

**Ramzi Tubbeh**  
Department of Geography  
The Pennsylvania State University  
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Geographer with expertise in water and environmental governance, environmental justice, rural livelihoods, climate change, agrobiodiversity, resilience, and postcolonial theory.

## EDUCATION

- 2022           **Ph.D. Geography**  
Pennsylvania State University. University Park, PA, USA  
Dissertation: Hydraulic Infrastructure Development, Irrigation Governance, and Climate Change Adaptation in the Engineered Colca-Siguas Watershed, Peru
- 2017           **M.S. Geography**  
The Pennsylvania State University. University Park, PA, USA  
Thesis: From Territorial Claims to Mediated Access: Unraveling the Ethnoterritorial Fix in the Peruvian Amazon
- 2013           **Postgraduate Certificate in Development Studies**  
Pontificia Universidad Católica del Perú. Lima, Peru
- 2006           **B.S. Industrial Engineering**  
Universidad de Lima. Lima, Peru

## RESEARCH APPOINTMENTS

- 2022 – present   **Postdoctoral scholar**  
Department of Geography, Pennsylvania State University  
Supervisor: Karl S. Zimmerer
- Research project: The Plantationocene: origins and agroecologies in coastal Peru.
  - Research project: Agrobiodiversity landscapes in Huánuco, Peru.
  - Research project: Impacts of the COVID-19 pandemic on Andean smallholders' food systems and agrobiodiversity.
- 2017 – 2018      **Graduate Research Assistant**  
Department of Geography, Pennsylvania State University
- Collaborated with Dr. Jennifer Baka on a research project about land acquisitions, biofuels, and the boom and bust of *jatropha curcas* in India.
  - Produced a land cover classification using GIScience methods and descriptive statistics on agrobiodiversity, landscapes, livelihoods and nutrition in Peru with Dr. Karl Zimmerer.

## TEACHING APPOINTMENTS

- 2019 – 2021      **Instructor**  
Department of Geography, Pennsylvania State University
- GEOG 431 Geography of Water Resources (3 semesters)
  - GEOG 030 Environment and Society in a Changing World (4 semesters)

- 2015 – 2016     **Graduate Teaching Assistant**  
Department of Geography, Pennsylvania State University
- GEOG 030 Geographic Perspectives on Sustainability and Human-Environment Systems (2 semesters)
  - GEOG 020 Human Geography: An Introduction (2 semesters)

## CONSULTING

- 2012 – 2015     **Project Manager**  
Libélula Comunicación, Ambiente y Desarrollo (Communication, Environment, and Development). Lima and Cusco, Peru
- National strategic advisor at UNEP’s Microfinance for Ecosystem-Based Adaptation Project
  - Monitoring and Impact Assessment Specialist at the Climate Change Adaptation Program, funded by the Swiss Agency for Development and Cooperation
  - Coordinated a literature review for Peru’s Third National Communication to the UNFCCC
  - Produced reports on Peru’s overall climate change management
  - Coordinated participative climate change vulnerability and adaptation consulting projects
- 2010 – 2012     **Project Coordinator**  
Metis Gaia. Lima, Peru
- Conducted social impact assessments and economic valuation studies of the environmental impacts of various mining projects

## PUBLICATIONS

### Peer-reviewed journal articles

- Hultquist, C. and **Tubbeh, R.** (2022). Digital Sociotechnical Systems of Mutual Aid: How Communities Connected, Adapted, and Innovated During the COVID-19 Pandemic in New York City. *Citizen Science: Theory and Practice* 7(1): 1–10. DOI: 10.5334/cstp.454.
- Zimmerer, K. S., Jones, A. D., De Haan, S., Creed-Kanashiro, H., **Tubbeh, R.**, Hultquist, C., Tello, M., Amaya, F.P., Nguyen, K. T. (2022). Integrating Social-Ecological and Political-Ecological Models of Agrobiodiversity With Nutrient Management of Keystone Food Spaces to Support SDG 2. *Frontiers in Sustainable*, 6(734943). <https://doi.org/10.3389/fsufs.2022.734943>
- Zimmerer, K., Jones, A., de Haan, S., Creed-Kanashiro, H., Tello, M., Amaya, F.P., Carrasco, M., Meza, K., **Tubbeh, R.**, Nguyen, K. T., Hultquist, C. (2020). Indigenous Smallholder Struggles in Peru: Nutritional Security, Agrobiodiversity, and Food Sovereignty amid Transforming Global Systems and Climate Change. *Journal of Latin American Geographers*, (20).
- Locatelli, B., Pramova, E., Di Gregorio, M., Brockhaus, M., Chávez, D. A., **Tubbeh, R.**, Sotés, J., & Perla, J. (2020). Climate change policy networks: connecting adaptation and mitigation in multiplex networks in Peru. *Climate Policy*, (3), 354–372.
- Zimmerer, K. S., de Haan, S., Jones, A. D., Creed-Kanashiro, H., Tello, M., Carrasco, Meza, K., Plasencia Amaya, F., Cruz-García, G., **Tubbeh, R.**, Jiménez Olivencia, Y. (2019). The biodiversity of food and agriculture (Agrobiodiversity) in the anthropocene: Research advances and conceptual framework. *Anthropocene*, 25, 100192.

**Tubbeh, R.** & Zimmerer, K. S. (2019). Unraveling the Ethnoterritorial Fix in the Peruvian Amazon: Indigenous Livelihoods and Resource Management after Communal Land Titling (1980s-2016). *Journal of Latin American Geography* 18(2), 33-59.

