

Geographer with 20 years of experience managing programs, staff and students in geospatial activities, environmental and community design in higher education, governmental, and nonprofit sectors.

Core Competencies

- Relationship Cultivation
- GIS & Data Visualization
- Training & Public Speaking
- Community Building
- Systems & Product Development
- Technical Interpretation & Communication

Professional Background

Lee Pera, LLC - Nationwide

September 2019-Present

INDEPENDENT CONSULTANT

- Trained over 200 builders and developers in addition to officials in 12 cities on zoning regulations for tiny homes and accessory dwelling units to increase affordable housing options
- Serve as advisor for industry coalitions working on building standards for tiny homes (ICC & ASTM)
- Secured corporate funding from Home and Décor to teach home renovation workshops for women in 11 states
- Designed and delivered workshops and consultations to over 5000 people on tiny home strategies
- Paid speaker at dozens of tiny home, real estate and homebuilding conferences on the history of mobile, modular, and small homes and options for the future of housing

Environmental Protection Agency – Washington, DC

November 2014 – September 2019

GEOSPATIAL PROGRAM MANAGER

- Managed geo-viz lab to demonstrate GIS and data visualization capabilities and train staff on GIS tools
- Developed curriculum and facilitated annual GIS workshop to train 100+ participants in geospatial technology
- Synchronized and improved tribal boundary data by cultivating relationships across federal and tribal governments
- Advised and provided technical support to program offices to incorporate geospatial and data visualization products into their business processes to better communicate EPA's impact to policy-makers and the public
- Led renegotiation of EPA's contract with Esri (geospatial mapping company)

Environmental Protection Agency – Washington, DC

July 2014 – October 2014

DEPUTY GEOSPATIAL INFORMATION OFFICER

- Analyzed GeoPlatform needs assessment to improve EPA analysts' access to high priority data-sets on tribal boundaries, superfund boundaries and access to drinking water sources to improve program implementation
- Assisted 4 federal agencies on ArcGIS online implementation by sharing EPA's best practices for outreach, training, needs assessments, as well as data management and visualization

Environmental Protection Agency – Washington, DC

May 2011– June 2014

PROGRAM ANALYST

- Launched EPA's GeoPlatform by developing training modules and blog posts; organizing webinars; and providing technical assistance to 1,000+ employees, increasing usage by 900 percent
- Led year-long user needs assessment, developed strategy for GeoPlatform rollout, prioritized platform customer service priorities and datasets, as well as removing 200+ user bottlenecks
- Oversaw contract with the Institute of Tribal Environmental Professionals to develop training for tribes to learn about potential environmental contaminants
- Created the GeoPlatform Administrator's group to coordinate GeoPlatform activities across the EPA and build a community of users and supporters across the agency

Mercy Corps - Bogota, Colombia*January 2011– April 2011*

GIS CONSULTANT

- Led GIS staff in Choco and Darien provinces to collect and share community-generated GIS data on land boundaries and natural resources to improve cadastral processes, improving community relations
- Cultivated relationships with 3 Mercy Corp country offices and United Nations Office for the Coordination of Humanitarian Affairs (OCHA) to harmonize data collection and mapping efforts

Environmental Protection Agency – Washington, DC*January 2010 - December 2010*

PRESIDENTIAL MANAGEMENT FELLOW

- Managed EPA Earth, a geospatial platform, cultivating relationships with all program offices by educating key decision-makers on advancing EPA's mission through data-sharing and visualization
- Partnered with Mexico's environmental agency (SEMARNAT) to compile environmental data and develop maps and case studies assessing environmental health along the U.S / Mexico border

Department of Veteran's Affairs – Washington, DC*September 2008 - December 2009*

PRESIDENTIAL MANAGEMENT FELLOW

- Launched a geospatial support service in the National Center for Veterans Analysis and Statistics supporting the Office of the Secretary and the Office of Policy to improve veteran health care services
- Advised senior researchers and policy makers on geospatial analyses to optimize VA service delivery and resource allocation, improving access to healthcare in rural areas for veterans with PTSD and traumatic brain injuries
- Expanded departmental resources and impact by recruiting, onboarding, coaching and training 8 employees on Geographic Information Systems (GIS)

Infographics Lab - Eugene, OR*July 2006 - August 2008*

CARTOGRAPHER

- Developed the data management and cartographic processes for the first geospatial visualization of archaeological findings in the Mongolian Altai
- Collected and synthesized data to build a database of 20 years' worth of archaeological data
- Designed atlas maps and page layout using Adobe Illustrator and InDesign for the print Atlas

OTHER PROFESSIONAL EXPERIENCE

DAO Advisor: CryptoFemme *2022-2023***Member in Women in Blockchain organizations:** Women in Web3, Decentralized Earth, HERDAO *2022-2023***Trip Leader:** Global Citizens Network (Brazil, Guatemala, Mexico, Stoney Nation & Costa Rica) *2004-2012***Project Associate:** Indigenous Tourism Rights International (Minneapolis, Seattle, Mexico & Costa Rica) *2000-2004*

EDUCATION

Master of Arts, Geography, University of Oregon, *2008***Master of Public Administration,** University of Oregon, *2008***Rotary Ambassadorial Scholar, Geography,** University of Costa Rica, *2004***Bachelor of Arts, Spanish and Portuguese,** University of Minnesota, *2000*