

Anaís Delilah Roque Antonetty

Curriculum Vitae

The Ohio State University | Department of Anthropology
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EDUCATION

- PhD** Arizona State University, Environmental Social Science May 2021
Dissertation: “Only the People Can Save the People”:
Community Resilience and Water Insecurity Responses in
Puerto Rico After Hurricane Maria
Committee Chairs: Amber Wutich and Wendy Jepson
Committee Member: Alexandra Brewis
- MA** Arizona State University, Environmental Social Science May 2019
- BA** University of Puerto Rico – Mayaguez, Political Science May 2017
Graduated Summa Cum Laude
Minored in International Relations

ACADEMIC APPOINTMENTS

- Fall 2022 Assistant Professor of Anthropology, Department of Anthropology. The Ohio State University, Columbus, OH.
- Fall 2022 Affiliate Faculty, Sustainability Institute. The Ohio State University, Columbus, OH.
- Fall 2022 Affiliate Faculty, Center for Latin American Studies. The Ohio State University, Columbus, OH.
- Fall 2022 Affiliate Faculty, Center for Population Research. The Ohio State University, Columbus, OH.
- Fall 2022 Affiliate Faculty, Center for Global Health, School of Human Evolution and Social Change. Arizona State University, Tempe, AZ.
- 2021-22 Postdoctoral Research Scholar, Julie Ann Wrigley Global Futures Laboratory. Arizona State University, Tempe, AZ.
- 2019-21 Graduate Teaching Associate, School of Human Evolution and Social Change. Arizona State University, Tempe, AZ (*Summer 2019, Summer 2020, Spring 2021*).
- 2018-21 Graduate Research Associate, School of Human Evolution and Social Change. Arizona State University, Tempe, AZ.

RESEARCH INTERESTS

hazards and disasters; environmental and social justice; community health; water insecurity; food insecurity; energy insecurity; community resilience; social capital

PUBLICATIONS

Co-author key (at writing): ^{UG} undergraduate student; ^G graduate student; ^{CP} community partner, ^{CC} consortium co-authorship; ^{EC} equal contribution; ^{ABC} alphabetic order after first author

Published

2024 **Roque, A.,** Wutich, A., Brewis, A., Beresford, M., Landes, L., Morales-Pate, O., Lucero, R., Jepson, W., Tsai, Y., Hanemann, M., & Water Equity Consortium, A. for. (2024). Community-based Participant-observation (CBPO): A Participatory Method for Ethnographic Research. *Field Methods*, 36(1), 80-90.
<https://doi.org/10.1177/1525822X231198989>

2023 **Roque, A.,** Wutich, A. Shah, S. H., Workman, C., Méndez-Barrientos, L., Choueri, Y., Belury, L., Mitchell, C. Justice and Injustice in “Modular, Adaptive and Decentralized” (MAD) Water Systems. *Water Security*.
<https://doi.org/10.1016/j.wasec.2023.100151>

Ojeda-Matos ^G, G., Jones, L., **Roque, A,** White, D. (2023). Using Media Framing to Explore the Food-Energy-Water Nexus: The Case of the Rio Negro Basin in Uruguay. *Society & Natural Resources*, 1-19.
<https://doi.org/10.1080/08941920.2023.2286646>

^{ABC} Beresford, M., A. Brewis, N. Choudoray, G. Drew, N. Escobedo Garcia, D. Garrick, E. Granados, M.J. Houssain, E. Ilboudo Nébié, R. Pacheco-Vega, **A. Roque,** A. Wutich. Justice and Moral Economies in Modular, Adaptive, and Decentralized (MAD) Water Systems. Accepted and in press *Water Security*. Preprint available: www.10.31235/osf.io/6ywp7

Helmrich, A., Kuhn, A., **Roque, A.,** Kim, Y., Sanibanez ^G, A., Chester, M., Grimm, N. Interdependence of Social-Ecological-Technological Systems in Phoenix, AZ: Consequences of an Extreme Precipitation Event. *Journal of Infrastructure Preservation and Resilience*. <https://doi.org/10.1186/s43065-023-00085-6>

