TANDIE E. GAUTREAU

Tandie E. Gautreau | Professional   tegautreau@gmail.com
Denver, Colorado, USA

PROFILE

M.S. – Geography and Environmental Sciences
B.S. – Environmental Science
A.S. – Biological Sciences
Certification – Graduate GIS Certificate
Specializations – Geospatial Analysis, Water Systems, EDH
10+ yrs – customer service, administrative experience, sales

HARD SKILLS

ArcGIS Pro	Jira	Technical Scientific Writing
ArcMap	USGS 3DEP	Technical Scientific Editing
ArcGIS Online	USGS 3DHP	PostgreSQL
Arc Hydro	NHD	SQL
GPS	WBD	QA/QC
Earth Explorer	Google Earth	EDH READ Rules
EDH Data Acquisition Specs		Maxar DigitalGlobe

SOFT SKILLS

Leadership	Business management
Fast learner	Partnership building
Detail oriented	Teamwork
Quick Adaptability	Professional development
Organized	Customer service
Self-starter	Interpersonal communication
Diverse public communication	

EDUCATION

University of Colorado Denver   8/2020 – 5/2023
M.S. – Environmental Science   GPA 3.96
GIS Certification, Geospatial Analysis

University of New Orleans   8/2016 – 12/2018
B.S. – Environmental Science   GPA 3.56
Coastal Geomorphology, Estuarine Ecology

Delgado Community College   8/2012 – 5/2016
A.S. – Biological Sciences   GPA 3.83

EXPERIENCE

Senior Hydrographer
Aerial Services, Inc.
Cedar Falls, IA   2/2025 – present
- Build GIS workflows for hydrology projects, adhering to USGS 3DHP specifications.
- Manage and QA/QC spatial data for LiDAR, imagery, and GIS automation.
- Support project planning and tool development.

Geographer
National Geospatial Technical Operations Center, USGS
Lakewood, CO   2/2024 – 2/2025
- Production and quality assurance of The National Map's surface water data under the 3D Hydrography Program.
- Technical scientific writing and editing.

GIS Technician – Federal Contractor
Geosciences & Environmental Change Science Center, USGS
Lakewood, CO   2/2022 – 2/2024
- Provide technical geospatial assistance to map/create a spatial dataset of solar facilities in the US.
- Collect imagery, interpret high-resolution satellite/aerial imagery, geographic analyses, digitizing, develop geodatabases/protocols for data entry and QC, technical scientific writing.

Graduate Teaching Asst – Environmental Modeling w/GIS
Department of Geography and Environmental Sciences, University of Colorado Denver
Denver, CO   8/2022 – 12/2022
- Present theory/applications for raster spatial analysis and environmental modeling in GIS environment.
- Study processes/spatial relationships supporting decision making in natural and built environments.

Teaching Assistant/Laboratory Instructor
Intro to Physical Geography/Environmental Science
Department of Geography and Environmental Sciences, University of Colorado Denver
Denver, CO   1/2021 – 5/2023
- Present basic understanding of ecological links, environmental systems, scientific approach, as well as processes, forms, and spatial/geographic structures of natural Earth systems.
- Create lessons plans and video tutorials.

General Manager – Service Industry
Black Penny
New Orleans, LA   8/2014 – 7/2019
- Built, opened, operated successful bar in French Quarter.
- Banking/finances, purchasing/inventory, staffing, event planning, tending bar.