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Thursday, January 11

QGIS Workshop

Virtual Training

The session will be recorded, but a live stream will be made available if requested.

Dr. Diane Fritz, Geospatial Data Scientist at *Auraria Library & Geography and Environmental Sciences Department at University of Colorado Denver*.

Overview: The FOSS4G (free and open source software for geospatial) desktop GIS software QGIS is a highly capable platform supported by a strong global community of developers, geospatial analysts, and mapping enthusiasts. This workshop will introduce you to the community as well as the software. The workshop will be designed for folks new to QGIS but have some background in geospatial technologies. Even if you've already used QGIS, you may discover some new tools and methods!

During the day we will go over these general topics about the QGIS software:

- Introduction to structure and basic functionalities
- Visualization fundamentals and cartography
- Dipping into advanced methods and new features
- Tool and Platform Integrations

Prerequisites: Some background in geospatial technologies and a laptop with QGIS installed.

Attendees need to <https://qgis.org/en/site/> ahead of time and pull the latest LTR for their particular machine.

9:00 am to 12:00 pm **Session 1**

12:00 pm to 1:00 pm **Lunch**

1:00 pm to 3:30 pm **Session 2**

Mappy Hour!

4:30 pm to 6:30 pm **At Two Penguins Sponsored by Bell&Koola GIS Ops**

<https://bellandkoola.com>) 13065 East Briarwood Avenue Centennial, Colorado 80112



Questions?

questions@giscolorado.org

Friday, January 12

GIS Colorado Quarterly Meetup

Virtual Meetup

The sessions will be recorded, but no live stream will be available.

8:30 am to 9:30 am **Coffee and Networking** sponsored by [SAM](#)

9:30 am to 9:40 am **Welcome and Announcements** (10 min)

9:45 am to 10:15 am **Strategic Planning for Babies and Bosses - Prepare | Plan | Implement | Celebrate**

Jackie Montes, GIS Manager, State of Colorado OIT (30 min)

10:25 am to 11:10 am **High Angle GIS at Harper’s Ferry, West Virginia: Addressing Key Challenges in Technology and Education**

Michael Hinke and Dr. Travis Flohr, Bright Cloud Computing (45 min)

11:20 am to 12:05 pm **ArcGIS Solutions for Stormwater**

Brandi Rank, Senior Product Engineer, Esri (45 min)

12:15 pm to 1:15 pm **Lunch**

1:15 pm to 1:45 pm **GIS Colorado Membership Feedback**

Lucas Thelen, Chair, GIS Colorado (30 min)

1:45 pm to 2:00 pm **Wrap up and Closing**

2:00 pm to 3:00 pm **GIS Colorado Town Hall Meeting**

Open to the public and membership



Program Abstracts and Descriptions

ArcGIS Solutions for Stormwater

Brandi Rank, Senior Product Engineer, Esri

ArcGIS Solutions has a full complement of stormwater solutions designed to streamline your stormwater management processes. Some focus on supporting the unique needs of the Phase II MS4 permit requirements, but even if you are not under the MS4 requirements you probably have similar needs. If you are an Esri customer, you can instantly deploy these solutions to your organization or platform. If you manage, inspect, or maintain stormwater assets, ArcGIS Solutions has been working hard to make your life easier. Jump start your digital workflows today.

GIS Colorado Membership Feedback

Lucas Thelen, Chair, GIS Colorado

We asked and you answered! Join Lucas Thelen, GISCO Board Chair, to review the responses shared to the end of year survey results and hear board direction for the coming year.

High Angle GIS at Harper's Ferry, West Virginia: Addressing Key Challenges in Technology and Education

Michael Hinke and Dr. Travis Flohr, Bright Cloud Computing

In this two-part presentation, we first explore a study at Harper's Ferry, where we assessed the environmental impacts of human activities using GIS, GPS, and our technical rock climbing skills to access and analyze remote areas. This segment, led by Dr. Travis Flohr of Penn State University, showcases the innovative integration of geospatial analysis and field expertise.

The second part of our presentation focuses on the overarching challenges in the GIS field. Despite technological advancements, we address three core issues: the ongoing quest to match evolving technologies with specific project needs, the enduring disconnect between GIS professionals and IT departments, and the lag in educational curricula in keeping pace with technological advancements. These topics are crucial for understanding the current state and future direction of GIS. We aim to ignite a conversation among GIS professionals about these challenges, drawing on our experiences and insights from the Harper's Ferry project. We aim to foster a deeper understanding of the interplay between technological progress, interdisciplinary communication, and education in the ever-evolving landscape of GIS.



Questions?