Roque Antonetty, A.D. Historicizing Puerto Rico’s Energy Present: A Political Ecology and Environmental Justice Approach to Energy Production in Puerto Rico. *Centro Journal*, 35(1), 57–80. <http://proxy.lib.ohio-state.edu/login?url=https://www.proquest.com/scholarly-journals/historicizing-puerto-ricos-energy-present/docview/2826827359/se-2>

Roque, A., Wutich, A. Brewis, A. Beresford, M., García-Quijano, C., Lloréns, H., and Jepson. Water Sharing as Disaster Response: Coping with Water Insecurity in the Aftermath of a Major Hurricane. *Human Organization*.
<https://doi.org/10.17730/1938-3525-82.3.248>

- Quimby, B. **Roque, A.**, Kago Illboudo Nébié, E. Levine, A., Akeli Amaama, S., Wutich, A. Brewis, A. Samuelu, E. (2023). Blue food sovereignty benefits social-ecological resilience: a case study of small-scale fisheries co-management and mariculture in Samoa. *Human Ecology*. <https://doi.org/10.1007/s10745-023-00401-4>
- Li, W., Gu^G, Z., Hanemann, M., Tsai, Y., Wutich, A., Westerhoff., P., Jang^G, J., **Roque, A.**, Zheng^{UG}, M., Velasco, C.A., and Porter, S. (2023). Applying Machine Learning to Understand Water Access Inequality in Underserved Colonias Communities. *Computers, Environment, and Urban Systems*. <https://doi.org/10.1016/j.compenvurbsys.2023.101969>
- 2022 Wutich, A., Jepson, W., Velasco, C., **Roque, A.**, Gu^G, Z., Hanemann, M., Hossain^G, JM, Landes^{CP}, L., Larson, R., Li, W., Morales^{CP}, O., Patwoary^G, N., Porter, S., Tsai, Y., Zheng^{UG}, M., P. Westerhoff (2022). Water Insecurity in the Global North: A review of experiences in U.S. colonias communities along the Mexico border. *Wiley Interdisciplinary Reviews, Water*. <https://doi/full/10.1002/wat2.1595>
- Roque, A.**, Wutich, A. Brewis, A., Quimby, B., Porter, S., Hossain^G M.J., Zheng^{UG} M. (2022). Participatory Approaches in Water Research: A Review. *Wiley Interdisciplinary Reviews, Water*. <https://doi.org/10.1002/wat2.1577>
- 2021 **Roque, A.**, Wutich, A. Brewis, A. Beresford, M., García-Quijano, C., Lloréns, H., and Jepson. (2021). Autogestión and Water Sharing Networks in Puerto Rico after Hurricane María. *Water International*. <https://doi.org/10.1080/02508060.2021.1960103>
- Roque A.**, Quimby B., Brewis A., Wutich A. (2021). Building Social Capital in Low-Income Communities for Resilience. In: Brears R.C. (eds) *The Palgrave Handbook of Climate Resilient Societies*. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-030-32811-5_84-1
- 2020 **Roque, A.D.**, Pijawka, D. and Wutich, A. (2020). The Role of Social Capital in Resiliency: Disaster Recovery in Puerto Rico. *Risk, Hazards & Crisis in Public Policy*. <https://doi.org/10.1002/rhc3.12187>

Project Report (Peer Reviewed)

Roque, A. D^{EC}., Quintana Torres, E. ^{CP}, Shah, S. H., Painter, M. P., Cuevas, F ^{CP}, & Tormos-Aponte, F. (2023). Assessing Intra-Community Public Health Impacts from Compounding Food, Energy, and Water Insecurities. Natural Hazards Center Public Health Disaster Research Report Series, 37. University of Colorado Boulder. <https://hazards.colorado.edu/public-health-disaster-research/assessing-intra-community-public-health-impacts-from-compounding-food-energy-and-water-insecurities>

