TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Thomas Ptak Title: Associate Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2016	University of Oregon	Geography	Understanding Hydropower in China, Balancing Energy Security, Development and Environmental Sustainability in the Nu River Valley of Yunnan Province
MA	2010	University of Oregon	Geography	

C. University Experience

Position	*University*	*Comments*	*Dates*
Assistant Professor, Geography and Environmental Studies	Texas State University. San Marcos, United States		August 2021 - Present
Assistant Professor, Geography	University of Idaho. Moscow, ID, United States		August 2017 - May 2021
Visiting Assistant Professor, Geography, Environment and Planning	Sonoma State University		January 2017 - May 2017

II. TEACHING

A. Teaching Honors and Awards:

Award / Honor Recipient: Favorite Professor Award, Alpha Chi Honor Society. 2024

Award / Honor Recipient: Most inspirational faculty member, Department of Geography and Geological Sciences, University of Idaho.

May 2021

B. Courses Taught:

Texas State University:

GEO 2310 - GLOBAL ENVIRONMENTAL CHANGE

GEO 3312 - UNDERSTANDING CLIMATE CHANGE

GEO 3321 - ENERGY RES MGT

GEO 3333 - GEOGRAPHY OF CHINA & JAPAN

GEO 3333 - GEOGRAPHY OF EAST ASIA

GEO 4313 - ENVIRONMENTAL MANAGEMENT

GEO 5190 - INDEPENDENT STUDY

GEO 5199B - THESIS

GEO 5290 - INDEPENDENT STUDY

GEO 5313 - ENVIRONMENTAL STUDIES

GEO 5316 - APPLD PHYSCL GEO

GEO 5390 - INDEPENDENT STUDY

GEO 5399A - THESIS

GEO 5399B - THESIS

GEO 7390 - INDEPENDENT STUDY

GEO 7393M - GLOBAL CLIMATE CHG

GEO 7399A - DISSERTATION

GEO 7699A - DISSERTATION

GEO 7999A - DISSERTATION

Sonoma State University:

Geog 202 - World Regional Geography

Geog 338 - Environmental Geography

Geog 396 - Geography of Pacific Asia

University of Idaho:

Geog 165 - Introduction to Human Geography

Geog 200 - World Regional Geography

Geog 404 - North American Energy Landscapes

Geog 411 - Natural Hazards and Society

Geog 455 - Societal Resilience and Adaptation to Climate Change

Geog 488 - Geography of Energy Systems

Geog 501 - Energy Geographies

University of Oregon:

Geog 142 - Introduction to Human Geography

Geog 410 - Geography of Energy Systems

Geog 142 - Introduction to Human Geography

Geog 201 - World Regional Geography

Geog 202 - Geography of Europe

Geog 205 - Geography of Pacific Asia

Geog 341 - Environment and Society

Geog 399 - Applied Geography

Geog 410/510 - Field Studies in Human Geography

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Supervisor / Chair, TXST Ideas Center Quality Enhancement Plan, "Impacts of Data Centers in Hays County, Texas", Status: In Progress. (2025 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Ethan Heiskell, Undergraduate, Bachelor of Science.

Supervisor / Chair, Dissertation, "Energy Justice and Sunlight Pensions in Rural South Korea", Status: In Progress. (September 2024 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Jong-Ku Park, Doctoral, PhD.

Member, Applied Research Project, "Transportation Assessement", Status: In Progress. (August 15, 2023 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Drake Blanchard, Graduate, MAGeo.

Member, Dissertation, "Water Policy and Climate Change", Status: In Progress. (June 1, 2022 - Present). Geography and Environmental Studies, Texas State University.
Student(s): Andrew Adams, Doctoral, PhD.

Member, Dissertation, "BEACHFRONT “ARCHEO”-PROPERTY: GEOGRAPHICAL EXAMINATION OF TEXAS COASTAL ARCHEOLOGICAL SITES IN AN EVER CHANGING ENVIRONMENT", Status: Completed. (2022 - November 2025). Geography and Environmental Studies, Texas State University.
Student(s): Amy Borgens, Doctoral.

Supervisor / Chair, Master's Thesis, "SITUATING ASSEMBLAGE THEORY WITHIN PARTICIPATORY RESEARCH ON ADAPTIVE CAPACITY TO WILDFIRE AND ENVIRONMENTAL HAZARDS", Status: Completed. (July 1, 2023 - April 14, 2025). Geography and Environmental Studies, Texas State University.
Student(s): Julie Brooks, Graduate, Master of Science.

Member, Master's Thesis, "Aging oil landscapes, methane, and hydrogen sulfide in Caldwell County, TX", Status: Completed. (September 1, 2021 - December 2024). Geography and Environmental Studies, Texas State University.
Student(s): Abigail Edgar, Graduate, MA.

Member, Applied Research Project, "Development of Optical Brightener Monitoring Community Science Methods to Detect Human Fecal Contamination", Status: Completed. (2022 - May 2024).
Student(s): Desiree Jackson, Graduate, Masters.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2021). Geography, University of Idaho.
Student(s): Alexandra Stutzman, Undergraduate, Bsc.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2021). Geography, University of Idaho.
Student(s): Daniel Bakken, Undergraduate, Bsc.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2021). Geography, University of Idaho.
Student(s): Hailey Smith, Undergraduate, Bsc.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2021). Geography, University of Idaho.
Student(s): John Asker, Undergraduate, Bsc.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2021). Geography, University of Idaho.
Student(s): Monika Halmo, Undergraduate, Bsc.

