombia; Research.
2021–present	Corporation Center of Excellence in Marine Sciences CEMARIN; Colombia; Research.

Honors, Awards, and Prizes

Mark A. Haskell Award, Biden School of Public Policy and Administration. University of Delaware (2021). (\$500).

Mark A. Haskell Award to a doctoral student for demonstrating consistently superior performance in the doctoral dissertation, in the field of urban affairs and public policy, particularly in the area of political economy.

COVID-19 Working Groups for Public Health and Social Sciences Research, National Science Foundation-funded Social Science Extreme Events Research (SSEER) network and the CONVERGE facility at the Natural Hazards Center at the University of Colorado Boulder. (2020). (\$1,000).

Risk Communication in Concurrent Disasters Working Group
As the COVID-19 pandemic unfolds, for many, it is not the only unfolding disaster. Tornadoes, earthquakes, fires, floods, and others are simultaneously affecting millions of people. Others recovering

from recent disasters are also considering adjustments to prepare for potential events related to seasonal and year-round hazards. This Working Group focuses on understanding how people affected by sequential and concurrent disasters make decisions to protect themselves and others.

Meritorious mention in master's thesis, National University of Colombia, Caribbean Headquarters (2009).

Meritorious mention for significant contribution to Caribbean Studies.

Fellowship(s)

University of Delaware, Office of Graduate and Professional Education, Professional Development Award (2019).

Grant to support travel to present at the Third Northern European Conference on Emergency and Disaster Studies in Uppsala, Sweden.

Ph.D. Scholarship "Doctorados en el Exterior (PhDs Abroad), number 646." Ministry of Science, Technology, and Innovation of Colombia (MINCIENCIAS) (2015–2019).

University of Delaware, Disaster Research Center (2018).

Fellowship to participate, as a presenter, in the ISA World Congress of Sociology- Research Committee on Disasters in Toronto, Canada.

Scholarship to support doctoral studies. Biden School of Public Policy. University of Delaware (2015–2017).

Russel Dynes Fellowship. University of Delaware, Disaster Research Center (2016).

To support travel to present at the 41st Annual Natural Hazard Research and Applications Workshop.

University of Colorado Natural Hazards Center (2016).

Quick Response Grant Program funded by the National Science Foundation. Grant number CMMI1030670.

Basics in Geographic Information Systems. National University of Colombia, Caribbean headquarters San Andres (2012).

National University of Colombia, Caribbean Headquarters (2008).

Grant to develop Master's thesis research.

Autonomous University of the West (2001).

Grant to develop bachelor's thesis research.

Current Membership in Professional Organizations

American Association of Geographers (AAG)

Caribbean Studies Association (CSA)

Doctoral professionals Association of Colombia (SoPhic)

Latin American and Caribbean Women's Network for Disaster Risk Reduction

Organization for Women in Science for the Development World - OWSD National chapter

Colombia

Teaching

Courses Taught

Culture, Land and Ecology: A Seminar in Black Environmental History and Politics (AFA4358)
Disasters, Vulnerability, Risk (GEO5934)
Disaster Risk Management Plans
Disaster Risk Management Public Policy
Sociology, Participation, and Disaster Risk Communication

Master's Committee Chair

Castro, S., graduate. (2023). *Diseño de lineamientos de gestión del riesgo de desastres al plan de equipamientos de culto de la isla de San Andrés, Colombia. [Design of disaster risk management guidelines for the religious worship facilities plan on the island of San Andrés, Colombia].* [Risk Management and Development Master. Military School of Engineering. Bogota, Colombia]

Master's Committee Member

Vargas Navarro, H. J., graduate. (2023). *Diseño de la estrategia municipal de respuesta a emergencias del municipio de Funza. [Design of the Municipal Emergency Response Strategy for the Municipality of Funza].* [Risk Management and Development Master. Military School of Engineering. Bogota, Colombia]

Master's Thesis Mentorship

Velasquez Calderon, C. S. (2021). *Mentorship for the student Natalia Lazaro. Name of the thesis Project: "Governance and resilience of the tourism sector in San Andres Island, Colombia." Master Studies in Aquatic Tropical Ecology -ISATEC.* Bremen University, Germany.