Roque, A^{EC}., Shah, S^{EC}., Tormos-Aponte, F^{EC}., and Quintana, E^{EC CP}. (2022). *Exploring Relationships Between Social Capital, Community Health Resilience & Compounding Hazards in Corcovada, Puerto Rico*. Natural Hazards Center Public Health Grant Report Series, 26. Boulder, CO: Natural Hazards Center, University of Colorado Boulder. Available at: <https://hazards.colorado.edu/public-health-disaster-research/social-capital-community-health-resilience-and-compounding-hazards-in-corcovada-puerto-rico>

HONORS, GRANTS AND AWARDS

Honors

- 2022 – 2026 JPB Environmental Health Fellowship, Harvard T.H. Chan School of Public Health
- 2013 – 2017 Honor Student Scholarship, University of Puerto Rico, Mayaguez, PR (approx. \$26,000, covering tuition, & insurance)

Grants Extramural

- 2022 – 2026 JPB Environmental Health Fellowship – \$200,000
- 2022 Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN). *Pathways for Household Water Security and Environmental Justice in the American West*. \$2,000 (with Drs. Sameer Shah and Linda E. Méndez Barrientos)

Grants Intramural

- 2023 OSU Sustainability Institute Seed Grant: *Investigating the Link Between Disasters, Power Outages, and Health: Uncovering Impacts on Vulnerable Populations* – \$24,000 (Co-I with Dr. Smitha Rao as PI)
- 2022 OSU Enterprise for Research, Innovation and Knowledge (ERIK) - Research and Innovation Faculty Startup Award – \$30,000
- 2021 ASU School of Human Evolution & Social Change Research Committee – \$150
- 2018–2020 ASU Provost/CLAS Package (approx. \$120,000, covering salary, tuition, & insurance)
- 2020 ASU School of Human Evolution & Social Change Travel Award – \$500
- 2020 ASU School of Human Evolution & Social Change Research Committee – \$120
- 2020 ASU School of Transborder Studies PULSE scholarship – \$900
- 2020 ASU Graduate College Travel Award, Arizona State University – \$500
- 2019 ASU Global Ethnohydrology Study Research Grant – \$2,500
- 2019 ASU Walton Global Sustainability Studies Scholarship – \$2,500
- 2019 ASU Study Abroad Diversity Scholarship – \$1,000
- 2015 Puerto Rico House of Representatives – Alberto Ramos Comas Program – \$5,000
- 2015 Puerto Rico House of Representatives – Legislative Scholarship – \$500
- 2014 Puerto Rico House of Representatives – Córdova and Fernós Program Package (approx.\$25,000 covering stipend and housing)

Grant-funded Interdisciplinary Research Collaborations

- 2023 – 24 Natural Hazards Center, National Science Foundation, and Center for Disease Control. *Participatory Budgeting: A community-led Intervention for Resource Security Following a Disaster*. \$10,000. **Roque Role:** Principal Investigator.

- 2022 – 23 Natural Hazards Center, National Science Foundation, and Center for Disease Control. *Quantifying Health Impacts from Compounding Food, Energy, Water Insecurities in Disaster Contexts*. \$25,000 **Roque Role:** Principal Investigator.
- 2022 – 2026 *Unlocking the Nationwide Potential of Water Reuse*. PI. Miriam Hacker (Water Research Foundation). Environmental Protection Agency (EPA). \$340,856. **Roque Role:** Site Principal Investigator.
- 2021 – 22 Natural Hazards Center and Center for Disease Control. *Food, Energy, and Water Security for Community Health Resilience to Compounding Disasters*. \$44,000 PI. F. Tormos-Aponte (University of Pittsburgh). **Roque Role:** Co- Principal Investigator.
- 2020 – 23 NSF (SBE). *Cultural Anthropology Methods Program (CAMP): Advanced Training for Ph.D. Students*. \$350,000. PIs: A. Wutich & H. Russell Bernard (Arizona State). **Roque Role:** Distinguished Teaching Faculty.
- 2020 – 23NSF- Growing Convergence Research. *Coevolution of Social and Physical Infrastructure and Improved Access to Clean Water in Informal Water Sharing Systems*. \$3,598,011PI: A. Wutich (Arizona State). **Roque Role:** Postdoctoral Research Scholar.
- 2019 – 22NSF- Growing Convergence Research. *Social, Ecological, and Technological Infrastructure Systems for Urban Resilience*. \$3,799,000 PI: M. Chester (Arizona State). **Roque Role:** Social Research Analyst.
- 2018 – 23 NSF *Building a Community of Practice for Household Water Insecurity (HWISE) Research*. National Science Foundation (GSS). \$500,000. PI: W. Jepson (Texas A&M). **Roque Role:** Network Collaborator.