Member, Master's Thesis, Status: Completed. (2019 - 2021). Geography, University of Idaho.
Student(s): Jinsoo Lee, Graduate, MA.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2020). Geography, University of Idaho.
Student(s): Cameron Weller, Undergraduate, Bsc.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2020). Geography, University of Idaho.
Student(s): Corey Cornett, Undergraduate, Bsc.

Supervisor / Chair, Candidacy Exam, Status: Completed. (2019). Geography, University of Idaho.
Student(s): Alexander Nagel, Graduate, PhD.

Supervisor / Chair, Undergraduate Capstone, Status: Completed. (2019). Geography, University of Idaho.
Student(s): Christopher Lenz, Undergraduate, Bsc.

Member, Master's Thesis, Status: Completed. (2017 - 2018). Geography, University of Idaho.
Student(s): David Russel, Graduate, MA.

E. Teaching Grants and Contracts

3. Funded Internal Teaching Grants and Contracts:

Ptak, Thomas Walter. Think Open Fellowship, University of Idaho, Institutional (Higher Ed), $1,500.00. (Funded: 2018). Grant.

G. Teaching Professional Development Activities Attended

Workshop, "LGBTQiA Allies Training," Texas State University, San Marcos. (December 2021).

Workshop, "Sexual Harassment and Title IX," Center on Diversity and Community, University of Oregon. (November 2014).

Workshop, "Rubric Design and Implementation," Teaching Effectiveness Program University of Oregon. (October 2014).

Workshop, "Effective Course Design," Teaching Effectiveness Program University of Oregon. (March 2012).

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

d. Chapters in Books:

Refereed:

Ptak, T. W. (2025). Weather, shifting demands and conflict: analysing electric outages across the European Union and Ukraine. In *Are Low-Carbon Futures Decentralised? The Governance of Collective Electricity Systems* (pp. 86–95). Edwin Elgar. https://doi.org/https://doi.org/10.4337/9781035355198.00013
Weather shifting demands and conflict- analysing electric outages across the European Union and Ukraine-1.pdf

Ptak, T. W. (2024). Borders, Boundaries, and Borderlands. In *The Encyclopedia of Human Geography* (pp. 1–8). Springer Nature. Retrieved from https://link.springer.com/referenceworkentry/10.1007/978-3-031-25900-5_9-1
https://link.springer.com/referenceworkentry/10.1007/978-3-031-25900-5_9-1
Radil Ptak 2024 Borders Boundaries and Borderlands Encyc of Hum Geo Springer-1.pdf

Ptak, T. W., & Radil, S. (2022). Democratic Divergence and the Landscape of Community Solar in the United States. In *Democratizing Energy, Insecurities, Risks, Transitions*. Elsevier. Retrieved from https://www.elsevier.com/books/energy-democracies-for-sustainable-futur

es/nadesan/978-0-12-822796-1
https://www.elsevier.com/books/energy-democracies-for-sustainable-futures/nadesan/978-0-12-822796-1

Ptak, T. W. (2021). Small Hydropower for Electricity and Modernity: Impacts on the Everyday Lives of Minority Communities in Yunnan's Nu River Valley. In *The Political Economy of Hydropower in Southwest China and beyond*. Palgrave Macmillan. https://doi.org/http://dx.doi.org/10.1007/978-3-030-59361-2
Small Hydro for Electricity and Modernity-1.pdf

Ptak, T. W. (2019). Southwest China. In *The Wiley-Blackwell Encyclopedia of Urban and Regional Studies*. Wiley-Blackwell. https://doi.org/https://doi.org/10.1002/9781118568446.eurs0304
Southwest China Wiley Blackwell-1.pdf

Ptak, T. W. (2019). Visual Expressions of the State: Borders and Boundary Markers in a Dynamic China and Asia. In *Handbook of the Changing World Language Map*. Springer. https://doi.org/https://doi.org/10.1007/978-3-319-73400-2_71-1
Visual Expressions of States Culture and Nature- Borders Boundary Markers and Borderscapes Across a Dynamic China and Asia-1.pdf

2. Articles:

a. Refereed Journal Articles:

Ptak, T. W., Stock, R., Sareen, S., & Kumar, A. (2026). Poking the dragon! The fiery range of energy geographers' brea(d)th. *Dialogues in Human Geography*. Published. https://doi.org/https://doi.org/10.1177/20438206261469579

Stock, R., & Ptak, T. W. (2026). Destroy to create: Geopolitical ecologies and gendered dispossessions of solar development in Ghana. *Environment and Planning E: Nature and Space*. Published. https://doi.org/https://doi.org/10.1177/25148486261425855

Ptak, T. W. (2025). 45 años de estudios sobre fronteras. *Journal of Border Research*, (1), 127–128. https://doi.org/https://doi.org/10.34096/rif.2025.24

Ptak, T. W. (2025). A systematic review and typology of power outage literature: Critical infrastructure, climate change and social impacts. *Renewable and Sustainable Energy Reviews*, *218*. Published. https://doi.org/https://doi.org/10.1016/j.rser.2025.115778
A systematic review and typology of power outage literature- Critical infrastructure climate change and social impacts-1.pdf

Ptak, T. W. (2025). Power outage-risk integrated social vulnerability analysis highlights disparities in small residential communities. *Nature Communications Earth & Environment*, *6*(294). https://doi.org/https://doi.org/10.1038/s43247-025-02278-1
s43247-025-02278-1-1.pdf

