

Tammi Renninger

GIS Professional
& Educator

CONTACT

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PO Box 790
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EDUCATION

M.S. Geographic Information
Science
University of Denver, CO

B.S. Geology
West Chester University, PA

LICENSES

GIS Professional (GISP)

Professional Geologist (PG),
licensed in Wyoming

MEMBERSHIPS

GIS Colorado (GISCO)

North American Cartographic
Information Society (NACIS)

Colorado Ground Water
Association (CGWA)

National Council for Geographic
Education (NCGE)

ABOUT

Tammi is a personable, interdisciplinary GIS Professional who has been providing services as an independent contractor for the past 9 years to small businesses within the **water resources, hydrogeologic, ecologic, and/or environmental industry as well as non-profit organizations**. Her focus is on spatial data analysis, management, display, and education. GIS brings together two of her passions: spatial data analysis *and* creative data display for decision making and education. Before becoming ElephantFish, Tammi worked as a GIS Analyst/Water Resources Specialist at a small water resources/water rights consulting firm and (many moons ago) as an environmental consultant on various Department of Energy (DOE) clean-up sites.

TYPE OF WORK SUMMARY

Commercial Clients

Tammi, under the name ElephantFish llc, provides GIS and geologic & geospatial data analysis support for clients deeply involved in the water resources and water rights industry. Just a few example tasks completed for clients include: processing airborne electromagnetic data into GIS raster surfaces; digitizing, then interpolating, lithologic logs to understand the subsurface; processing irrigated land data to assist with water allocation; and public geospatial data compilation to gain a better understanding of a project's natural resources.

Non-Profit Clients

Tammi happily provides support to several non-profit organizations for their data processing and display needs. Most of the work completed for non-profits includes synthesizing data into hard-copy and interactive on-line maps with the intention of sharing data across partnerships and/or with the public.

Education

Tammi is an adjunct professor at Front Range Community College (FRCC). She developed and is currently teaching (during the fall semester) GIS & Geomorphology to undergraduate students seeking a Bachelor's degree in GIS. In addition to teaching at FRCC, Tammi enjoys providing GIS "how-to" sessions to many of her clients.

SUMMARY OF CURRENT/PAST WORK

GIS PROFESSIONAL, SMALL BUSINESS OWNER

ElephantFish, llc, : Pine, Colorado : July 2016 - Present

Provide GIS services, including data display and spatial data analysis, for water resources, geological, and ecological small businesses and non-profits throughout Colorado and Wyoming.

GIS ANALYST, WATER RESOURCES SPECIALIST

Quantum Water & Environmental : Lakewood, Colorado : November 2011 - July 2016

Provided GIS data analysis support for water resources projects such as water court cases, substitute water supply plans, non-tributary determinations, and well location siting.

ENVIRONMENTAL SCIENTIST

Tetra Tech EC Inc. : Rocky Mountain Arsenal, Colorado : September 2002 - May 2006

ENVIRONMENTAL SCIENTIST

SAIC : Exton, Pennsylvania & Nevada Test Site : September 2000 - March 2002

WORKSHOP PRESENTATIONS

After the Flames Workshop and Conference, "Hazardous Fuels and Non-Fuels Mitigation Prioritization Using GIS", Denver, Colorado, April, 2019.

Purgatoire Watershed Water Data Workshop, Hosted by the Purgatoire Watershed Partnership, Trinidad State Junior College, Trinidad, Colorado, February 2019.

Sustaining Colorado Watersheds Conference, "Promoting Data Literacy through Data Visualization" pre-conference workshop, Avon, Colorado, October 2018.

CONFERENCE PRESENTATIONS

"Data-A Path to Enhance Management and Cooperation" Presentation at AWRA-CGWA Annual Symposium, Golden, Colorado. 2024.

"Watershed Component Overlay for Post Wildfire Mitigation" Poster presentation at GIS in the Rockies, Denver, Colorado. 2017.

"Growth. Growth? (A Look at Changes in Land Use)" Poster presentation at GIS in the Rockies, Denver, Colorado. 2015.

"Investigating the Upper Pierre Aquifer through Regional and Site-Specific Data and Data Integration into a GIS" Presentation at the National Ground Water Association Groundwater Summit, Denver, Colorado. 2015.

"The Benefits of Transforming Groundwater and Aquifer Data into Maps and Visualizations Using a GIS Approach: A Look at the Front Range, Colorado" Abstract and Presentation at the Geological Society of America 125th Meeting, Denver, Colorado. 2013.

PUBLICATION

Jehn-Dellaport, Theresa and Renninger, Tammi, "The Pawnee Aquifer, Denver Julesburg Basin, Northeastern Colorado", Rocky Mountain Association of Geologists, January 2017.