

Education

Masters in Governing the
Large Metropolis,
Sciences Po Urban School

B.A. Geography,
Macalester College

Years at ECONorthwest: 1

Years in Industry: 1

Areas of Expertise

Transportation policy
Geographic Information
Systems

Delia Walker-Jones, Technical Manager

Delia joined ECONorthwest as a Technical Manager in 2022. She specializes in transportation policy and geographic information systems. Prior experience includes community mapping workshops in Tajikistan, policy research into wildfire land use planning in the Sierras, and transportation routing optimization with the United Nations Global Service Center. She is experienced in ArcGIS, QGIS, and other geospatial tools, with a particular emphasis on open-source software. She is an active contributor to OpenStreetMap.

REPRESENTATIVE PROJECTS

Delia has served as technical manager on the following projects, unless otherwise noted:

Pre-ECONorthwest Experience:

- **UN Mappers GIS Intern – Valencia, Spain (2022).** Prepared geospatial base data using OpenStreetMap and JOSM to support UN peacekeeping missions. Developed local customized OSRM instance for future internal migration to open-source routing services Project description.
- **MapGive Social Media Intern for US Department of State – Remote (2020–2021).** Gained exposure to MapGive initiatives Covid Mitigation Mapping (C2M2), MapGive in a Box, and others. Wrote regular tweets in accordance with US State Department guidelines.
- **English Teaching Assistant, US Fullbright Student Program – Dushanbe, Tajikistan (2018–2020).** Coordinated embassy-related programming at American Space Dushanbe, including International Education Week and 16 Days of Activism Against Gender-based Violence. Developed and conducted activities in TOEFL preparation, GIS mapping software, technology for girls, and media literacy. Conducted English language activities for Tajik students, ages 10-30, at American Space Dushanbe community center.
- **GIS Specialist at Felsburg, Holt, & Ullevig – Denver CO (2018).** Updated database of Colorado Department of Transportation fiber optic cable network using ArcFM. Collected fiber splice data in the field, conducting locates and using Trimble GeoTX device.

- **Data Intern, Colorado Department of Transportation – Denver, CO (2017–2018).** Developed analyses and implemented pre-existing methodologies for quantifying crash rates, VMT, congestion measures, and truck parking. Developed editing platform for transportation projects using ArcGIS Online, created interactive website for National Highway Freight Program. Fulfilled day-to-day mapping and statistics requests, creating and updating maps with short turnaround, producing summary tables and statistics for datasets upon request.
- **GIS Intern, City of Saint Paul – Saint Paul, MN (2016–2016).** Created new mapping projects like Reside Saint Paul app and Residential Parking Permits tool using ArcGIS Online. Completed service requests for external department mapping needs, cleaning data and creating new maps with ArcMap Desktop.