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Transdisciplinary Research Lab for Global Sustainability <https://www.transdisciplinaryresearch.com/>

EDUCATION

- Ph.D. 2016 University of Arizona, School of Geography and Development
Major: Geography; Minor: Remote Sensing and Spatial Analysis
Advisor: Dr. Christopher Scott, PhD
Dissertation: “*Desert Forests and Riparian Flows: Tracing Social-Ecological Transformations in the Transboundary San Pedro River*”
- M. S. 2010 Portland State University, Geography Department
Advisor: Dr. Heejun Chang, PhD
Thesis “*Examining the Effects of Climate Change and Urban Development on Water Demand: A Multi-Scale Analysis of Future Water Demand in Oregon*”
- B. A. 2005 The George Washington University
Majors: Geography & History; Minor: Spanish

EMPLOYMENT: TEACHING & MENTORING

Academic Appointments

- Spring 2023 Faculty in Residence, CSULB Costa Rica Study Abroad Program, San Jose, Costa Rica.
- 2022 – present Associate Professor, Department of Geography, California State University, Long Beach
- 2016-2022 Assistant Professor, Department of Geography, California State University, Long Beach
- 2016-2020 Resilience Commitment Coordinator & Chair of the Resilience Working Group, Office of Campus Planning and Sustainability, California State University, Long Beach
- 2014-2016 Graduate Research Associate, Office of Digital Learning and Student Engagement, University of Arizona, Curriculum Development for the Online General Education Academy

Fields of Expertise & Special Competence

I am a broadly trained human-environment geographer with experience in coupled human natural systems research, including qualitative and quantitative approaches to human dimensions of environmental change, sustainability science, climate resilience, water security, and natural resource conservation policy. I have expertise in team science, drivers and barriers of effective interdisciplinary and transdisciplinary collaboration, and processes of knowledge co-production and integration in diverse teams.

Courses Taught

California State University, Long Beach

- UHP 201: Sustainability and Technology in Los Angeles
- ESP 200: California Environmental Issues
- ESP 400: Environmental Science & Policy (ESP) Senior Capstone Project
- GEOG 321: Geography of Latin America

- GEOG 325: Geography of Climate Change
- GEOG 340: Environmental Geography (In person & Asynchronous online)
- GEOG/ESP 392: Climate Action at CSULB – Service Learning (Fall 2023)
- GEOG/ESP 450: Environmental Sustainability & Social Justice – Service Learning
- GEOG 600: Graduate Seminar in Sustainability Science
- GEOG 640: Graduate Seminar in Physical/Environmental Geography Graduate Seminar

University of Arizona

- GEOG 251: World Regions
- GEOG 416C: Urban Geographic Information Systems (GIS)
- GEOG 170A: Introduction to Physical Geography
- GEOG 330: Introduction to Remote Sensing

Master's Theses Chaired

Andrea Cano – M.A. *in progress* – An Archival Study of Nostalgia in Returning Visitors to *Reserva Pinar del Norte*, Villa Gesell, Argentina

Lidia Lopez – M.A. *in progress* – Plastic Pollution: Are Plastic Policies Effective, Or Are Local Coastal Communities Doing More?

Darrell Carvahlo – M.A. *in progress* - Fear in Motion: Gendered Experiences of Street Harassment along the Los Angeles Blue Line Metro

Lluvia Lastra – M.A. *in progress* - Assessment of Youth Environmental Education in Long Beach, California

Natalie Marcom – M.A., 2023 – Uncovering Owens Valley's 'Indian Problem': How the Diversion of the Owens River Led to the Decline of Traditional Foods for the Paiute People

Samantha Ishak – M.A., 2022 – Political Ecology of Oil Extraction at the Los Cerritos Wetlands, Long Beach

Kirsten Berg – M.A., 2020 - How Green is the Green Port? Shifting Port Narratives in Long Beach, California

Derek Emmons – M.A., 2020 - A Case Study on Working Land Conservation in the Tule River Watershed, California: The Flow of Resilience

Anna Johnson – M.A., 2019 - Documentary Discourses on Climate Change: A Critical Discourse Analysis of *An Inconvenient Truth* and *An Inconvenient Sequel*

Genie Bey – M.A., 2018 - Cultivating Social-Ecological Resilience and Climate Change Adaptation through Green Infrastructure in Long Beach, California

Ilianna Padilla – M.A., 2018 - From Rail Yard to Recreation: New Greenspace Governance for Achieving Environmental Justice in Los Angeles, California

Undergraduate Honors' Theses Chaired

Aubree Dodd – B.S., Economics, 2020 - The Relationship of Land Use and Green Infrastructure on Stormwater Runoff Volumes: A Study Along the Los Angeles River