Research and Original Creative Work

Research interests and work: Water crisis, Water justice, and Social Vulnerability Studies; Disaster Risk Management Policy, Preparedness, and Recovery; Climate Change Adaptation and Maladaptive Strategies; Ecosystem-Based Disaster Risk Reduction and Environmental Land Use Planning.

Publications

Refereed Journal Articles

Velasquez Calderon, C. S., & Wachtendorf, T. (2023). Desalination and the reproduction of water injustices in the San Andrés Island water crisis. *Water Alternatives*, 16(2), 632-658. Retrieved from <https://www.water-alternatives.org/index.php/alldoc/articles/vol16/v16issue2/715-a16-2-16/file>

This research explores the complex interplay between social inequalities, climate-induced water crises, and the adoption of desalination as a technical solution in San Andrés, a Colombian Caribbean Island, revealing that the reliance on desalination perpetuates and reinforces pre-existing injustices, resulting in a persistent cycle of water crises. Coauthor: Dr. Tricia Wachtendorf. Director Disaster Research Center, Department of Sociology and Criminal Justice, University of Delaware Newark, DE, USA; twachten@udel.edu.

Velasquez Calderon, C. S. (2020). The 2016 Water Crisis in San Andres Island: An Opportunity for Change? *Ciencia Política*, 15(29), 73-109. Retrieved from <https://revistas.unal.edu.co/index.php/cienciapol/article/view/86373> doi:10.15446/cp.v15n29.86373

Velasquez Calderon, C. S. (2018). Making Sense of 2016 Water crisis in San Andrés. A Colombian Caribbean island. *Anais Brasileiros de Estudos Turísticos/ABET*, 8(3), 59-73. Retrieved from <https://periodicos.ufjf.br/index.php/abet/article/view/13868> doi:10.34019/2238-2925.2018.v8.13868

Velasquez Calderon, C. S., & Santos-Martínez, A. (2010). Vulnerabilidad socioeconómica de los agricultores frente a huracanes en las islas de Providencia y Santa Catalina, Caribe colombiano [Socio-economic vulnerability of farmers facing hurricanes on the islands of Providencia and Santa Catalina, Colombian Caribbean]. *Gestión y Ambiente*, 13(1), 07-20. Retrieved from <https://revistas.unal.edu.co/index.php/gestion/article/view/25376>

Edited Books

Mantilla, S., Velasquez Calderon, C. S., Roman, R., & James, J. (Eds.). (2016). *Desarrollo y Turismo Sostenible en el Caribe [Sustainable Development and Tourism in the Caribbean]*. San Andrés isla, Colombia; Centro de Pensamiento del Caribe, Universidad Nacional de Colombia, Sede Caribe. Retrieved from https://books.google.com.co/books/about/Desarrollo_y_turismo_sostenible_en_el_Ca.html?id=tzSrDwAAQBAJ&printsec=frontcover&source=kp_read_button&redir_esc=y#v=onepage&q&f=false

Santos-Martínez, A., & Velasquez Calderon, C. S. (Eds.). (2008). *Gestión del riesgo y Manejo de Crisis frente a Huracanes, Guía de Preparación [Hurricane preparation guide for risk management and crisis management]*. San Andrés isla, Colombia; Universidad Nacional de Colombia, Sede Caribe. Retrieved from https://www.academia.edu/30008339/Gesti%C3%B3n_del_Riesgo_y_Manejo_de_Crisis_Frente_a_Huracanes