Awards

- 2021 Arizona State University, Knowledge Mobilization Award
Recognized for socially impactful research. Comes with \$850 for science communication.
- 2017 Award Salvador Brau for Outstanding Social Science Department Student, University of Puerto Rico, Mayaguez, PR

TEACHING EXPERIENCE

Courses Instructed

- 2024 Introduction to Sociocultural Anthropology (Honors), Spring Session (14 weeks).
The Ohio State University
- 2023 Disasters and Health, Spring Session (14 weeks). The Ohio State University
- 2023 Health and Healing in Latin America and the Caribbean, Spring Session (14 weeks).
The Ohio State University
- 2021 Disaster! (ASB 327), Spring Session B (6 weeks). Arizona State University

Courses Assisted

- 2021 Teaching Associate, Disaster! (ASB 327), Summer Session A & B (12 weeks)
Arizona State University
- 2020 Teaching Associate, Disaster! (ASB 327), Summer Session A & B (12 weeks)
Arizona State University
- 2019 Teaching Associate, Food and Culture (ASB 300), Summer Session A & B (12weeks)
Arizona State University

Students Mentorship

- 2023 – Community Environmental Health and Justice Collaboratorium
Mentor 8 undergraduate researcher apprentices.
- 2023 – Genesis Alvelo Colon – PhD Student, Anthropology
- 2023 – Monika Moreu-Vicente – MS Student, Environmental Social Science
- 2019 –2022 Culture, Health, and Environment Lab (ASU)
Mentor 30+ undergraduate research apprentices.
- 2014 – 2014 The Washington Center Ambassador Mexico 100, Washington, DC
Mentored eight Mexican Students on US culture and adaptation.

Training

- 2022 Collecting and Sharing Perishable Data, Converge NHERI (Virtual)
- 2022 FIT Teaching and Learning Program, The Ohio State University (Virtual)
- 2022 Public Health Implications of Hazards and Disaster Research, Converge NHERI
- 2021 National Environmental Justice Education and Teaching Workshop, Stanford University (Virtual)
- 2021 Reflexivity and Positionality Workshop
- 2021 Cognitive Interviewing: A Hands-on Approach Workshop, Arizona State University
- 2021 Basic Approaches to Effective Teaching, Arizona State University (Virtual)
- 2021 Effective Classroom Management, Arizona State University (Virtual)
- 2020 Social Network Analysis Workshop
- 2020 Decolonizing Research in Higher Education, Arizona State University
- 2018 Ethnographic Field School in Puerto Rico – Community & Environmental Issues
University of Puerto Rico, Humacao, PR

LECTURES AND PRESENTATIONS

Guest Lectures & Invited Talks

- 2023 *Invited Lecture.* Community Based Participatory Research. Virtual. Department of Forestry and Natural Resources. University of Washington.
- 2023 *Invited Lecture.* Disasters and Community Engaged Research. Virtual. Department of Forestry and Natural Resources. University of Washington.
- 2022 *Keynote.* Climate Change, Neoliberalism, and the Quest for Adaptation in the Caribbean. Island(er)s at the Helm workshop “Building coalitions in the face of climate challenges: options to upend Caribbean archipelagic precarity.” Virtual.
- 2022 *Invited Lecture.* Climate Change and Health. Hawai’i Pacific University - Department of Natural Science
- 2022 *Invited Lecture.* Only the people can save the people: Environmental Racism and Self-determination. University of Oregon – Clark Honors College.