Megan Honey – B.A., ES&P, 2019 - Restoring Coastal Wetlands as an Adaptation to Sea Level Rise

Kyle Neilson – B.A., Sustainable Business, 2019 - Best Practices in Closed-Loop Supply Chains

PUBLICATIONS

Edited Volume/Book

Garcia Cartagena, M., Alonso-Yanez, G., **House-Peters, L.**, and Bonelli, S. (Eds.) (In Press, 2023). *Converging Boundaries: Transdisciplinary Experiences from Biodiversity Conservation Practices in Colombia, Uruguay and Chile*. DIO Press, Inc.

Peer-Reviewed Journals

Sandroni, L., F. Ramos Quispe, **L. House-Peters**, G. Alonso-Yanez, M.I. Carabajal, M. Valentine, S. Schweizer, M. Murisa, N. Roy, A. de Vernal, N. Arbour, and A. Stewart Ibarra. (Accepted) Practicing Transdisciplinarity in Diverse Contexts: Recommendations for Capacity Building for Global Environmental Change. *Journal of Science Policy & Governance*

Sammler, K.G and **House-Peters, L.** 2023 Unblackboxing Mediation in the Digital Mine. *Geoforum* 141: 103745.

Lynch, C.R., Bissel, D., **House-Peters, L.**, and Del Casino, V. 2021. Robotics, Affective Displacement, and the Automation of Care. *Annals of the American Association of Geographers* 112 (3), 684-691.

Del Casino, Jr., V., **House-Peters, L.**, Crampton, J., and Gerhardt, H. 2020. The social life of robots: The politics of algorithms, governance, and sovereignty. *Antipode: A Radical Journal of Geography* 52(3): 605-618.

Alonso-Yanez G., **House-Peters, L.**, Garcia-Cartagena, M., Ohira, M., Bonelli, S., Lorenzo Arana, I. 2019. Transdisciplinary Collaborations for Sustainability Research: Collective Reflections on Disciplinary Disobedience and Critical Unlearning. *Global Sustainability* 2: E5. DOI:10.1017/sus.2019

Gerlak, A.K, **L. House-Peters**, R.G. Varady, T. Albrecht, A. Zúñiga-Terán, C.A. Scott, R.R. de Grenade, and C. Cook. 2018. Water security: A critical review of place-based studies. *Environmental Science and Policy* 82: 79-89.

House-Peters, L., V. Del Casino, Jr., and C.F. Brooks. 2017. Dialogue, inquiry, and encounter: Critical geographies of online higher education. *Progress in Human Geography* 43(1): 81-103.

deGrenade, R., **L. House-Peters**, C.A. Scott, B. Thapa, M. Mills-Novoa, A. Gerlak, and K. Verbist. 2016. The nexus: Reconsidering environmental security and adaptive capacity. *Current Opinion in Environmental Sustainability* 21: 15-21.

Gober, P., Middel, A., Brazel, A., Myint, S., Chang, H., Duh, J.D., and **House-Peters, L.** 2012. Tradeoffs between water conservation and temperature amelioration in Phoenix and Portland: Implications for urban sustainability. *Urban Geography* 33 (7): 1030–1054. DOI: 10.2747/0272-3638.33.7.1030

House-Peters, L. and Chang, H. 2011. Urban water demand modeling: review of concepts, methods, and organizing principles. *Water Resources Research* 47 (5), W05401. DOI: 10.1029/2010WR009624

House-Peters, L. and Chang, H. 2011. Modeling the impact of land use and climate change on neighborhood-scale evaporation and nighttime cooling: A surface energy balance approach. *Landscape and Urban Planning* 103(2): 139-155. DOI: 10.1016/j.landurbplan.2011.07.005

House-Peters, L., B. Pratt, and H. Chang. 2010. Effects of urban spatial structure, sociodemographics, and climate on residential water consumption in Hillsboro, Oregon. *Journal of American Water Resources Association* 46(3): 1-12. DOI: 10.1111/j.1752-1688.2009.00415.x

Chang, H. and **House-Peters, L.** 2010. Cities as places for climate mitigation and adaptation: A case study of Portland, Oregon, USA. *Journal of the Korean Geographical Society* 45(1): 49-74.

Peer Reviewed Book Chapters

Pischke, E.C, K.E. Halvorsen., T.H. Mwampamba, **L. House-Peters**, A. Eastmond, L.P. Volkow, M.C. Frago Medina and M. Ohira. 2019. Transdisciplinary research teams: Broadening the scope of who participates in research. In: Halvorsen, K.E., C. Schelly, R. Handler, and J.L. Knowlton (Eds.) *A Research Agenda for Environmental Management*. Edward Elgar Publishing: Northampton, M.A.