Refereed Book Chapters

- Velasquez Calderon, C. S. (2022). Plan Territorial de Gestión del Riesgo de Desastres [Disaster Management Plan]. In Oscar J. Herrera, Carlos A. Baena, & Shirley Merchan (Eds.), *Libertad Religiosa: Diálogo Cívico Militar Humanitario Respuesta en Desastres* (pp. 40-60). ESING Escuela de Ingenieros Militares. Retrieved from <https://www.ejercito.mil.co/libro-libertad-religiosa-dialogo-civico-militar-humanitario-respuesta-en-desastres/>
- Velasquez Calderon, C. S. (2011). La Percepción del riesgo de los agricultores de la isla de Providencia y Santa Catalina [Risk perception of farmers on the islands of Providencia and Santa Catalina facing hurricanes]. In Roman, Raul (Ed.), *Cultura, Sociedad, Desarrollo e Historia en el Caribe colombiano [Culture, Society, Development and History in the Colombian Caribbean]* (pp. 135-167). San Andrés isla, Colombia; Universidad Nacional de Colombia, Sede Caribe. Retrieved from https://www.academia.edu/5859831/Vel%C3%A1quez_C_La_Percepci%C3%B3n_del_Riesgo
- Santos-Martínez, A., & Velasquez Calderon, C. S. (2010). Vulnerabilidad físico técnica del sector agrícola en las islas de Providencia y Santa Catalina, Caribe colombiano [Physical and technical Vulnerability of the Islands of Providencia and Santa Catalina, Colombian Caribbean]. In Sánchez L., Galvis A., Restrepo I., Peña M. (Eds.), *Gestión integrada del recurso hídrico frente al cambio climático [Integral management of water resources under climate change]*. Cali, Colombia; Universidad del Valle. Retrieved from https://www.researchgate.net/publication/297714381_Conferencia_AGUA_2009_Gestion_integrada_del_recurso_hidrico_frente_a_l_cambio_climatico_Cali_-Colombia
- James, J., Hayes, L., Velasquez Calderon, C. S., & Fonseca, L. (2008). Evaluación social, económica, y ambiental de los impactos del huracán Beta en las islas de Providencia y Santa Catalina [Social, economic, and environmental evaluation of the impacts of Hurricane Beta on the islands of Providencia and Santa Catalina, Colombian Caribbean]. In Santos-Martínez, A. and Velásquez, C. (Eds.), *Gestión del Riesgo y Manejo de crisis Frente a huracanes, Guía de preparación [Hurricane preparation guide for risk management and crisis management]*. San Andrés isla, Colombia; Universidad Nacional de Colombia, Sede Caribe.
- Santos-Martínez, A., & Velasquez Calderon, C. S. (2008). Lecciones sobre la Gestión del Riesgo y Manejo de crisis por huracanes: caso Beta en Providencia y Santa Catalina, Caribe colombiano [Lessons for hurricane risk and crisis management: Beta case in Providencia y Santa Catalina]. In Santos-Martínez, A. and Velásquez, C. (Eds.), *Gestión del Riesgo y Manejo de crisis Frente a huracanes, Guía de preparación [Hurricane preparation guide for risk management and crisis management]* (pp. 37-39). San Andrés isla, Colombia; Universidad Nacional de Colombia, Sede Caribe. Retrieved from <https://www.researchgate.net/publication/>

297714303_LECCIONES_SOBRE_LA_GESTION_DEL_RIESGO_Y_MANEJO_DE_CRISIS_POR_HURACANES_CASO_BETA_EN_PROVIDENCIA_Y_SANTA_CATALINA_CARIBE_COLOMBIANO

Refereed Reports

Santos-Hernández, J., Velasquez Calderon, C. S., Aguirre, B., Arellanos Ceballos, A., Barrios, R. E., Cuevas, A., Campbell, N., Concepción, C., Dakey, S., Dietrich, A., Figueroa Huertas, A., Kuligowski, E., Hackerott, C., Jaramillo Nieves, L., Laska, S., Louis Charles, H., Jo Johnson, K., Mcbride, S. K., Méndez Heavilin, A., & Neuberger, L. (2020). *Risk Communication in Concurrent Disasters - A Research Agenda-Setting Paper* (CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research - Research Agenda-Setting Paper). Boulder, CO, University of Colorado, Natural Hazard Center, SSEER, CONVERGE. Retrieved from <https://www.iris.unina.it/handle/11588/816568?mode=complete>

CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research - Research Agenda-Setting Paper / Aguirre, Benigno; Arellanos Ceballos, Aideé; Barrios, Roberto E.; Cuevas, Alicia; Campbell, Nnenia; Concepción, Carmen; Dakey, Shruthi; Dietrich, Alexa; Figueroa Huertas, Alejandra; Kuligowski, Erica; Hackerott, Caroline; Jaramillo Nieves, Lorna; Laska, Shirley; Louis Charles, Hans; Jo Johnson, Katherine; Mcbride, Sara K.; Méndez Heavilin, Ashley; Neuberger, Lindsay; Lynn Olson, Laura; Punziano, Gabriella; Santos-Hernández, Jenniffer; Spinney, Jennifer; Velásquez Calderón, Carolina; Velotti, Lucia; Walsh, Wendy; Wein, Anne; Young, Camila. - (2020), pp. 1-11.

Velasquez Calderon, C. S. (2015). *Community Perceptions of Water Access and Availability: San Andrés Island, Colombian Caribbean* (Natural Hazards Center Quick Response Grant Report Series, 264). Boulder, CO, University of Colorado, Natural Hazard Center. Retrieved from <https://hazards.colorado.edu/quick-response-report/community-perceptions-of-water-access-and-availability-san-andres-island-colombian-caribbean>

Velasquez Calderon, C. S. (2014). *Determinantes ambientales y suelos de protección ambiental de la Isla de San Andrés, Caribe insular colombiano [Environmental determinants and environmental protection soils of San Andrés Island, Colombian insular Caribbean]*. Gobernacion Departamento Archipiélago de San Andres, Providencia y Santa Catalina. Retrieved from https://www.researchgate.net/publication/324877054_Determinantes_ambientales_y_suelos_de_proteccion_ambiental_de_la_Isla_de_San_Andres_Caribe_insular_colombiano?channel=doi&linkId=5ae8aed845851588dd81

Refereed Newsletter Articles

Velasquez Calderon, C. S. (2022, December). Desafíos del riesgo climático en la RB Seaflower: balance 2022 [Challenges of Climate Risk in the Seaflower Biosphere Reserve: 2022 Overview]. *El Isleño.com*. Retrieved from https://www.xn--elisleo-9za.com/index.php?option=com_content&view=article&id=26406:2022-12-31-22-32-33&catid=41:ambienta

l&Itemid=83

- Velasquez Calderon, C. S. (2022, July). Las lecciones que nos deja Bonnie [Lessons from Bonnie]. *El Isleño.com*. Retrieved from https://www.elisle#241;o.com/index.php?option=com_content&view=article&id=25204:2022-07-03-07-42-06&catid=47:columnas&Itemid=86
- Velasquez Calderon, C. S. (2021, November). A un año de Iota: La reducción del riesgo en un entorno de recuperación post desastre [One year since Iota: Risk reduction in a disaster recovery context]. *El Isleño.com*. Retrieved from https://www.xn--elisleo-9za.com/index.php?option=com_content&view=article&id=23314%3A2021-11-14-15-00-33&catid=47%3Acolumnas&Itemid=86&fbclid=IwAR2Ai0624B7vXQrTq8RB6IBHAFdlKiGdmfm6sUnijanNaOyAAsF4TxsS
- Velasquez Calderon, C. S. (2021, September). De-construyendo el desastre [De-constructing the disaster]. *El Isleño.com*, 180, 20. Retrieved from https://issuu.com/el_isleno/docs/el_isle_o_180
- Velasquez Calderon, C. S. (2021, August). El desafío de los desastres actuales y nuestro enfoque para la gestión de los riesgos [Today's disasters challenges and our risk management approach]. *El Isleño.com*. Retrieved from http://www.elisle#241;o.com/index.php?option=com_content&view=article&id=22649:2021-08-29-08-48-04&catid=47:columnas&Itemid=86
- Velasquez Calderon, C. S. (2021, June). Let us work on recovery planning for now and for future risks. *El Isleño.com*. Retrieved from https://www.facebook.com/permalink.php?story_fbid=4139828526052434&id=126890277346299
- Velasquez Calderon, C. S. (2021, January). Seaflower y la Gestion del Riesgo de Desastres [Seaflower and Disaster Risk Managment]. *El Isleño.com*. Retrieved from https://www.xn--elisleo-9za.com/index.php?option=com_content&view=article&id=21279:seaflower-y-la-gestion-de-riesgo-de-desastres&catid=47:columnas&Itemid=86
- Velasquez Calderon, C. S. (2020, December). El proceso de reconstrucción y su disyuntiva [The reconstruction process and its dilema]. *El Isleño.com*. Retrieved from https://www.xn--elisleo-9za.com/index.php?option=com_content&view=article&id=21511:2021-03-13-13-13-17&catid=47:columnas&Itemid=86
- Velasquez Calderon, C. S., & Santos-Martínez, A. (2020, December). Lecciones para la gestión del riesgo en el Archipiélago [Risk management Lessons learnt for the Archipelago]. *UN Periodico*. Retrieved from http://unperiodico.unal.edu.co/voces_del_archipelago/#content