Ptak, T. W. (2025). Repositioning energy geographies in a time of crisis: Arguments from a subdiscipline on the margins of geography. *Dialogues in Human Geography*. Published. https://doi.org/DOI: 10.1177/20438206251316025
ptak-et-al-2025-repositioning-energy-geographies-in-a-time-of-crisis-arguments-from-a-subdiscipline-on-the-margins-of-1.pdf

Ptak, T. W. (2024). Coupling Fire and Energy in the Anthropocene: Deploying Scale to Analyze Vulnerability from Forced Electrical Outages in Butte County, California. *Energy Research and Social Science*, (112). https://doi.org/https://doi.org/10.1016/j.erss.2024.103519
https://www.sciencedirect.com/science/article/pii/S2214629624001105

Ptak, T. W. (2024). Miner threat: Premature death to prefigurative politics for unearthing solar-grade silica. *Human Geography*, 1–14. https://doi.org/https://doi.org/10.1177/19427786241258717
StockPtak-2024-miner-threat-premature-death-to-prefigurative-politics-for-unearthing-solar-grade-silica-1.pdf

Walther, O., Szary, A.-L., Brambilla, C., Brunet-Jailly, E., Klatt, M., Laine, J., … Radil, S. (2023). Border Studies at 45. *Political Geography*, *104*. Published. https://doi.org/https://doi.org/10.1016/j.polgeo.2023.102909
Walther_et_al_2023_border_studies_45-1.pdf

Ptak, T. W., Crootof, A., Harlan, T., & Kelly, S. (2022). Critically analyzing the purported global "boom" in small hydropower development through spatial and temporal analysis. *Renewable and Sustainable Energy Reviews*, *163*. Published. https://doi.org/https://doi.org/10.1016/j.rser.2022.112490
Critically evaluating the purported global "boom" in small hydropower development through spatial and temporal analysis-1.pdf

Crootof, A., Shrestha, R., Albrecht, T., Ptak, T. W., & Scott, C. A. (2021). Sacrificing the local to support the national: Politics, sustainability, and governance in Nepal's hydropower paradox. *Energy Research and Social Science*, *80*. Published. https://doi.org/10.1016/j.erss.2021.102206
https://api.elsevier.com/content/abstract/scopus_id/85111277287
Sacrificing the local to support the national- Politics sustainability and governance in Nepal's hydropower paradox-1.pdf

Nagel, A. C., & Ptak, T. W. (2021). Approaching obsolescence? A multi-criteria analysis of high-risk dams in the United States Pacific Northwest. *International Journal of Water Resources Development*. Published.

https://doi.org/10.1080/07900627.2020.1856050
https://api.elsevier.com/content/abstract/scopus_id/85099923598
Approaching obsolescence A multi-criteria analysis of high-risk dams in the United States Pacific Northwest-1.pdf

Haltinner, K., Sarathchandra, D., & Ptak, T. W. (2021). How Believing That Climate Change Is a Conspiracy Affects Skeptics' Environmental Attitudes. *Environment: Science and Policy for Sustainable Development*, *63*(3), 25–33. https://doi.org/10.1080/00139157.2021.1898900
https://api.elsevier.com/content/abstract/scopus_id/85105634594
How Believing That Climate Change Is a Conspiracy Affects Skeptics' Environmental Attitudes-1.pdf

Ptak, T. W., & Konrad, V. (2021). "Crossing the River by Feeling the Stones": How Borders, Energy Development and Ongoing Experimentation Shape the Dynamic Transformation of Yunnan Province. *Journal of Borderlands Studies*, *36*(5), 765–789. https://doi.org/10.1080/08865655.2021.1924074
https://api.elsevier.com/content/abstract/scopus_id/85107560948

Radil, S. M., Castan Pinos, J., & Ptak, T. W. (2020). Borders resurgent: towards a post-Covid-19 global border regime? *Space and Polity*, 1–9. https://doi.org/10.1080/13562576.2020.1773254
https://api.elsevier.com/content/abstract/scopus_id/85087908903
Borders resurgent- towards a post-Covid-19 global border regime-1.pdf

Abatzoglou, J. T., Smith, C. M., Swain, D. L., Ptak, T. W., & Kolden, C. A. (2020). Population exposure to pre-emptive de-energization aimed at averting wildfires in Northern California. *Environmental Research Letters*, *15*(9). https://doi.org/10.1088/1748-9326/aba135
https://api.elsevier.com/content/abstract/scopus_id/85091171823
Population exposure to pre-emptive deenergization aimed at averting wildfires in Northern California-1.pdf

Ptak, T. W., Laine, J. P., Hu, Z., Liu, Y., Konrad, V., & van der Velde, M. (2020). Understanding borders through dynamic processes: capturing relational motion from south-west China's radiation centre. *Territory, Politics, Governance*. Published. https://doi.org/10.1080/21622671.2020.1764861
https://api.elsevier.com/content/abstract/scopus_id/85087027337

Ptak, T. W. (2019). Towards an ethnography of small hydropower in China: Rural electrification, socioeconomic development and furtive hydroscapes. *Energy Research and Social Science*, *48*, 116–130. https://doi.org/10.1016/j.erss.2018.09.010
https://api.elsevier.com/content/abstract/scopus_id/85054572346

Ptak, T. W., Nagel, A., Radil, S. M., & Phayre, D. (2018). Rethinking community: Analyzing the landscape of community solar through the

community-place nexus. *Electricity Journal*, *31*(10), 46–51. https://doi.org/10.1016/j.tej.2018.11.006 https://api.elsevier.com/content/abstract/scopus_id/85057471868