House-Peters, L. 2017. Social-ecological transformations in riparian zones: The production of spaces of exclusion and the uneven development of resilience in the Sonoran borderlands. In: Grichting, A. and M. Zebich-Knos (Eds.) *Between the Lines: The Social Ecology of Border Landscapes*. Anthem Press: London.

Chang, H. and **House-Peters, L.** 2012. Climate Change. In: Snyder, S. (Ed.) *The US-South Korea Alliance: Meeting New Security Challenges*. Lynne Rienner Publishers: London.

Chang, H., Jones, J., Gannett, M., Tullos, D., Moradkhani, H., Vache, K., Parandvash, H., Shandas, V., Nolin, A., Fountain, A., Johnson, S., Jung, I.-W., **House-Peters, L.**, Steele, M., and Copeland, B., 2010. Chapter 3: Climate change and freshwater resources in Oregon, in *Oregon Climate Impact Assessment*. Dello, K.D. and Mote, P.W. (Eds.) College of Oceanic and Atmospheric Sciences, Oregon State University, Corvallis, OR. pp. 69-150.

Public Scholarship & Policy Documents

Alonso-Yanez, G., Garcia-Cartagena, M., and **House-Peters, L.** 2020. Decentering academia through social unlearning in transdisciplinary knowledge production. *Integration and Implementation Insights Blog: Research Resources for Understanding and Acting on Complex Real-World Problems*, <https://i2insights.org/2020/02/04/decentering-and-unlearning/> (~1,000 Direct Views in 2020; 5th most viewed blog post on *Implementations Insights Blog*).

Conference Proceedings

House-Peters, L. and C.A. Scott. 2011. Assessing the impacts of land use change on water availability, management, and resilience in arid region riparian Corridors: A case study of the San Pedro and Rio Sonora watersheds in southwestern USA and northern Mexico. *Proceedings from the XIVth World Water Congress, International Water Resources Association, Porto de Galinhas, Brazil*.

RESEARCH GRANTS & FELLOWSHIPS

Inter-American Institute for Global Change Research (IAI), *Transdisciplinary Curriculum for Global Environmental Change (TC-GEC)*, PI: **L. House-Peters**, 2022-2023, \$150,000.

RSCA, CSULB, “*Digital Ecology of the Smart Mine: Examining Novel Human-Environment Relations in Remotely Operated Extraction Landscapes*”, PI: **L. House-Peters**, Fall 2022, 3 Units Assigned Time (AT) (approximately equivalent to \$4,500).

RSCA-HEERF, CSULB, “*Power, Conflict & Plurality: Examining Governance Failures in Biodiversity Conservation Implementation in the Americas*”, PI: **L. House-Peters**, Spring 2022, 3 Units Assigned Time (AT) (approximately equivalent to \$4,500).

CSU Office of the Chancellor, Creating Climate Change Collaboration (4C) Climate Change Funding, “*Comparative Climate Change Policy Analysis in Two Cities in California (USA) and Two Cities in Baden-Wurttemberg (Germany)*”, PI: C. Jocoy, Co-PI: **L. House-Peters**, 2021, \$4,500.

Mini-Grant/Summer Stipend (MGSS), CSULB, “*Digital Ecology of the ‘Smart Mine’: Examining Novel Human-Environment Relations in Robotically-Enabled Extraction Landscapes*”, PI: **L. House-Peters**, Summer 2021, \$5,000.

Mini-Grant/Summer Stipend (MGSS), CSULB, “*Overcoming the Conservation Implementation Gap: New Governance Mechanisms for Integrating Diverse Knowledge Systems for Biodiversity Conservation in Conflict Zones*”, PI: **L. House-Peters**, Summer 2020, \$5,000.

Office of Research & Sponsored Projects (ORSP), CSULB, “*Environmental Justice and Resilience in Indigenous and Im/migrant Communities in Long Beach, California*”, PI: **L. House-Peters**, Co-PI’s: L. Heidbrink and T. Gregor, 2019-2020, \$15,000.

Inter-American Institute for Global Change Research (IAI) Small Grant Program (SGP), “*Incorporating Local and Traditional Knowledge Systems: New Insights for Ecosystem Services and Transdisciplinary Collaborations*,” PI: G. Alonso-Yanez, Co-PI: **L. House-Peters**, 2018-2020 (\$200,000 University of Calgary is PI organization; \$40,000 as subcontract to CSULB).

