

# Matthew Gove

GIS Specialist | Content Writer

Data-driven GIS professional with 15 years' experience in GIS and content writing. Highly skilled in data science, photography, video, and content creation. Since 2013, I have saved my clients over \$1 million and have never missed a delivery deadline. Fluent in English and French, with a basic knowledge of Spanish.

## Professional Skills and Experience

2009 – Present **Geographic Information Systems (GIS) and Data Science**

- Wrote thousands of Python scripts that facilitated connections between databases, mathematical models, and GIS that improved process efficiencies by up to 8,000%
- Routinely work with and QA/QC databases containing over 500,000 records and several million datapoints of complex data in 3D models with effective visualizations
- I specialize in QGIS, ESRI ArcGIS Online, TerriaJS, Mapbox, and Google Maps

2008 – Present **Writing and Blogging**

- Published over 250 blog posts on GIS, travel, photography, problem solving, etc.
- Search engine optimization and website copy for clients increased their web traffic by up to 700%
- Highly skilled in documentation, scientific writing, website copy, and travel blogging

2006 – Present **Photography and Video**

- Specialty in taking, editing, and selling landscape, travel, and weather photography and video
- YouTube travel and tutorial videos have received more than 60,000 views each
- Expertise in Adobe Creative Cloud, including Lightroom and Premiere Pro

## Licenses and Certifications

2022 – Present **FAA Part 107 Commercial Drone License / Remote Pilot Certification**

## Employment History

2013 – Present **GIS Specialist and Content Writer** – Self-Employed (Remote)

2009 – 2011 **GIS Analyst and Scientific Writer** – Jacobs Technology (On-Site)

## Publications

“Mercury Open Water Final Report for Compliance with the Delta Mercury Control Program.” California Department of Water Resources, 2020

“A Framework for the Probabilistic Analysis of Meteotsunamis.” Natural Hazards Online First Articles, 2014.

“USGS Arctic Ocean Carbon Cruise 2010: Field Activity H-03-10-AR to collect carbon data in the Arctic Ocean, August – September 2010.” U.S. Geological Survey Data Series, 2013.

## Education

2005 – 2009 **BS, Mathematics and Physics** – Eckerd College

2011 – 2013 **BS, Meteorology** – University of Oklahoma

2016 – 2018 **AAS, Web Development** – Scottsdale Community College