Presentations

Refereed Papers at Conferences

Velasquez Calderon, C. S. (presented 2016). *Social Participation in Adaptation to Climate Change in San Andrés Island, Colombian Caribbean*. Paper presented at 184 IRCD Researcher Meeting, University of Colorado, Natural Hazard Center, Broomfield, CO. (National) Retrieved from https://www.researchgate.net/publication/318781353_Social_participation_in_Adaptation_to_Climate_Change_in_San_Andres_Island_and_Colombian_Caribbean

Velasquez Calderon, C. S. (presented 2015, March). *Las reservas de biosfera en el Gran Caribe: Un desafío para el ordenamiento territorial: El caso de la reserva de biosfera Seaflower, Caribe insular colombiano [Biosphere Reserves in the Greater Caribbean: a challenge for territorial zoning, the case of Seaflower Biosphere Reserve, Colombian Caribbean Region]*. Paper presented at El Caribe Mas allá del Litoral, El mundo rural: Primera Conferencia Internacional de la Asociación Colombiana de Estudios del Caribe (ACOLEC), Asociación Colombiana de Estudios del Caribe [Colombian Association of Caribbean Studies] ACOLEC, Monteria, Colombia. (National)

Velasquez Calderon, C. S. (presented 2010). *Gestión del riesgo y seguridad alimentaria: Análisis de vulnerabilidad de los agricultores de la isla de Providencia y Santa Catalina, frente a huracanes [Risk Management of Hurricanes and Food Security issues: Analysis of vulnerability of farmers on Providencia and Santa Catalina Islands]*. Paper presented at Primer Congreso Internacional de Estudios Caribeños [First International Congress for Caribbean Studies], National University of Colombia, Caribbean Headquarters, San Andres, Colombia. (International) Retrieved from https://www.researchgate.net/publication/322896873_Primer_congreso_internacional_de_Estudios_Caribenos_Region_y_Nacion_en_el_Caribe_y_America_Latina_200_anos_despues_de_las_independencias

Refereed Presentations at Conferences

Velasquez Calderon, C. S., Santos-Martínez, A., Pratto, J., Ortiz, F., Hudgson, R., Britton, A., & Mitchell, D. (presented 2023, February). *Comprehensive Preparedness and response framework for tropical cyclone emergency in marine ecosystems*. Presentation at International Conference on Marine Science ICMS 2023, Corporation Center of Excellence in Marine Sciences CEMARIN, Cartagena, Colombia. (International) Retrieved from <https://marinescience.co/book-of-abstracts/>

Velasquez Calderon, C. S., & Wachtendorf, T. (presented 2023, February). *Reproducing water injustices in the San Andres Island water crisis*. Presentation at International Conference

on Marine Science ICMS 2023, Corporation Center of Excellence in Marine Sciences CEMARIN, Cartagena, Colombia. (International) Retrieved from <https://marinescience.co/book-of-abstracts/>

Velasquez Calderon, C. S. (presented 2019, June). *The 2016 water crisis in San Andres Island: An opportunity for change?* Presentation at Nature, Society, and Scale: The Fourth Northern European Conference on Emergency and Disaster Studies, Uppsala University, Department of Cultural Anthropology and Ethnology and the Centre of Natural Hazards and Disaster Science, Uppsala, Sweden. (International) Retrieved from <https://needs2019.com/conference-programme/>