Ptak, T. W. (2017). Considering multiple Chinas in the shifting regional geopolitics of Mekong river dams. *Political Geography*, *58*, 136–138. https://doi.org/10.1016/j.polgeo.2016.09.007 https://api.elsevier.com/content/abstract/scopus_id/85007529960
Considering Multiple Chinas in Shifting Regional Geopolitics of Mekong Dams PG-1.pdf

Ptak, T. W., & Hommel, D. (2016). The trans-political nature of Southwest China's energy conduit, Yunnan Province. *Geopolitics*, *21*(3), 556–578. https://doi.org/10.1080/14650045.2015.1114471 https://api.elsevier.com/content/abstract/scopus_id/84961225992

Ptak, T. W. (2014). Dams and Development: Understanding Hydropower in Far Western Yunnan Province. *Focus on Geography*, *57*(2), 43–53. https://doi.org/http://dx.doi.org/10.1111/foge.12028
Dams and Development Understanding Hydropower in Far Western Yunnan Province China-1.pdf

6. Book Reviews:

Ptak, T. W. (2016, May). Vietnamese-Chinese Relationships at the Borderlands: Trade, Tourism and Cultural Politics. *Journal of Borderland Studies*. Taylor and Francis. https://doi.org/http://dx.doi.org/10.1080/08865655.2016.1153942
Vietnamese Chinese Relationships at the Borderlands Trade Tourism and Cultural Politics-1.pdf

10. Other Works in Print:

podcasts:

Mace, R. E., Thompson, C., & Ptak, T. (2022). *Individual Action Can Make A BIG Difference In Tackling Climate Change (with Dr. Thomas Ptak)*. *Fahrenheit 140 podcast* (Episode 005). Anchor by Spotify. Retrieved from https://anchor.fm/meadows-center/episodes/Individual-Action-Can-Make-A-BIG-Difference-In-Tackling-Climate-Change-e1pmupj https://anchor.fm/meadows-center/episodes/Individual-Action-Can-Make-A-BIG-Difference-In-Tackling-Climate-Change-e1pmupj

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Ptak, T. W., American Association of Geographers Annual Meeting, "Energy Geographies, a critique of marginality," American Association of Geographers, Detroit, MI. (March 2025).

Ptak, T. W., Southwestern American Association of Geographers Annual Meeting, "Repositioning Energy Geographies in a time of crisis: Arguments from a subdiscipline on the margins of Geography," Southwestern American Association of Geographers, Texas State University. (September 2024).

Ptak, T. W., American Association of Geographers Annual Meeting, "Teaching Energy Geography," American Association of Geographers, Denver, CO. (2023).

Ptak, T. W., Energy Geography Conference, "Grid disruptions, vulnerability and hazards shaped by climate change," Energy and Environment Specialty Group of the American Association of Geographers, Virtual. (January 2023).

Ptak, T. W., American Association of Geographers Annual Meeting, "Community Engaged Scholarship in Energy Geography," American Association of Geographers. (February 2022).

Ptak, T. W., American Association of Geographers Annual Meeting, "Energy Geography: futures and directions diversity, equity and inclusion in Energy Geography," American Association of Geographers. (February 2022).

Ptak, T. W., American Association of Geographers Annual meeting, "Engaged Energy Geography Teaching," American Association of Geographers. (February 2022).

Ptak, T. W., American Association of Geographers Annual Meeting, "Energy Geography: future projections, possible directions," American Association of Geographers, Virtual. (2021).

Ptak, T. W., Environmental History World Congress, "China's State-Led Hydropower Boom, Environmental Consequences for the "Angry River" and Beyond," International Consortium of Environmental History Organizations, Florianopolis, Brazil. (2019).

Ptak, T. W., Association of Borderland Studies Annual Meeting, "Towards a Paradigm Shift in Border Studies," Association of Borderland Studies, San Diego, CA. (2019).

Ptak, T. W., American Association of Geographers Annual Meeting, "Understanding Borders through Dynamic Processes: Capturing Relational Motion from Southwest China's Radiation Center," American Association of Geographers, Washington, DC. (2019).

Ptak, T. W., Center for Advanced Energy Studies Energy Policy Institute Annual Conference, "Understanding Borders through Dynamic Processes: Capturing Relational Motion from Southwest China's Radiation Center, Yunnan Province," Center for Advanced Energy Studies, Boise, ID. (2019).

Ptak, T. W., American Association of Geographers Annual Meeting, "Energy Provision, Access and Everyday Life in China," American Association of Geographers, New Orleans, LA. (2018).

Ptak, T. W., Regional Studies Association Global Meeting, "Multiscalar and Dynamic Borderlands of Southwest China,," Regional Studies Association, Peking University, Beijing. (2018).

Ptak, T. W., Center for Advanced Energy Studies Energy Policy Institute Annual Conference, "Rethinking Community: Analyzing the Landscape of Community Solar through the Community-Place Nexus," Center for Advanced Energy Studies, Boise, ID. (2018).

Ptak, T. W., Geography 2050 Symposium, "Rethinking Community: Analyzing the Landscape of Community Solar through the Community-Place Nexus," American Geographical Society, Columbia University, NY. (2018).

Ptak, T. W., American Association of Geographers Annual Meeting, "Small Hydropower in Policy and Practice," American Association of Geographers, New Orleans, LA. (2018).