Campus as a Living Lab, CSU Office of the Chancellor, “*Environmental Sustainability & Social Justice: Mitigating Climate Change Impacts for a Just Future*,” PI: **L. House-Peters**, 2018-2019, \$12,000.

Research Across Borders – International Research Seed Grant, “*Pathways for Convergence and Cross-Sector Collaboration: Towards a Research Program for Actionable Socio-Environmental Science*,” PI: G. Alonso-Yanez, Co-PI: **L. House-Peters**, 2016-2018, \$10,000.

Scholarly Intersections, College of Liberal Arts, California State University, Long Beach, “*The Power of Storytelling: Integrating Digital Storytelling in Teaching and Research*,” PI: Lauren Heidbrink, Co-PI: **L. House-Peters**, 2016-2017, \$1,000.

Louise Foucar Marshall Foundation Dissertation Fellowship, “*Desert Forests and Riparian Flows: Tracing Social-Ecological Transformations in the Transboundary San Pedro River*,” PI: **L. House-Peters**, 2015-2016, \$10,788.

Inter-American Institute for Global Change Research (IAI) Training Institute Seed Grant (TISG), Principal Investigator, “*Strengthening Teamwork to Confront Social-Ecological Challenges: Generating New Knowledge for Effective Action in the Americas*,” PI: **L. House-Peters**, 2014-2016, \$20,000.

U.S. Fulbright – Garcia Robles Fellow, Mexico, J. William Fulbright Foreign Scholarship Board, PI: **L. House-Peters**, 2014-2015, \$15,000.

University of Arizona Water Sustainability Program Graduate Student Fellowship, “*Scenario Planning for Future Water Demand in the Transboundary San Pedro Watershed: Incorporating Improved Spatial Data and Modeling*,” 2013-2015, PI: **L. House-Peters**, \$18,000.

PRESENTATIONS

Invited Speaker

Invited Panelist, *How to Build a Strong Professional Network*, AAG Professional Development Seminar Series, April 19, 2022

Invited Panelist, *Positive Steps Toward Tenure: Developing Successful Trajectories in Research, Teaching and Service*, AAG Professional Development Webinar, October 30, 2020.

Invited Panelist, National University of Colombia, Environmental Governance: Challenges and Reflections in a Context of Transitions toward Transdisciplinarity, *Discussions about Environmental Governance and Transdisciplinarity*, Bogota, Colombia, March 4, 2020.

Invited Speaker, Aquarium of the Pacific, 2020 Climate Change Symposium, *Climate Justice & The Social Impacts of Climate Change*, Long Beach, CA, January 19, 2020.

Invited Colloquium Speaker, *Water for the Riparian Environment? Water Security, Environmental Policy & Dryland Riparian Ecology on the US-Mexico Border*, UC Irvine, Department of Ecology & Evolutionary Biology, Irvine, CA, June 1, 2018.

Invited Colloquium Speaker, *Algorithmic Ecologies: Digital Natures & Shifting Environmental Governance Regimes*, CSULB Geography Department Colloquium, Long Beach, CA, April 18, 2018.

Invited Colloquium Speaker, *Desert Forests and Riparian Flows: Shifting Topographies of Water Security in the US-Mexico Borderlands*, The George Washington University, Department of Geography Speaker Series, Washington, DC, January 26, 2018.

Invited Presenter, *Closing the Gap between the Rhetoric and Practice: An Analysis of Interdisciplinary Team Science to Confront Global Change in the Americas*, Werklund School of Education, University of Calgary, Calgary, Canada, May 2016.

Invited Presenter, *Innovative Approaches to Researching Transdisciplinary Teamwork for Effective Science-Policy Action in the Americas*. Instituto de Investigaciones en Ecosistemas y Sustentabilidad (Institute of Ecosystems and Sustainability Research), Universidad Nacional Autónoma de México (UNAM), Morelia, Michoacán, Mexico, August 18, 2015.

Invited Presenter, *Strengthening Teamwork to Confront Socio-Ecological Challenges: Generating New Knowledge for Effective Action in the Americas*. Espacio Interdisciplinario (Interdisciplinary Space), Universidad de la República (University of the Republic of Uruguay), Montevideo, Uruguay, March 19, 2015.