Velasquez Calderon, C. S. (presented 2018, July). *Making sense of the 2016 San Andres water crisis, a Colombian Caribbean Island.* Presentation at XIX ISA World Congress of Sociology, RC39 Sociology of Disasters, Livelihood Resilience and Vulnerability, International Sociological Association, Faculty of Political Sciences and Sociology, University Complutense, Toronto, Canada. (International) Retrieved from <https://www.isa-sociology.org/en/conferences/world-congress/toronto-2018/>

Velasquez Calderon, C. S. (presented 2018, June). *Water justice in a Small Island: The case of San Andres Island, Colombian Caribbean.* Presentation at Education, Culture, and Emancipatory thought in the Caribbean: The 43rd Annual CSA Caribbean Studies conference, Caribbean Studies Association, Sir Arthur Lewis Institute of Social and Economic Studies (SALISES), University of the West Indies, University de La Habana, Havana, Cuba. (International) Retrieved from <https://www.caribbeanstudiesassociation.org/csa-conference-program/>

Velasquez Calderon, C. S. (presented 2016, May). *A snapshot of the 2016 drought in San Andres Island, Colombian Caribbean.* Presentation at Bridges of Understanding: The Latin America and United States, The Observatory on Latin America (OLA) of the New School and the Latin American Council of Social Sciences (CLACSO), New York. (International) Retrieved from <https://nuestras-ciudades.blogspot.com/2016/04/international-symposium-clacso-olathe.html>

Velasquez Calderon, C. S. (presented 2016, April). *Community participation to adapt to climate change: San Andrés Island, Colombian Caribbean.* Presentation at It's About Time: Understanding the Past, Engaging the Present, Creating the Future: The Sixth Annual University of Delaware Graduate Research Forum, University of Delaware, Newark, DE. (National)

Invited Lectures and Readings of Original Work

Velasquez Calderon, C. S. (2023, October). *Desigualdades hídricas y gobernanza deficiente en la isla de San Andrés, Colombia [Water Inequalities and Poor Governance on the Island of San Andrés, Colombia]*. Delivered at University of Colima, Mexico, Colima, Mexico-

Virtual. (International)

- Velasquez Calderon, C. S. (2023, February). *Resiliencia de Comunidades Vulnerables ante Crisis: La Crisis del Agua en San Andrés isla. [Resilience of Vulnerable Communities during crisis: The Water Crisis in San Andres island]*. Delivered at Universidad de los Andes and La Cruz Roja Colombiana, Virtual. (National) Retrieved from <https://www.youtube.com/watch?v=pNNAcp5Cgdg>
- Velasquez Calderon, C. S. (2023, February). *Social construction of water crises*. Delivered at Centro de Investigaciones Sociales -CIS [Social Research Center] Center for Puerto Rican Studies, Educational Research Center. University of Puerto Rico, Puerto Rico. (International)
- Velasquez Calderon, C. S. (2022, May). *Gestión del Riesgo de Desastres en el Caribe [Disaster Risk Management in the Caribbean Region]*. Delivered at National University of Colombia, Caribbean campus, San Andrés island, Colombia. (Local)
- Velasquez Calderon, C. S. (2022, April). *Políticas Públicas en Gestión del Riesgo de Desastres [Public Policy in Disaster Risk Management]*. Delivered at Universidad Católica de Manizales, Manizales, virtual. (National)
- Velasquez Calderon, C. S. (2021, October). *Desastres y Desarrollo en el Caribe [Disaster and Development in the Caribbean]. Procesos Económicos en la región Caribe [Economic Processes in the Caribbean Region course]*. Delivered at National University of Colombia, Caribbean Headquarters, San Andres, Colombia. (National)
- Caribbean Studies Master.
- Velasquez Calderon, C. S. (2021, April). *Construcción social de los desastres en el Archipiélago de San Andrés, Providencia y Santa Catalina [Social construction of disasters in the Archipiélago de San Andrés, Providencia y Santa Catalina]*. Delivered at National University of Colombia, Caribbean Headquarters, San Andres, Colombia. (National)
- Catedra Nacional de Pensamiento Crítico Caribe [National Panel of Caribbean Critical Thinking].
- Velasquez Calderon, C. S. (2016). *Desastres, Desarrollo y cooperación internacional [Disasters, Development, and International Cooperation]. " Course: Problemas contemporáneos de la región Caribe [The Contemporary Caribbean Region Problems course]*. Delivered at National University of Colombia, Caribbean Headquarters, San Andres, Colombia. (National)
- Velasquez Calderon, C. S. (2015, May). *Colombia: Problemas ambientales y desafíos actuales [Colombia: Environmental Problems and Current Challenges]. " Course: Colombia contemporánea [Contemporary Colombia course]*. Delivered at National University of Colombia, Caribbean Headquarters. (National)