Ptak, T. W., Center for Advanced Energy Studies Energy Policy Institute Annual Conference, "Towards an Ethnography of Small Hydropower in China," Center for Advanced Energy Studies, Boise, ID. (2018).

Ptak, T. W., Association of Borderland Studies Annual Conference, "Placing Energy and Yunnan in the Multiscalar Production of Borders," Association of Borderland Studies, San Francisco, CA. (2017).

Ptak, T. W., Association of Borderland Studies Annual Conference, "Yunnan Province as a Framework, Developing a Multiscalar and Multidimensional Understanding of Borders," Association of Borderland Studies, San Antonio, TX. (2017).

Ptak, T. W., American Association of Geographers Annual Meeting, "Environmental Geographies of Western China," American Association of Geographers, San Francisco, CA. (2016).

Ptak, T. W., 8th Race, Ethnicity and Place Conference, "Implications of Small Hydropower on Social Circumstances and Everyday Life for Ethnic Minorities in China's Nu River Valley," American Association of Geographers, Kent State University. (2016).

Ptak, T. W., University of Oregon Graduate School Research Forum, "Water: Our Planet's Most Valuable Resource," University of Oregon Graduate School, University of Oregon. (2015).

Ptak, T. W., Hydrophiles Conference, "Dams and Development, Understanding Hydropower in Far Western Yunnan Province," Oregon State University, Oregon State University. (2014).

Ptak, T. W., Geopolitics in Changing Southeast Asia, Borders and Borderlands, "The Geopolitics of Southwest China's Energy Conduit, Yunnan Province," Yunnan Normal University, Kunming. (2014).

Ptak, T. W., Association of Pacific Coast Geographers Annual Meeting, "Understanding the Role of Dams in Far Western Yunnan Province, China," Association of Pacific Coast Geographers, University of Arizona. (2014).

Ptak, T. W., University of Oregon Graduate School Research Forum, "China and Energy Security: Challenges and Opportunities," University of Oregon Graduate School, University of Oregon. (2012).

Ptak, T. W., American Association of Geographers Annual Meeting, "Migration, Exile and Diaspora, a Comparative Approach," American Association of Geographers, New York City. (2012).

Ptak, T. W., University of Oregon Graduate School Research Forum, "Spatial Construction and Realities of Border Crossings," University of Oregon Graduate School, University of Oregon. (2010).

Ptak, T. W., 5th Race, Ethnicity and Place Conference, "Tibetan Migrants in Exile, Strategies for Retention of Culture and Identity," American Association of Geographers, Binghampton, NY. (2010).

Ptak, T. W., American Association of Geographers Annual Meeting, "Tibetan Migration, Cultural Identity and Place in Portland and New York City," American Association of Geographers, Washington D.C. (2010).

Ptak, T. W., Biennial International Population Geography Conference, "Is there a Tibetan Culture in Exile?," Dartmouth University. (2009).

Ptak, T. W., Association of Pacific Coast Geographers Annual Meeting, "Tibetan Cultural Identity: A case study of Sydney, Australia and Portland, Oregon," Association of Pacific Coast Geographers, San Diego, CA. (2009).

2. Invited Talks, Lectures, and Presentations:

Ptak, T. W., Powershift Workshop, "Climate Shaped Extreme Weather Events, Increasing Demand and Conflict: Using Energy Geography to Advance a Nuanced Understanding of Electric Power Outages in Europe," The Fridtjof Nansen Institute, The Fridtjof Nansen Institute, Oslo, Norway. (September 2024).

Ptak, T. W., Kyung Hee University Colloqium, "Energy Geographies: A subdiscipline to navigate an era defined by anthropogenic climate change," Kyung Hee University Department of Geography, Kyung Hee University Department of Geography, Seoul, South Korea. (July 2024).

Ptak, T. W., Energy Humanities in the Global South Symposium, "Understanding Small Hydropower in China's Southwest Frontier, Yunnan Province," Melvin C Glasscock Center for Humanities Research, Texas A&M University, College Station, TX. (April 2024).

Ptak, T. W., Solar Energy Industry Association RE+ Conference, "Supply Disruptions, Social Vulnerability, and Extreme Events Shaped by Human-Induced Climate Change," RE+, Marriot, Austin, TX, Austin, TX. (2023).

Ptak, T. W., Rethinking Territory: Global Shifts, Local Dynamics, "Energy and Territory in the 21st Century: Conflict and Climate," University of Oregon, University of Oregon. (June 2023).

Ptak, T. W., School of Geographical Sciences and Urban Planning, Research Colloquium, "Advancing a Nuanced Understanding of Dams in an era of Energy Transitions," Arizona State University, Arizona State University. (2020).

Ptak, T. W., Energy Policy Institute, Power Talks, "Hydropower in the Northwest, Decisions on Energy Resilience and Salmon," Energy Policy Institute, Boise State University. (2020).

Ptak, T. W., Research Seminar Series, "The Energy-Water-Fire Interface across the Western United States.," Farmers Conservation Alliance, Farmers Conservation Alliance. (2020).

Ptak, T. W., Charla Series, "Development versus Sustainability: China's Hydropower Boom and Yunnan Province's Grand Canyon of the East," Pontificia Universidad de Chile, Pontificia Universidad de Chile, Santiago, Chile. (2019).

Ptak, T. W., New Directions at the Border Symposium, "Energizing Borders, Belts and Roads: Tracing the Evolution of Yunnan Province— Southwest China's "Radiation Center"—Through Transregional Energy Development, Ottawa, Canada," Carleton University, Carleton University, Ottawa, Canada. (2019).