Zimmerer, K. S., Jones, A. D., Haan, S. De, Creed-Kanashiro, H., Carrasco, M., Mesa, K., Tello, M., Plasencia Amaya, F., Cruz García, G., & **Tubbeh, R.** (2018). Climate change and food: Challenges and opportunities in tropical mountains and agrobiodiversity hotspots. *ReVista: Harvard Review of Latin America*, 18(3), 53–57.

### **Book reviews**

Tubbeh, R. (2019). [Review of the book *Naturaleza y sociedad: perspectivas socio-ecológicas sobre cambios globales en América Latina* ed. by Julio C. Postigo y Kenneth R. Young]. *Journal of Latin American Geography* 18(3), 224-226.

Tubbeh, R. (2019). [Review of the book *Land's End: Capitalist Relations in an Indigenous Frontier*, by Li, Tania]. *Rural Sociology* 82(2), 378-381.

### **Published reports**

Giusti, M., **Tubbeh, R.**, Angulo, L., & Egas, G. (2014). *Informe de Balance de la Gestión Regional Frente al Cambio Climático en el País: Avances, Logros, Dificultades, Retos y Oportunidades*. Lima: Ministerio del Ambiente.

Zevallos, P., Castro, R., Paz Cigaran, M., Figari, A., **Tubbeh, R.**, Ramos, A., Parra, C., Gracia Aguilar, M., Carrasco, D., Naidoo, C., Dimsdale T., Jaramillo, M. and Amin, A. L. (2014). *Towards a national financing pathway for climate action in Peru*, Lima and London: Libélula Comunicación Ambiente y Desarrollo and E3G.

### **CONFERENCE PAPERS AND SEMINARS**

“Hydraulic infrastructure development, water governance, and climate change adaptation in the engineered Colca-Siguas watershed, Peru”. Seminar at the School of Earth and Environment | Te Kura Aronukurangi. University of Canterbury. Christchurch, New Zealand, 21 July 2022

“Obstacles to adaptive polycentric irrigation water governance amid climate change: a political ecology critique of the Peruvian water license system”. In Paper Session: Engaging Water Resilience and Climate Change at the Nexus of Hydro-social and Social-hydrological Systems. Annual Meeting of the American Association of Geographers (AAG), Virtual Meeting, 26 February 2022.

“Conveying more than water: the co-production of hydraulic infrastructures and society in Southwestern Peru”. In Paper Session: Geopolitical Infrastructures. Annual Meeting of the American Association of Geographers (AAG), Virtual Meeting, 4 April 2021.

“Contested water entitlements, livelihoods and land use: integrated water resources management along Peru’s engineered Colca-Siguas watershed”. In Paper Session: Untapped: Fresh Voices in Water Resources Geography 1. Annual Meeting of the American Association of Geographers (AAG), Washington, D.C., 4 April 2019.

“Cracks in concrete: interrogating different forms of resistance in the Colca-Majes-Siguas engineered waterscape”. In Paper Session: Subversive Mobilities: Infrastructures, Boundary Objects, and Everyday Ecologies of Breaking Borders. Dimensions of Political Ecology Conference, Lexington, Kentucky, 23 February 2018.

Panelist: “Mediating Territoriality: Articulations of Indigenous Autonomy and Resource Control in the Peruvian Amazon”. Session name: Sustainable Territories-II. Local and Transnational Territorializations for Environmental Governance. Annual Meeting of the American Association of Geographers (AAG), Boston, 5 April 2017.

“A challenge to territory: indigenous peoples’ access to forest resources in two Peruvian native communities”. Conference for Latin American Geographers, New Orleans, Louisiana. 4 January 2017.

“Conservación, medios de vida y derechos de pueblos indígenas en la Reserva Comunal Amarakaeri”. (Conservation, livelihoods, and rights of indigenous peoples in the Amarakaeri Communal Reserve). VIII Coloquio Internacional de Estudiantes de Geografía y Medio Ambiente. Pontificia Universidad Católica del Perú, Lima, Peru. 19 May 2016.

## AWARDS

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|------|---|
| 2021 | Conference of Latin American Geography Travel Award   |
| 2018 | E. Willard and Ruby S. Miller Geography Graduate Student Fellowship (GSF). Department of Geography, Pennsylvania State University |
| 2016 | AAG Latin America Specialty Group Student Field Study Awards  |
| 2016 | Ruby S. Miller Award. Department of Geography, Pennsylvania State University  |
| 2016 | C. Gregory Knight Endowment in Geography. Department of Geography, Pennsylvania State University                                  |
| 2016 | Centennial Award. College of Earth and Mineral Sciences, Pennsylvania State University  |

## UNIVERSITY SERVICE

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| 2017 – 2018 | <b>Colloquium Speaker Committee</b><br>Department of Geography, Pennsylvania State University <ul style="list-style-type: none"><li>• Organization of colloquium and selection of speakers</li></ul>   |
| 2016 – 2017 | <b>Graduate Student Representative (treasurer)</b><br>Graduate Students in the Department of Geography, Pennsylvania State University <ul style="list-style-type: none"><li>• Managed university funding for graduate student participation in the AAG annual conference</li><li>• Participated in faculty meetings as graduate student representative</li></ul> |
| 2016 – 2022 | <b>Nature-Society Working Group</b><br>Department of Geography, Pennsylvania State University <ul style="list-style-type: none"><li>• Mentored graduate students</li><li>• Provided feedback on manuscripts and grant proposals</li></ul>  |

## PROFESSIONAL AFFILIATIONS

New Zealand Geographical Society (NZGS)  
American Association of Geographers (AAG)  
Conference of Latin American Geography (CLAG)