- 2022 *Invited Lecture*. Community Resilience & Compounding Hazards: Some Key Concepts and Experiences from Puerto Rico, USA. Texas Rio Grande Valley – Dept. of Sociology
- 2022 *Invited Lecture*. Community Engagement in FEW & Health Research: Drawing Parallels between Rucio, Peñuelas and Corcovada, Añasco in Puerto Rico– Planning Studio (CP6055). School of City and Regional Planning. *Georgia Institute of Technology*. – Virtual presentation.
- 2021 *Invited Lecture*. Participatory Action Research – *National Science Foundation Cultural Anthropology Methods Program*. Virtual presentation.
- 2021 Content Analysis: The Basics –Research Methods in Political Science (POLS 2399). *Northeastern University* – Virtual presentation.
- 2021 Mixed Methods –Research Methods in Political Science (POLS 2399). *Northeastern University* – Virtual presentation.
- 2020 Household Water Insecurity and Autogestión in the Wake of María– Environmental Sociology (ENVI 294). *Macalester College*. Virtual presentation.
- 2019 Hurricane María: The Role of Social Capital in Disaster Recovery – Global Convergence Lab-Puerto Rico (study abroad) of the University of Minnesota. Mayaguez, PR.
- 2019 Qualitative Data Collection and Analysis – Qualitative Research Methods in Planning (PUP 598). *Arizona State University*.

Oral Presentations

17. 2023 Transitioning to a More Critical Engagement between. Anthropologists of the Circum-Caribbean. Organizer: Dr. Adriana Garriga-Lopez (Florida Atlantic University). Roundtable for the Society for Latin American and Caribbean Anthropology. AAA/CASCA Annual Meeting. **Roque Role:** Presenter. Toronto, CA.
16. 2023 **Roque, A.** Water Insecurity in Puerto Rico. HWISE Workshop. Texas A&M. Nov 2. 2023.
15. 2023 **Roque, A.** Assessing Intra-Community Public Health Impacts from Compounding Food, Energy, and Water Insecurities. Natural Hazard Center Public Health Disaster Research. Webinar (Virtual).
14. 2022 **Roque, A.** Sustainability Research Forum. Energy insecurity, Energy Justice, and Energy Transitions: some thoughts from Puerto Rico, USA. Nov 8. 2022 (Virtual).
13. 2022 **Roque, A.,** and Tormos-Aponte, F. Exploring Relationships Between Social Capital, Community Health Resilience & Compounding Hazards in Corcovada, Puerto Rico. Natural Hazard Center Public Health Disaster Research in U.S. Territories 2022 Webinar (Virtual).
12. 2022 **Roque, A.,** and Alvelo, G. “Nada de Nosotros sin Nosotros”: Community