Capacity Building/Public Scholarship Courses

2022 (Sept – Nov) Climate, Environment and Health (CEH) for the Americas – Mobilizing Transdisciplinary Knowledge and Training for Policy Action Course. Designed the curriculum and co-lead a 7-week synchronous online course with 120 participants from across the Americas region. Hosted by the *Global Consortium on Climate and Health Education* at Columbia University. Funded by the Inter-American Institute for Global Change Research (IAI), Pan American Health Organization (PAHO), and

World Health Organization (WHO). *Course details and materials available here:* <https://www.iai.int/en/post/detail/CEH-responders-in-the-Americas>

Conference Paper Presentations

House-Peters, L., M. Valentine, G. Alonso-Yanez, F. Quispe, and L. Sandroni. 2023. Fostering Collective Ways of Building Knowledge for a Transdisciplinary Approach. *American Association for the Advancement of Science (AAAS) Meeting*, Washington DC, (In Person), March 3, 2023

House-Peters, L., M. Valentine, G. Alonso Yanez, and F. Quispe. 2022. Building Transdisciplinary Research Paths towards a more Sustainable and Inclusive Future. *Canadian Science Policy Centre (CPSC)*, (Virtual), December 14, 2022.

House-Peters, L. 2022. Automated Extraction, Computational Ecologies, and Augmented Realities in the Digital Mine. *Society for Social Studies of Science (4S)*, Cholula, Mexico, (Virtual due to Covid), December 10, 2022

C. Jocoy, M. Nagel, and **L. House-Peters**. 2022. Comparative Climate Action Policy: Lessons learned from local climate change networks in California and Baden-Württemberg. *Scholarly Intersections Event*, CSULB, Long Beach, CA, (In Person), October 17, 2022

Alonso Yanez, G., **House-Peters, L.**, Watson, A., and M. Valentine. 2022. Traditional Ecological Knowledge for Action-Oriented and Socially-Just Research in the Americas. *Science Summit at the United Nations General Assembly 77*, United Nations, New York, NY, (Virtual), September 28, 2022.

House-Peters, L., G. Alonso Yanez, M. Valentine, and M. Garcia Cartagena. 2022. Transdisciplinary Foundations 101 Workshop. *Sustainability Research and Innovation (SRI) Congress*, Future Africa Institute, Pretoria, South Africa (Virtual due to Covid19), June 20, 2022.

Alonso Yanez, G., **House-Peters, L.** and M. Garcia Cartagena. 2022. Incorporating Local and Traditional Knowledge Systems: New Insights for Ecosystem Services and Transdisciplinary Collaborations. *Sustainability Research and Innovation (SRI) Congress*, Future Africa Institute, Pretoria, South Africa (Virtual due to Covid19), June 23, 2022.

Nagel, C., **House-Peters, L.**, and C. Jocoy. 2022. Lessons learned from local climate change networks in California and Baden-Wurttemberg. *Faculty Day "Sustainable Cities & Climate Change"*, University of Tübingen, (In-Person) Germany, June 20, 2022.

House-Peters, L. 2022. Visualizing Depth: Computational Ecology and Remote Control in the Digital Mine. *American Association of Geographers (AAG)*, New York, NY (Virtual due to COVID19), March 1, 2022

Alonso Yanez, G., and **House-Peters, L.** 2021. Incorporating Local and Traditional Knowledge Systems: New Insights for Ecosystem Services and Transdisciplinary Collaborations. IAI Conference of the Parties (COP) presentation, Montevideo, Uruguay (Virtual), November 17, 2021.

House-Peters, L. and K. Sammler. 2021. Digital Ecologies of the 'Smart Mine'. *Association of Pacific Coast Geographers (APCG)*, San Diego, CA, (In Person), October 14, 2021.

Sammler, K. and **L. House-Peters**. 2021. Digital Ecologies of the Smart Mine. *Digital Ecologies Workshop*, Cambridge University, (Virtual), March 29-30, 2021.

L. House-Peters, M. Garcia Cartagena, and G. Alonso-Yanez. 2021. Boundary Objects in Transdisciplinary Transformations Research. *Transformations Conference*, (Virtual due to COVID19), June 18, 2021.

L. House-Peters. 2021. Computational Ecologies, Haptic Sites of Experience, and the Co-Production of Sensory Intelligence in Rio Tinto's 'Mine of the Future'TM. *American Association of Geographers (AAG)*, (Virtual due to COVID19), April 9, 2021.

K. Sammler and **L. House-Peters**. 2021. The Rise of the Mining Robots: New Technologies for Subaqueous and Subterranean Sensing and Iron Extraction in Oceania. *Society for Cinema and Media Studies (SCMS)*, (Virtual due to COVID19), March 19, 2021.

Alonso-Yanez, G., **L. House-Peters**, M. Garcia Cartagena, J. Rubiano Paez, and A. Rincon Ruiz. 2020. Boundary Objects as Enablers of Transdisciplinary Sustainability Research. *ESP LAC Conferencia Regional*, (Virtual due to COVID19), November 27, 2020.

