

# Sally Cariveau

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## Education

- University of Colorado, Boulder, CO. Bachelor of Arts-Geography
- Emergency Medical Technician, Colorado Mountain College, Steamboat, CO
- Colorado Mountain College, Steamboat Springs. GIS Occupational Certification

## Professional Development

- Rosgen Level 1-Applied Fluvial Geomorphology- Pagosa Springs, CO
- Rosgen Level 2-River Morphology and Applications- Boseman, MT
- American Avalanche Institute, Level I-III Avalanche Certification, Silverton, Colorado
- USFS Contracting Officer Representative (COR) Level 1 certification
- GIS Portfolio Link: <https://sallycariveau.GitHub.io>

## Relevant Professional Experience

**Public Education Participation and Outreach Liaison** May 2024-Current | Yampa White Green Basin Roundtable | Steamboat Springs, CO

- I maintain and create content for the water policy website, create radio, video and print ads, plan outreach events and update social media for the Roundtable.

**Water Outreach Coordinator** May 2023-Current | Community Agricultural Alliance | Steamboat Springs, CO

- I engage with landowners along the Yampa and Elk rivers to identify opportunities for multi-beneficial projects related to the Yampa stream management plan. I develop scopes of work and research possible funding sources as well as document and track interviews, feedback and project proposals and potential funding applications.

**Design Stylist/Café Manager** October 2022-April 2024 | Rumor Design | Steamboat Springs, CO

**Hydrologic Technician GS-1316-5-7** June 2019–Nov. 2021 | US Forest Service | Steamboat Springs, CO

- Conducted Rangeland Riparian and Stream Health Monitoring and Analysis-using Multiple Indicator Monitoring (MIM) and stream health surveys to determine stream and riparian health condition and trend to inform adaptive management actions. Provided recommendations on project design and design elements for NEPA.
- Supervised assistant, graduate, and intern students.
- Collected, analyzed and interpreted environmental data for Timber, Fuels, Wilderness water quality,

Steamboat Ski Area base flow measurement and stream health management reports. I maintained all databases used by our department including GIS.

- Collected and processed National Atmospheric Deposition Program (NADP) wet deposition, Mercury and air samples on Buffalo Pass, Steamboat Springs.
- For the USFS Lands and Realty department, I conducted ditch inspections, researched water rights and wrote official permittee correspondence.
- Planned and supervised rehabilitation of 30 miles of bulldozer and handline for Routt National Forests' portion of East Troublesome Fire in 2021.
- Used ESRI's Arcmap 10.7.1 to create maps, tables and reports for use District-wide. Lead the Forest's transition to ArcGIS Online (AGOL) transitioning 78 feature layers and creating accompanying protocol and methodology.
- Contracting Officer Representative (COR) for Routt NF's Air quality monitoring program.
- Created two stream rehabilitation plans on Routt NF: Muddy Creek ditch re-design and Beaver Creek Beaver Dam Analog and Riparian Stabilization Plan.
- Assisted in the implementation of several stream restoration projects including Elkhead Creek, Armstrong Creek and First Creek in California Park.

#### **Safe Routes to School Director** May 2014 – June 2019 | Bike Town USA | Steamboat Springs, CO

- Coordinated City of Steamboat, Steamboat school district, law enforcement and over 80 local volunteers each Spring for Colorado Department of Transportation's Safe Routes to School Bicycle Rodeo at both of Steamboat's public elementary schools teaching bicycle safety and skills to over 800 students each year.
- Coordinated Hike and Bike to School Program each Spring and Fall advocating for exercise and alternative transportation.
- Co-authored two successful CDOT grants, awarded \$24,000 for Safe Routes to School.
- Created and implemented Hike and Bike to School incentive program in Steamboat elementary and middle schools.
- Responsible for community outreach, partnership development, grant tracking, implementation of budget and grant reporting. Spokesperson for Safe Routes to School.

#### **Hydrologist** May 2012 – June 2013 | Norwest Applied Hydrology Corporation | Denver, CO

- Working remotely, I used ESRI's Arcmap 10.1's Spatial Analyst to determine stream drainage density, slopes, sinuosity, peak discharge, forest cover and flood and precipitation frequency. I also digitized water rights.

#### **Hydrologic Technician GS-1316-4/5/6** June 1998-June 2004 | US Forest Service | Steamboat Springs, CO

- I researched, developed and implemented the first E.coli water sampling protocol in Rocky Mountain Region 2 that would meet state water quality guidelines for streams on the Federal 303 (d) monitoring list.
- Worked independently and jointly with Fisheries and Range conducting stream, riparian and soil health assessments for both impacted and reference stream reaches.

#### **Ski Guide/ Snow Safety Coordinator** Dec. 1999-March 2023 | Steamboat Powdercats | Steamboat Springs, CO

- In charge of snow assessment, risk assessment, and route and terrain choices for backcountry ski company

#### **Ski Patrol** Nov. 1993-April 1999 | Steamboat Ski Corp. | Steamboat Springs, CO