- Leaders as Health Promoters for Community Health Resilience to Compounding Disasters. 2nd Puerto Rico Public Health Trust Summit. San Juan, Puerto Rico. (Virtual Conference). Presenter.
11. 2022 **Roque, A.**, A Political Ecology Approach to Autogestión and Water Insecurity in the wake of Disaster. Latin American Studies Association. (Virtual Conference). Panelist.
 10. 2021 **Roque, A.** Wutich, A. Brewis, A. Beresford, M., García-Quijano, C., Lloréns, H., and Jepson. (2021). The Limits of Autogestión: Water Sharing Networks in Puerto Rico after Hurricane María. American Anthropological Association 120th Annual Meeting. (Virtual Conference). Panelist.
 9. 2021 **Roque, A.** “*Re-silencio: Al Mal Tiempo, Buena Cara*” 2nd Puerto Rico Southwest Studies Symposium. Household food insecurity and multi shocks: Experiences in the San Juan, Puerto Rico Metropolitan Area. (Virtual Conference). Panelist.
 8. 2021 **Roque, A.** Household food insecurity and COVID 19: Experiences from the San Juan, Puerto Rico Metropolitan Area. Society for Applied Anthropology Annual Meeting, Norfolk, US. (Virtual Conference). Panelist.
 7. 2021 **Roque, A.**, A. Wutich, W. Jepson, A. Brewis, L. Radonic. Household Water Insecurity in the Global North. American Association for the Advancement of Science. Annual Meeting, Phoenix, U.S. (Virtual Conference). Panelist.
 6. 2020 **Roque, A.**, Wutich, A., Brewis, A., Beresford, M., Llorens, H., García-Quijano, The limits of Autogestión: Water Sharing Networks in Puerto Rico after Hurricane María. American Association of Geographers Annual Meeting. (Virtual Conference). Panelist.
 5. 2019 **Roque, A.** The Role of the University in Disaster Mitigation & Response: Insights from Hurricane María in Puerto Rico. RISE-Transforming University Engagement in Pre- and Post-Disaster Environments: Lessons from Puerto Rico. Albany, NY. Panelist.
 4. 2019 **Roque, A.** Hurricane María: How two rural communities used social capital for disaster recovery. Underrepresented Intellect: a research symposium for graduate students of color. Tempe, AZ. Panelist.
 3. 2017 **Roque, A.** Attitudes, and perceptions of women beneficiaries of the Nutrition Assistance Program (PAN) in the municipality of Rincón, Puerto Rico on the 2016 eligibility policy changes and their participation in the informal economy. XXIV Symposium on Research in Social Sciences. Mayaguez, PR. Panelist.
 2. 2017 Ortiz, J., **Roque, A.** Castillo, A. Rivera, Y. and Ortiz, C. Visions of a Transformation: Exploring the Perceptions, Values and Attitudes of Puerto Rico

Energy Stakeholders Towards the Transformation of Puerto Rico's Electric System. Engineering and Agriculture Congress CONAIR. San Juan, PR. Panelist.

1. 2014 Acosta, A., Casiano, L., Díaz, J, Mercado, G. **Roque, A.** Ruiz, S. Saavedra, D. Tavera, Y. and Vélez, L. Barriers to the use of Mental Health Services Among Undergraduates at the University of Puerto Rico- Mayaguez. 10th PSMHS Annual Scientific Conference. Ponce, PR. Panelist.

Poster Presentations

8. 2022 Ojeda-Matos, G., White, D.D., **Roque-Antonetty, A.D.** Using media framing to explore the food-energy-water nexus: the Case of the Rio Negro Basin in Uruguay. Poster presented at: 2022 INFEWS PI Workshop hosted by Princeton University and Oregon State University (Virtual).
7. 2020 **Roque, A.**, A. Wutich, A. Brewis, and M. Beresford. Social networks of water sharing: Coping with Water Insecurity in the Aftermath of Hurricane Maria. Society for Economic Anthropology Annual Meeting, South Bend, IN, United States.
6. 2019 **Roque, A.** The Role of Social Capital in Resiliency: Disaster Recovery in Puerto Rico. Poster presentation. RISE-Transforming University Engagement in Pre- and Post-Disaster Environments: Lessons from Puerto Rico, Albany, NY.
5. 2019 **Roque, A.** Beresford, M., Storey, A. and Wutich, A. The Uses of Neoliberal Water Policy? Diverse Economic Systems and Everyday Water Practices in South Africa. Institute for Social Science Research Fall Poster Contest, Tempe, AZ.
4. 2019 **Roque, A.** Zhou, Y., Geske, L. and Chan, M. The Visible Answer: Biophilic Urbanism. Poster presentation. Urban Sustainability in Hong Kong. City University of Hong Kong, Kowloon, HK.
2. 2019 **Roque, A.** Zhou, Y., Geske, L. and Chan, M. Hong Kong's Invisible Threat. Poster Presentation. Urban Sustainability in Hong Kong. City University of Hong Kong, Kowloon, HK.
3. 2017 Ortiz, J., **Roque, A.** Castillo, A. Rivera, Y. and Ortiz, C. Visions of a transformation: Exploring the Perceptions and Attitudes of Energy Stakeholders in Puerto Rico. University of Puerto Rico- Mayagüez Sigma Xi Poster Day. Mayagüez, PR.
1. 2014 Acosta, A., Casiano, L., Díaz, J, Mercado, G. **Roque, A.** Ruiz, S. Saavedra, D. Tavera, Y. and Vélez, L. Barriers to the use of Mental Health Services Among Undergraduates at the University of Puerto Rico- Mayaguez. Poster presentation. 10th PSMHS Annual Scientific Conference. Ponce, PR.