Ptak, T. W., College of Earth, Ocean and Atmospheric Sciences Research Seminar, "Energy, Hydropower and China Balancing Power, Development & Sustainability," Oregon State University, Oregon State University. (2019).

Ptak, T. W., Center for Advanced Energy Studies, Research Seminar, "Integrating Geography, Energy, Exploration & Education," Center for Advanced Energy Studies/Idaho National Laboratory, Center for Advanced Energy Studies. (2019).

Ptak, T. W., Malcolm Renfrew Interdisciplinary Colloquium, "Pipelines, Networks and Ecosystems: Energy, Research & Education Landscapes Across Idaho," University of Idaho, University of Idaho. (2019).

Ptak, T. W., Department of Geography Colloquium Series, "Small Hydropower as Security and Development in China's Energy Assemblage," Central Washington University, Central Washington University. (2018).

Ptak, T. W., Department of Geography Colloquium Series, "Northwest Yunnan Province, Where Energy, Indigenous Communities and Environmental Justice Converge," Oregon State University, Oregon State University. (2016).

Ptak, T. W., Department of Geography Colloquium Series, "Dams and Development, Understanding Hydropower in Yunnan Province's Nu River Valley," University of Idaho, University of Idaho. (2015).

Ptak, T. W., First International Salween Studies Conference, "Dams and Development, Understanding Hydropower in the Upper Nu River Valley of Yunnan Province," Nu-Thalwin, Chiang Mai University, Chiang Mai, Thailand. (2014).

Ptak, T. W., Kunming Institute of Botany Research Colloquium, "Ecological Impacts of Small Dam Development in the Nu River Valley," World Agroforestry Center, World Agroforestry Center, Kunming, China. (2014).

Ptak, T. W., Department of Geography Colloquium Series, "Tibetan Culture and Identity in Exile," Central Washington University, Central Washington University. (2011).

4. Workshops:

Ptak, T. W., Center for Advanced Energy Studies Energy Policy Institute Annual Conference, "Developing the Future Energy Workforce," Center for Advanced Energy Studies, Boise, ID. (2019).

5. Other Works not in Print:

b. Works "in progress":

Journal Articles:

Ptak, T. W. (In Preparation; Not Yet Submitted). Multi-Criteria Analysis of Climate Driven Compound Risk Across Austin, Texas. *Environmental Research Letters*.

c. Other Works Not in Print:

Juror / Adjudicator / Curator:

Ptak, T. W., American Association of Geographers Annual Meeting, "Exploring Community, Place and Justice Across the Energy Transition," American Association of Geographers, Denver, CO. (2023).

Ptak, T. W., American Association of Geographers Annual Meeting, "Third Annual Energy Geography Futures and Directions Panel: Energy Justice," American Association of Geographers, Denver, CO. (2023).

Keynote / Plenary Addresses:

Ptak, T. W., Graduate Student Research Symposium, "The role of Geography and Geographers in times of uncertainty, disruption, and change," Department of Geography and Environmental Studies, Texas State University. (2021).

Ptak, T. W., Southeast Asian Geography Association Biannual Meeting, "The Shifting Geopolitics of the Mekong," Southeast Asian Geography Association, Siem Reap, Siem Reap, Cambodia. (2014).

White Papers:

Ptak, T. W. (Co-author), Moro Martinez, C. (Co-author), Novoa Ramirez, C. M. (Co-author), Zhu, C. (Co-author), Menezes De Carvalho, M. (Co-author), "Bolstering Resilience for Low Income Communities

Exposed to Climate Driven Compound Risks across Central Texas," Quanta Services. (May 6, 2024).

Additional Comments: Authors participated in the Spring 2024 Texas State University Energy-Related Research Development Initiative sponsored by Quanta Services, wrote a 10-pages white paper, and submitted it to the Office of Sponsored Research.
The 10-page white paper was used as a concept outline submitted to the Confronting Hazards, Impacts and Risks for a Resilient Planet (CHIRRP) program at NSF.

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Speed, Jennifer (Principal), Hwang, Sangchul Scott (Co-Principal), Ptak, Thomas Walter (Co-Principal), Yeon, Jung Heum (Co-Principal), Pemberton, Sue Ann (Co-Principal). Wilson Historic District Energy and Water Conservation Study, Meadows Foundation, Private / Foundation / Corporate, $150,000.00. (Funded: December 10, 2024 - May 31, 2025). Grant.

Ptak, Thomas Walter. New Modes of Energy Security, Charles Koch Foundation, Private / Foundation / Corporate, $54,000.00. (Funded: 2020 - 2021). Grant.

Ptak, Thomas Walter. Idaho Energy Assessment, Avista Corporation, Private / Foundation / Corporate, $50,000.00. (Funded: 2020). Gift.

Ptak, Thomas Walter. Stakeholder Interest Framework for Western United States Irrigation Modernization, United States Geological Survey, Federal, $36,069.37. (Funded: 2020). Grant.

Ptak, Thomas Walter. Visiting Faculty Fellowship, Centre for Advanced Energy Studies, Batelle Energy Alliance, Private / Foundation / Corporate, $24,864.00. (Funded: 2019). Grant.

Ptak, Thomas Walter. Travel Award, Race, Ethnicity and Place Conference, Private / Foundation / Corporate, $1,000.00. (Funded: 2016). Gift.

Ptak, Thomas Walter. Travel Award, First International Salween Studies Conference, Private / Foundation / Corporate, $3,500.00. (Funded: 2014). Gift.