L. House-Peters. 2020. Mining from Nowhere: New Geographies of SpaceTime Compression in the World's Autonomous Mining Technology Testing Ground in Western Australia. *American Association of Geographers (AAG)*, Denver, CO, (Virtual due to COVID 19), April 9, 2020.

L. House-Peters, K. Sammler, and C. Lynch. 2019. The Robot in the Coal Mine: Emerging Regimes of Hyper-Extractivism in the Robotic Age. *American Association of Geographers (AAG)*, Washington, DC, April 7, 2019.

L. House-Peters. 2019. Algorithmic Ecologies and Robotic Regimes of Hyper-Extractivism. *Crafting the Long Tomorrow Conference*, Biosphere 2, Arizona, February 2019.

L. House-Peters. 2018. Water Security. *CSU Climate Change Research Community Conference*, Online, July 2018.

L. House-Peters. 2018. Algorithmic Ecologies: Shifting Environmental Governance Regimes in the Age of Big Data. *American Association of Geographers (AAG)*, New Orleans, LA, April 13, 2018.

Alonso-Yanez, G., **L. House-Peters**, and M. Ohira. 2017. On Speaking a Transdisciplinary Language: Pathways for Knowledge Integration and Cross-Sector Collaboration. *Conference of the Programme on Ecosystem Change and Society*, Oaxaca, Mexico, November 10, 2017.

L. House-Peters. 2017. Integrating Climate Justice and Social Justice in the Geography Classroom: An Experiential Pedagogy Approach. *Association of Pacific Coast Geographers (APCG)*, Chico, CA, October 28, 2017.

House-Peters, L. 2017. Putting the Resilience Commitment into Action. *California Higher Education Sustainability Conference (CHESC)*, Santa Barbara, CA, June 2017.

House-Peters, L. 2017. Shifting Topographies of Water Security in the US-Mexico Borderlands: An Integrated Social-Ecological Systems Conceptual Framework. *American Association of Geographers*, Boston, MA, April 5, 2017.

L. House-Peters and Del Casino Jr., V. 2017. Birth of the Robotic Clinic: An Archaeology of Algorithmic Medical Perception. *Association of Pacific Coast Geographers (APCG)*, Portland, OR, October 7, 2016.

House-Peters, L. Riparian Enclosures: Managing Water through Mechanisms of Exclusion in an Over-Allocated Watershed in the Western US-Mexico Borderlands. *American Association of Geographers*, San Francisco, CA, April 2016.

House-Peters, L. A Return to *Communal Luxury*? Reimagining Historical Peasant Invasions and Occupations to Defend Communal Water Management in Sonora, Mexico. *Undisciplined Environments, Conference of the European Network of Political Ecology (ENTITLE)*, Stockholm, Sweden, March 2016.

House-Peters, L. From Static Landscapes to Variegated Topographies of Resilience: Recognizing the Vertical Dimensions of Riparian Transformations in the US-Mexico Borderlands, *Association of Pacific Coast Geographers (APCG)*, Palm Springs, CA, October 2015.

House-Peters, L. and D. Chan. Developing a 2010 Landcover Classification for the Upper San Pedro River Watershed: A Classification and Regression Tree (CART) Model Approach, *Arizona Hydrological Society Annual Symposium*, Phoenix, AZ, September 2015.

House-Peters, L. and Pallanez, M. Uneven Conservation of Binational Riparian Resources: Institutional Conflict, Ecological Uncertainty, and Community Organization in the Sonoran Desert Borderlands, *International Symposium on Society and Resource Management (ISSRM)*, Charleston, SC, June 2015.

Alonso-Yañez, G., **L. House-Peters**, S. Bonelli, M. Garcia Cartagena, M. Farfan, I. Lorenzo, and J. Pittman. Innovative Approaches to Researching Transdisciplinary Teamwork for Effective Science-Policy Action in the Americas, *Science of Team Science Conference*, Bethesda, MD, June 2015.

House-Peters, L. Conservation and Conflict in Transboundary Waters: Tracing the (Dis)Articulations of Community Organization, State-power, and the Politics of Nature in the US-Mexico Borderlands, *American Association of Geographers*, Chicago, IL, April 2015.

House-Peters, L. Socio-Ecological Transformations in Desert Forests: Theorizing the Power of Nature and the Nature of Power in Arid-Region Riparian Corridors, *Deserts & Oceans 2015: Charting Transdisciplinary Currents in Environment and Culture within the Arts and Sciences*, Tucson, AZ, March 2015.