Invited Workshops

2023 Frontier in Household Water Insecurity in Higher-Income Countries: Bridging Research, Policy, and Practice. Texas A&M University, College Station, October 31 – November 4, 2023 (Sponsor: National Science Foundation).

CAMP International Workshop, School of Human Evolution and Social Change, Arizona State University, Oct 23 – 27, 2023 (Sponsor: National Science Foundation)

Open Data and Reuse in Social Science Weather Research, Natural Hazards Center, University of Colorado – Boulder, April 10 – 12, 2023 (Sponsor: National Oceanic and Atmospheric Administration)

2020 Bill Anderson Fund Fall Workshop. Qualitative Research Methods Workshop. Virtual. (Sponsor: Bill Anderson Fund)

2018 Puerto Rico RISE (ing): Resiliency through Innovation in Sustainable Energy Workshop”. Held at Mayaguez, PR, in partnership with the School of Architecture, University of Minnesota and The School for the Future of Innovation in Society at Arizona State University. June,21-24, 2018.

2018 Eradicating Poverty Through Energy Innovation Workshop
Arizona State University, Tempe, AZ, – Feb 12-14, 2018

PROFESSIONAL AFFILIATIONS

American Anthropological Association

Society for Applied Anthropology

American Association for the Advancement of Science

Latin American Studies Association

Resiliency through Innovation in Sustainable Energy (RISE) Network, Advisory Council

PROFESSIONAL SERVICE AND LEADERSHIP

2021 **Symposium Co-Organizer**
“Re-silencio: Al Mal Tiempo Buena Cara” 2nd
Puerto Rico Southwest Studies Symposium, May 6-7, 2021. Virtual Event.

2020 – 2021 **Environmental Social Science Approach Representative**
School of Human Evolution and Social Change Association of all Graduate Students, Arizona State University, Tempe, AZ

2020 – 2021 **College of Liberal Arts and Science Representative**
Graduate Women Association, Arizona State University, Tempe, AZ

2020 **Caucus Facilitator**
M.E.CH.A. (Movimiento Estudiantil Chicanx de Aztlán) National Conference, Arizona State University, Tempe AZ

- 2019 – 2020 **Awards reviewer**
Graduate and Professional Student Association, Arizona State University,
Tempe AZ
- 2016 – 2017 **College of Arts and Science Student Council Representative**
University of Puerto Rico, Mayagüez, PR
- 2016 – 2017 **Coordinator of Activities**
Political Science Student Association, University of Puerto Rico, Mayaguez,
PR
- 2015 – 2016 **President**
Political Science Student Association, University of Puerto Rico, Mayaguez,
PR

Editorial Activities and Ad Hoc Peer Reviews

- 2023 International Journal of Disaster Risk Reduction – Reviewer
2022 International Journal of Qualitative Research – Reviewer
2022 PLOS Water – Reviewer
2021 Natural Hazards – Reviewer
2021 Journal of Latin American Geography – Reviewer
2021 The University of Puerto Rico Sea Grant College Program – Grant Reviewer