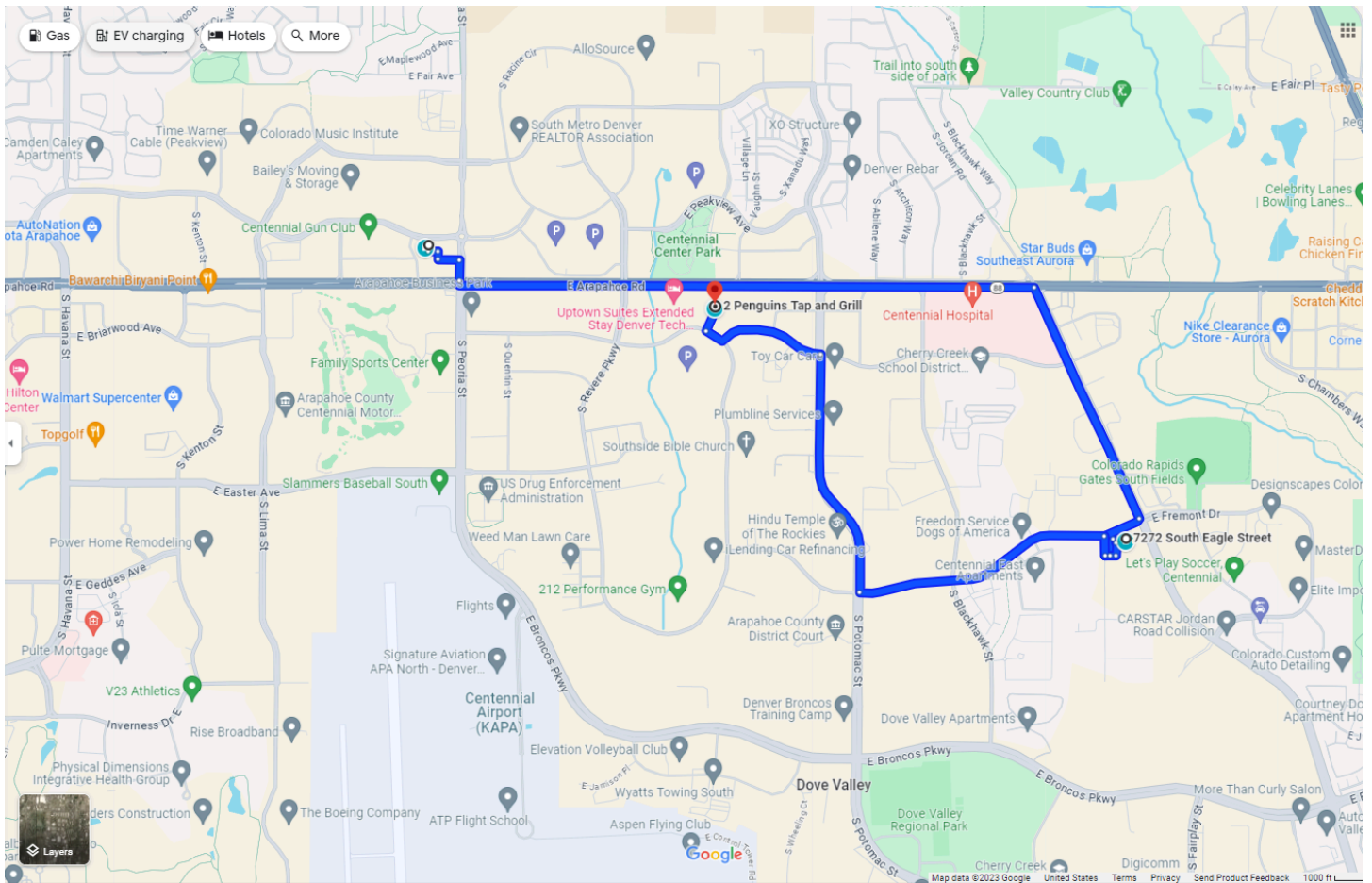
questions@giscolorado.org

Strategic Planning for Babies and Bosses - Prepare | Plan | Implement | Celebrate

Jackie Montes, GIS Manager, State of Colorado OIT

Becoming a new parent is an exciting, scary, and exhausting time in one's life, and so is managing a team and implementing a new strategy. Join me in exploring my recent use case in uncovering the parallels between caregiving and public sector management. This lighthearted talk will remind you of joyous occasions, pain points, and nuances that public sector management and parenting/caregiving can bring.





Logistics

Meeting Location

City of Centennial Public Works Building, 7272 S Eagle St, Centennial, CO 80112
Free parking lot on site

Lodging

Home2 Suites Denver South | Centennial Airport, 6640 S Paris St, Centennial, CO 80112
"GIS Colorado" GROUP CODE: 901
Booking Link: [HTTPS://GROUP.HOME2SUITES.COM/DSW7LY](https://group.home2suites.com/dsw7ly)
\$99 a night 1/11 to 1/12

Thursday Mappy Hour 4:30 pm to 6:30 pm

Two Penguins Tap and Grill, 13065 East Briarwood Avenue Centennial, Colorado 80112



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