House-Peters, L. Socio-Ecological Transformations in Riparian Zones: The Production of Spaces of Exclusion and the Uneven Development of Resilience in the Sonoran Borderlands, *Association of Pacific Coast Geographers*, Tucson, AZ, September 2014.

House-Peters, L. Fluid Entanglements in Fugitive Spaces: Environmental Knowledge and Power Regimes in Riparian Social-Ecological Systems in the Sonoran Borderlands, *Dimensions of Political Ecology Conference on Nature/Society*, Lexington, KY, February 2014.

House-Peters, L. Riparian Resilience or Riparian Risk? Uneven Productions of Water Scarcity and Water Abundance in the Sonoran Borderlands, *Conference of Latin Americanist Geographers*, Panama City, Panama, January 2014.

House-Peters, L. Border Flows: Governing River Resources in Drought-prone Ejido Communities in the Sonoran Borderlands, Mexico, *Tinker Foundation Latin America Research Symposium*, Tucson, AZ, November, 2013.

House-Peters, L. Discursive Productions of Asymmetry, Elisions of Porosity: Environmental Governance Regimes and Riparian Politics in the US/Mexico Border Region, *American Association of Geographers*, Los Angeles, CA, April 2013.

House-Peters, L. Fortalecimiento de la Resiliencia en Corredores Riparios Áridos: Cambio de Uso del Suelo e Impactos a la Sostenibilidad en las Cuencas de los Ríos San Pedro y San Miguel, *International Colloquium on Sustainable Development*, Nogales, Sonora, Mexico, November 2012.

House-Peters, L. Producing (A)Symmetries? Environmental Governance Regimes and Riparian Politics in the US/Mexico Border Region, *Association of Pacific Coast Geographers*, Olympia, WA, September 2012.

House-Peters, L. Approaching tipping points? Hydro-politics, Conservation, Exploitation, and Riparian Resilience in the US/Mexico Border Region, *American Association of Geographers*, New York, NY, February 2012.

House-Peters, L. Hydro-politics, Exploitation, and Conservation: A Case Study of Riparian Resilience in the Rio San Miguel Watershed, *Conference of Latin Americanist Geographers*, Merida, Mexico, January 2012.

House-Peters, L. and C.A. Scott. Assessing the Impacts of Land Use Change on Water Availability, Management, and Resilience in Arid Region Riparian Corridors: A Case Study of the San Pedro and Rio Sonora Watersheds in Southwestern USA and Northern Mexico, *XIVth World Water Congress*, Porto de Galinhas, Brazil, September 2011.

House-Peters, L. In Pursuit of the Water Sensitive City: Examining the Institutionalization of Alternative Water Technologies in Melbourne, Australia, *American Association of Geographers*, Seattle, WA, April 2011.

Pavao-Zuckerman, M., R. Gimblett, **L. House-Peters**, and R. Lewis. Resilience in Riparian Corridors: Understanding Contributions of Ecohydrological Change and Social Process in System Collapse and Reorganization, *Resilience Alliance*, Phoenix, AZ, March 2011.

House-Peters, L. Examining Barriers to Realizing Water Sensitive Urban Design: The Challenge of Institutionalizing Alternative Technologies on Private Land, *Australian Academy of Sciences*, Sydney, Australia, July 2010.

House-Peters, L. The Challenge of Predicting Future Urban Water Demand: A System Dynamics Modeling Approach, *American Association of Geographers*, Washington, DC, April 2010.

House-Peters, L. What Determines Urban Residential Water Consumption Behavior? Results from a Household Survey in Hillsboro, Oregon, *Oregon Academy of Sciences*, Portland, OR, February 2010.

House-Peters, L. and H. Chang. Downscaled Climate Change Impacts on Seasonal Streamflow in the Willamette Basin, Oregon, *Lower Willamette Climate Futures Forums Natural Systems Workshop*, Portland, OR, March 2010.

House-Peters, L. Impacts of Urban Design and Vegetation Characteristics on the Surface Energy Budget in Hillsboro, Oregon, *Urban Ecology Research Consortium Annual Meeting*, Portland, OR, January 2010.

House-Peters, L. Suburban Residential Water Consumption in the Pacific Northwest: A Spatial Analysis of Determinants and Climate Sensitivity in Hillsboro, Oregon, *Association of Pacific Coast Geographers*, San Diego, CA, September 2009.

Poster Presentations

House-Peters, L., G. Alonso-Yañez, J. Pittman, M. García, M. Farfán, S. Bonellí, and I. Lorenzo. Closing the Gap between the Rhetoric and Practice: An Analysis of Interdisciplinary Team Science to Confront Global Change in the Americas, *2016 Science of Team Science Conference*, Phoenix, AZ, May 19, 2016.