Ptak, Thomas Walter. Pre-dissertation research fellowship, Henry Luce Foundation/American Council of Learned Societies, Private / Foundation / Corporate, $5,000.00. (Funded: 2013). Grant.

Ptak, Thomas Walter. McColl Family Fellowship, American Geographical Society, Private / Foundation / Corporate, $3,000.00. (Funded: 2011). Grant.

Ptak, Thomas Walter. Travel Award, Race, Ethnicity, and Place Conference, Other, $1,000.00. (Funded: 2010). Gift.

Ptak, Thomas Walter. Larry Ford Cultural Geography Fieldwork Scholarship, Association of Pacific Coast Geographers, Institutional (Higher Ed), $1,000.00. (Funded: 2009). Grant.

2. Submitted, but not Funded, External Grants and Contracts:

Ptak, Thomas Walter. Bolstering Resilience for Vulnerable Communities Exposed to Oil and Gas Well Leaks and Climate Shaped Extreme Weather across Caldwell County, Texas, Bezos Earth Fund, Private / Foundation / Corporate, $98,929.00. (Funded: 2024). Grant.

Ptak, Thomas Walter. Central Texas Climate Resilience Center, Department of Energy, Federal, $500,000.00. (Funded: 2024). Grant.

Ptak, Thomas Walter. Confronting Hazards, Impacts and Risks for a Resilient Planet, National Science Foundation, Federal, $500,000.00. (Submitted: 2024, Funded: 2024). Grant.

Ptak, Thomas Walter. Multi-Criteria Analysis of Climate-Related Hazards and Compounding Risks for Vulnerable Populations across Central Texas., National Center for Atmospheric Research/National Science Foundation, Federal, $215,916.00. (Submitted: 2024, Funded: 2024). Grant.
Ptak_Innovator_Proposal_2025-1.pdf

Ptak, Thomas Walter. Engaged Ecology, Andrew Mellon Foundation, Private / Foundation / Corporate, $427,602.00. (Submitted: 2023, Funded: 2024). Grant.

Ptak, Thomas Walter. Urban Heat Island and Grid Vulnerability in Southwest Texas, Alfred P Sloan Foundation, Private / Foundation / Corporate, $54,000.00. (Submitted: August 2023). Grant.

Ptak, Thomas Walter, Percent Contribution: 100%. Irrigation modernization and community-serving energy systems as risk mitigation and adaptation strategies for climatically vulnerable populations facing energy-system disruptions., National Center for Atmospheric Research, Federal,

$360,000.00. (Submitted: 2022, Funded: December 2022). Sponsored Research.
Ptak_Innovator_Proposal_2023-1.pdf

Ptak, Thomas Walter. Energy Insecurity, Distributional Justice, and Just Transitions in the United States, Alfred P Sloan Foundation, Private / Foundation / Corporate, $500,000.00. (Submitted: 2021, Funded: 2021). Grant.

Ptak, Thomas Walter. Wildfire-Grid Interactions and Outcomes, National Science Foundation, Federal, $400,000.00. (Submitted: 2020, Funded: 2020). Grant.

Ptak, Thomas Walter. Zero Solid Waste for a Sustainable Society, National Science Foundation, Federal, $1,599,512.00. (Submitted: 2020, Funded: 2020). Grant.

Ptak, Thomas Walter. Postdoctoral Fellowship, American Council of Learned Societies/Henry Luce Foundation, Private / Foundation / Corporate, $50,000.00. (Submitted: 2018, Funded: 2018). Grant.

Ptak, Thomas Walter. Transregional Research Fellowship, Social Science Research Council, Private / Foundation / Corporate, $45,000.00. (Submitted: 2018, Funded: 2018). Grant.

Ptak, Thomas Walter. Dissertation Completion Fellowship, Andrew Mellon Foundation/American Council of Learned Societies, Private / Foundation / Corporate, $38,000.00. (Submitted: 2014, Funded: 2014). Grant.

Ptak, Thomas Walter. Young Leaders Fellowship Fund, Sylff Association, Private / Foundation / Corporate, $15,000.00. (Submitted: 2013, Funded: 2013). Grant.

3. Funded Internal Grants and Contracts:

Ptak, Thomas Walter. Heat, Fire, Energy and Vulnerability: Compounding Risks in the Austin, Texas Metropolitan Area., Texas State University, $4,000.00. (Funded: May 2024 - Present). Sponsored Research.

Ptak, Thomas Walter. Multi-Criteria Analysis of Climate-Related Hazards and Compounding Risks for Vulnerable Populations across Central Texas, Division of Research, Texas State University, $6,560.00. (Submitted: 2024, Funded: 2025). Grant.

Ptak, Thomas Walter. Bolstering Resilience for Low Income Communities Exposed to Climate Driven Compound Risks across Austin, Texas, Texas State University, Division of Research, Other, $2,500.00. (Funded: 2024). Sponsored Research.

Ptak, Thomas Walter. Interdisciplinary Grant, University of Idaho College of Letters Arts and Social Sciences, Institutional (Higher Ed), $9,879.00. (Funded: 2019). Grant.

Ptak, Thomas Walter. Dissertation completion grant, Department of Geography, University of Oregon, Institutional (Higher Ed), $900.00. (Funded: 2016). Gift.

Ptak, Thomas Walter. Professional Graduate Student Grant, University of Oregon Center for Asian and Pacific Studies, Institutional (Higher Ed), $3,000.00. (Funded: 2016). Grant.