Velasquez Calderon, C. S. (2014, March). *Vulnerabilidad social en la región Caribe [Social Vulnerability in the Caribbean Region]. "Clase: la Dimension Caribe en la Nación colombiana [Caribbean Dimension in the Colombian Nation course]*. Delivered at National University of Colombia, Caribbean Headquarters, San Andres, Colombia. (National)

Contracts and Grants

Resource Grant

Velasquez Calderon, C. S. (2019). A grant of 2360. *Grant to support travel to present at the Third Northern European Conference on Emergency and Disaster Studies in Uppsala, Sweden*. Sponsored by University of Delaware, Office of Graduate and Professional Education, Professional Development Award.

Velasquez Calderon, C. S. (2018). A grant of 1000. *Fellowship to participate, as a presenter, in the ISA World Congress of Sociology- Research Committee on Disasters in Toronto, Canada*. Sponsored by University of Delaware, Disaster Research Center.

Velasquez Calderon, C. S. (2016). A grant of 500. *Quick Response Grant Program funded by National Science Foundation. Grant number CMMI1030670*. Sponsored by University of Colorado Natural Hazards Center.

Velasquez Calderon, C. S. (2016). A grant of 500. *Russel Dynes Fellowship to support travel to present at the 41st Annual Natural Hazard Research and Applications Workshop*. Sponsored by University of Delaware, Disaster Research Center.

Velasquez Calderon, C. S. (2008). A grant of 1000. *Master's thesis research*. Sponsored by National University of Colombia, Caribbean Headquarters.

Velasquez Calderon, C. S. (2001). A grant of 1000. *Grant to develop bachelor's thesis research*. Sponsored by Autonomous University of the West, Cali. Colombia.

Additional Research or Original Creative Work Not Reported Elsewhere

Velasquez Calderon, C. S. (2022–2023). *Disaster Risk Management Project Coordinator. Coordinate the technical and scientific ten (10) activities of the project concerning "The Strengthen of disaster risk management, based on the generation of knowledge and social innovation to increase the capacity for community, natural and economic response in the Archipelago of San Andrés, Providencia, and Santa Catalina Department*. National University of Colombia, Caribbean Headquarters.

Velasquez Calderon, C. S. (2021). *Risk analyst. Design and implement a social vulnerability*

methodology in the Archipelago de San Andres, Providencia y Santa Catalina; and, Identify and consolidate risk reduction strategies to hurricanes. National University of Colombia, Caribbean Headquarters.

Velasquez Calderon, C. S. (2021). *Project Research Designer. Strengthen disaster risk management, based on the generation of knowledge and social innovation to increase the capacity for community, natural, and economic response in the Archipelago of San Andrés, Providencia, and Santa Catalina department; and, Biocultural Memory of Disaster in the Narratives of Providence, and Santa Catalina's women.* National University of Colombia, Caribbean Headquarters.

Velasquez Calderon, C. S. (2020–2021). *Post-disaster research fieldwork during the hurricane disaster response in Providencia Island, Colombia. Coordinate the systematic collection and analysis of data-related; Promote the transfer of knowledge about the disaster and its recovery process through an interdisciplinary academic dialogue that promotes the University and society's interaction; and, Generate a research report/working paper that includes an analysis of the institutional response to hurricane Iota's impact on the island.* National University of Colombia, Caribbean Headquarters.