REVIEW PANELS

- 2022 NOAA Regional Integrated Sciences and Assessments (RISA) Grant Evaluation Panel in the NOAA-Climate Program Office (Division of Climate & Societal Interactions), evaluating submitted grants up to \$5 million dollars from collaborative research teams across the United States focused on increasing climate resiliency in social-ecological systems (April 5-7, 2022)
- 2020 Panelist for the NOAA Environmental Literacy Program (ELP), Priority 1 Full Application Review panel (May 2020).

INTERDISCIPLINARY & TRANSDISCIPLINARY TRAINING

- 2017 UC-CSU Knowledge Action Network (KAN) for Transformative Climate and Sustainability Education and Action, *Southern California Collaborative Workshop*, Fullerton, California.
- 2017 Inter-American Institute for Global Change Research (IAI) and University of Calgary, “*Interdisciplinary Approaches to Integrating Policy and Science for Sustainability: Professional Development Seminar*,” Calgary, Canada.
- 2015 University of Arizona Sustainable Water Action (SWAN), “*Can We Talk? Designing a Transdisciplinary Education Experience*,” Biosphere 2, Tucson, Arizona.
- 2014 National Oceanic and Atmospheric Administration (NOAA) Climate-Society Interactions Grant, Inter-American Institute for Global Change Research (IAI), and AQUASEC Center of Excellence for Water Security, “*Metrics and Measurement of Adaptation: Advances in Water Research in the Arid Americas*,” Tucson, Arizona.
- 2014 Inter-American Institute for Global Change Research (IAI), “*Professional Development Seminar on Modeling Strategies and Decision-Support Tools for the Management of Complex Socio-Ecological Systems*,” Antigua, Guatemala (March 2014) & Panama City, Panama (Aug. 2014).
- 2012 Pan-American Advanced Studies Institute Program (PASI), National Science Foundation, “*Air Quality at the Interface: Megacities and Agroecosystems*,” La Plata, Argentina.
- 2008 National Science Foundation, US-India Workshop, “*Coupled Human-Natural Systems and the Challenge of Rapid Urbanization to the Resiliency of Water Resources*,” Bangalore, India.

SERVICE: PROFESSIONAL SERVICE & LEADERSHIP

- Associate Dean Search Committee Member, College of Liberal Arts, California State University, Long Beach, 2022-2023.
- Equity Task Force, College of Liberal Arts Strategic Plan (CLASP) Implementation Team, College of Liberal Arts, California State University, Long Beach (CSULB), 2022-present.
- Committee on the Status of Women in Geography, American Association of Geographers (AAG), 2022-present.

- Campus Climate Committee, California State University, Long Beach (CSULB), 2021-present.
- Board Member, Wetland Fund, Los Cerritos Wetlands, Long Beach, CA, 2021-present.
- Board Member, Los Cerritos Wetlands Land Trust (LCWLT), Long Beach, CA, 2021-present.
- Faculty Representative, College of Liberal Arts, California Faculty Association (CFA), CSULB, 2021-present
- Secretary, General Education Governing Committee (GEGC), California State University, Long Beach (CSULB), 2021-2022.
- Undergraduate Advisor, Department of Geography, CSULB, 2019-2022.
- Commissioner, President's Commission on Sustainability, Elected Representative for the College of Liberal Arts, CSULB, 2019-2022.
- Member, Scientific Advisory Committee, Climate Action & Adaptation Plan (CAAP), City of Long Beach, 2018-2019.
- Co-Chair, Women's Network, Association of Pacific Coast Geographers (APCG), 2017-2022.
- Probationary Faculty Representative, California Faculty Association (CFA), CSULB, 2019-2021.
- Faculty Advisor, Student Sustainability Coalition (SSC) Student Group, CSULB, 2017-2020.
- Advisory Committee, Environmental Science & Policy Program, CSULB, 2016-present.
- Curriculum Committee, Department of Geography, CSULB, 2018-present.
- Graduate Committee, Department of Geography, CSULB, 2017-present.
- Chair, Resilience Working Group, University wide, CSULB, 2016-2019.

PROFESSIONAL ASSOCIATIONS

2008-present	Association of American Geographers (AAG)
2008-present	Association of Pacific Coast Geographers (APCG)
2022-2023	Society for the Social Studies of Science (4S)
2021-2022	National Women's Studies Association (NWSA)
2020-2021	Society for Cinema and Media Studies (SCMS)
2010-2016	Conference of Latin American Geographers (CLAG)
2014-2016	Science of Team Science Association (SciTS)

LANGUAGES

Spanish, fluent: reading, writing, speaking