Ptak, Thomas Walter. Gary E. Smith Professional Development Award, University of Oregon Graduate School, Institutional (Higher Ed), $3,000.00. (Funded: 2015). Gift.

Ptak, Thomas Walter. Public Impact Fellowship, University of Oregon Graduate School, Institutional (Higher Ed), $6,000.00. (Funded: 2014). Grant.

Ptak, Thomas Walter. Research Grant, Department of Geography, University of Oregon, Institutional (Higher Ed), $1,000.00. (Funded: 2013). Grant.

Ptak, Thomas Walter. Research Grant, University of Oregon, Institutional (Higher Ed), $2,700.00. (Funded: 2010). Grant.

Ptak, Thomas Walter. Center on Diversity and Community Research Grant, Center on Diversity and Community, Institutional (Higher Ed), $1,000.00. (Funded: 2009). Grant.

Ptak, Thomas Walter. Department of Geography, Summer Research Grant, University of Oregon, Institutional (Higher Ed), $800.00. (Funded: 2009). Grant.

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: Recognition Award, Asian Geography Specialty Group. 2016

Award / Honor Recipient: Best Panel Award, University of Oregon Graduate School Research Forum.
2015

Award / Honor Recipient: President's Award for best PhD Student Paper, Association of Pacific Coast Geographers.
2014

Award / Honor Recipient: Graduate Student Paper Award, American Geographical Society.
2012

E. Scholarly / Creative Professional Development Activities Attended:

Workshop, "Early Career Workshop," American Association of Geographers. (June 2015).

F. Media Recognition:

Internet, The Conversation. (November 2021).

Additional Comments: https://theconversation.com/the-average-persons-daily-choices-can-still-make-a-big-difference-in-fighting-climate-change-and-getting-governments-and-utilities-to-tackle-it-too-170442

Internet, Idaho Press. (March 2019).

Additional Comments: https://www.idahopress.com/news/local/academics-look-to-fill-gap-of-data-on-economic-impact/article_a8966746-bdd6-5faf-8b9e-427953f82535.html?fbclid=IwAR1fsYazSPX7PwwO0MPct_JqAj7R15Jo82j8W5RYKwGDCgDuVUaQz7zns_k

Radio, KUNR Public Radio-Regional NPR affiliate. (November 2020).

Additional Comments: https://www.kunr.org/energy-and-environment/2020-11-12/states-utiliti

es-step-up-as-u-s-leaves-paris-climate-accord?%20f%20bclid=IwAR3bpGuALmKs_UOy_SZ3BsHJUHO-KTpsFVfll8MSLmoMElYrfcbOpwcFXfc#stream/0

Radio, KRFP. (December 2019).

Additional Comments: https://krfp.org/2019/12/20191227-2/

IV. SERVICE

A. Institutional

1. University:

University Mentor, Renewable Energy Association. (November 2025 - Present).

Additional Comments: Faculty Advisor for the Renewable Energy Association at Texas State University https://txst.campuslabs.com/engage/organization/rea

Undergraduate Advisor, Bobcat Stream Team. (August 2021 - August 2022).

3. Department/School:

Chair, Alumni Committee. (August 2025 - May 2026).

Member, Associate/Full Professor of Geographic Education Search Committee. (August 2025 - May 2026).

Member, Graduate Committee. (August 2025 - May 2026).

Chair, Alumni Committee. (September 2024 - May 2025).

Member, Promotion Committee. (September 2024 - May 2025).

Member, Promotion Committee. (August 2023 - May 2024).

Member, Undergraduate Committee. (August 2023 - May 2024).

Member, Recruitment Committee. (August 2022 - June 2023).

Member, Undergraduate Committee. (August 2022 - June 2023).

Member, Endowed Chair in Water Conservation Search Committee. (February 2022 - December 2022).

Member, Graduate Committee. (August 2021 - August 2022).

B. Professional:

Member, Climate Action Task Force: American Association of Geographers. (August 2023 - Present).

Member, Center for Advanced Energy Studies, Energy Policy Institute. (October 2018 - Present).

Chair, American Association of Geographers, Energy and Environment Specialty Group. (February 2022 - July 2024).

Co-Chair, American Association of Geographers, Energy and Environment Specialty Group. (March 2020 - February 2022).

Treasurer, American Association of Geographers, Energy and Environment Specialty Group. (March 2019 - March 2020).

C. Community:

Member, General Education Steering Committee, University of Idaho. (2019 - 2020).

Member, R1 Research Plan Committee, University of Idaho. (2019 - 2020).

Member, College of Science Faculty and Staff Council, University of Idaho. (2018 - 2020).

Member, PhD student representative, University of Oregon Graduate Council. (2015 - 2017).

Organizer, Adventure Leadership Institute, Holden Center for Leadership, Eugene, OR. (2011).

Additional Comments: Adventure Leadership Institute, Program creator and lead facilitator

Organizer, Geographic Knowledge and Values Survey, Oregon Coordinator. (2011).

D. Organization Memberships:

Regional Studies Association (RSA). (June 2018 - Present).

Association of Borderland Studies (ABS). (April 2013 - Present).

American Geographical Society (AGS). (August 2012 - Present).

Association of Pacific Coast Geographers (APCG). (October 2010 - Present).

American Association of Geographers (AAG). (February 2009 - Present).

Gamma Theta Upsilon, International Geographic Honor Society (GTU). (October 2008 - Present).

E. Service Honors and Awards:

Award / Honor Recipient: International Student Award for Understanding Diversity, Office of International Affairs.
2009