Velasquez Calderon, C. S. (2019). *Research assistant and Environmental and Risk Management Consultant. Formulate a document on the effects of climate change on fishery resources of San Andrés, Providencia, and Santa Catalina, as input for the Fisheries Management Policy; Literature review analysis, climate change perception surveys construction and analysis; • Lead the construction of 3D digital application for the fishery resources document.* National University of Colombia, Caribbean Headquarters.

Velasquez Calderon, C. S. (2016–2020). *Doctoral Dissertation; Ph.D. in Disaster Science and Management. Use qualitative methods to analyze the social construction of the water crisis from 2016 to 2018; It focuses on the crisis dimensions of justice concerning poor and indigenous peoples. School of Public Policy, University of Delaware.* University of Delaware, Disaster Research Center.

Velasquez Calderon, C. S. (2015–2016). *Research Assistant. Documenting and reporting hurricane timelines; Writing literature reviews on topics such as climate change and migration; Translating the recruitment and interview instrument into Spanish when necessary.* University of Delaware, Disaster Research Center.

Velasquez Calderon, C. S. (2008). *Research Assistant. Research and analyze the history of tourism on San Andrés Island; and, Identify and classify information about tourism in the Colombian Caribbean region.* National University of Colombia, Caribbean Headquarters.

Service

Florida State University

FSU Department Service

Member of the Committee, Diversity, Equity and Inclusion Committee (2023–present).

The Diversity, Equity and Inclusion Committee is responsible for organizing relevant trainings, workshops, seminars and discussions; conducting an annual graduate student climate survey; coordinating a mentoring program for pre-tenure faculty; supporting a BIPOC affinity group; and organizing other activities and initiatives aimed at enhancing the diversity, equity, and inclusivity of the department. The Committee will report on its activities at faculty meetings at least once per semester.

Service to Other Universities

Mentorship for students in Laboratorio Maritorio sobre la Tecnología y la atención de desastres [Disaster Response and technology Lab], *National University of Colombia, Caribbean Headquarters* (2021).

Academic Evaluator 44th Annual International Conference, Caribbean Studies Association (CSA). *The Caribbean in Times of Tempest: Ethnicities, Territorial Resistances and Epistemic Poetics*. Santa Marta, Colombia, *Caribbean Studies Association (CSA), National University of Colombia, Caribbean Headquarters* (2018–2019).

Teaching assistant, Greater Caribbean Center of Thought Universidad Nacional de Colombia
[National University of Colombia], Caribbean headquarters, Centro de Pensamiento del Gran Caribe. Responsible for planning and coordinating academic and administrative meetings concerning sustainable development, tourism, risk management and climate change; and, Formulate white papers for public policy recommendations, *National University of Colombia, Caribbean Headquarters* (2015).

Teaching Assistant for Environmental and Caribbean master's programs. Universidad Nacional de Colombia [National University of Colombia], Caribbean headquarters. Analyze academic and student needs for master's programs, and plan and prepare graduate advisory committee, *National University of Colombia, Caribbean Headquarters* (2009–2011).

Volunteer operative support. XXXIII
Annual Conference Caribbean Studies Association in San Andres Island. Coordinated social and networking events for the conference, *Caribbean Studies Association (CSA), National University of Colombia, Caribbean Headquarters* (2008).

The Community

Research Project Formulator, Adaptation to flooding through community risk maps with a gender-focused approach in the critical sectors of District Four in San Andrés Island,

Colombian Caribbean, Miss Nancy Land Corporation, San Andres Island, Colombia (2023).

Additional Service Not Reported Elsewhere

Velasquez Calderon, C. S. (2003). *Volunteer Park Ranger*. Amacayacu Natural National Park, Amazonas, Colombia. Ministry of the Environment.

Velasquez Calderon, C. S. (2002). *Volunteer Park Ranger. Environmental interpretation and education; Biodiversity and ecosystem conservation; and, Revise meteorological data*. PROVCA - Natural National Park – Costa Rica.