PUBLIC SCHOLARSHIP & MEDIA COVERAGE

- 2023 Food, Energy, and Water Security in the Wake of Disaster: A Community-Based Assessment: <https://home-fewsecuritydisaster.carrd.co/>
- 2022 Interviewed by Radio analyst Mayra Velez Serrano for the program: Desde La Torre. Topic: Community Development, Social Capital and Resource Insecurities (Nov. 22) <https://www.wrtu.pr/programas/desdelatorre/>
- 2022 Panelist on: Household Water Insecurity Experiences (HWISE) NOW series: Water Security and Convergence
- 2022 Panelist on: Critically Black Dialogue Series: Disaster is Political - Responding to Fiona. Caribbean Cultural Center: African Diaspora Institute <https://youtu.be/1T-JTfJToTU>
- 2022 Interviewed by Scott Lee Neuman for NPR news article: 5 years on, failures from Hurricane Maria loom large as Puerto Rico responds to Fiona. <https://www.npr.org/2022/09/20/1123846384/puerto-rico-hurricane-fiona-hurricane-maria-anniversary>

- 2022 Interviewed by Radio analyst Mayra Velez Serrano for the program: Desde La Torre <https://www.wrtu.pr/programas/desdelatorre/> (Oct 15, 2022)
- 2022 Black Market with Michael K. Williams. Season 2. Episode 6: Thirsty Tap. VICE TV. https://www.vicetv.com/en_us/video/thirst-trap/61d74f705f57256709619dfe
- 2021 Interviewed by Kendra Pierre-Louis for The Atlantic Science Section news article: It Keeps on Raining Too Much Too Fast <https://www.theatlantic.com/science/archive/2021/12/new-york-city-rain-sewage-system-flood/621129/>
- 2021 Panelist on: Household Water Insecurity Experiences (HWISE) NOW series: Water Insecurity and Disasters.
- 2021 Panelist on: Puerto Rico Studies Current and Future Practices. Puerto Rico Studies Association. Link: https://www.youtube.com/watch?v=m-5iRD0J_50
- 2021 El intercambio de agua es opción para mitigar la escasez [Water sharing is an option to mitigate scarcity]. El Nuevo Día. <https://www.elnuevodia.com/opinion/punto-de-vista/el-intercambio-de-agua-es-opcion-para-mitigar-la-escasez/?r=16814>
- 2020 **Roque, A.**, Pijawka, D. & Wutich, A. Unity is strength: Resilience in Puerto Rico after Hurricane María. Natural Hazard Center. <https://hazards.colorado.edu/news/research/unity-is-strength-community-resilience-in-puerto-rico-after-hurricane-maria>
- 2020 Amplify This! Diversity, Equity, & Inclusion In Disaster Management – Ep. 3: Anaís Roque And Bacilia Angel Share Their Experiences As Latin Women For Hispanic Heritage Month 2020. <https://podcasts.apple.com/us/podcast/ana%C3%ADs-roque-bacilia-angel-share-their-experiences-as/id1525770592?i=1000493388648>
- 2020 Wutich, A. with **A. Roque**, L. Radonic, M. Beresford. American Water Resources Association Webinar on Social Infrastructure & Water. https://youtu.be/o6zGYf_a-b4
- 2020 Greenpeace Planeta G - Ep. 5: “If one is not free, none of us are free” Environmental Racism and Afro-Latinidad. <https://www.youtube.com/watch?v=LQf5Cle7Upg#action=share>
- 2020 Luto por COVID-19, la desinformación y reflexiones sobre empatía [\https://www.primerahora.com/opinion/el-desahogo/columnas/luto-por-covid-19-la-desinformacion-y-reflexiones-sobre-empatia/
- 2019 How Hurricane Maria Fueled Puerto Rico’s Resistance <https://www.pbs.org/wgbh/frontline/article/how-hurricane-maria-fueled-puerto-ricos-resistance/>
- 2019 Anaís Roque on Investigating Existing Resilience and Sustainability in Puerto Rico

<https://www.umnconvergencepuertorico.org/blog/2019/1/17/anais-roque-on-investigating-existing-resilience-and-sustainability-in-puerto-rico>

LANGUAGES:

Spanish – Native
English – Advanced

REFERENCES

Dr. Amber Wutich, President's Professor
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Dr. Wendy Jepson, University Professor
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