# Nick Peihl

nickpeihl@gmail.com    (760) 883-0534    http://npeihl.com

Geospatial Data Analyst and Web Developer with 10+ years experience organizing and administering spatial databases and six years building geospatial web applications using Leaflet, Mapbox, and ArcGIS JavaScript frameworks.

**GitHub**   nickpeihl      **Twitter**   nickpeihl      **LinkedIn**   nickpeihl

## SKILLS

| | |
|---|---|
| **WEB DEVELOPMENT** | HTML, CSS, JavaScript, Node.js, Leaflet, Mapbox, Progressive Web Apps |
| **GIS** | ArcGIS Desktop / Server, Spatial analysis, GDAL / OGR |
| **DATABASE** | Microsoft SQL Server, PostgreSQL / PostGIS, ArcSDE |
| **PYTHON** | ArcPy, Django, Jupyter, Pandas, Geopandas |

## EXPERIENCE

### San Juan County

**GIS Coordinator**    Jun 2013 - Present

San Juan County is an archipelago of small islands off the coast of Washington state. The San Juan islands are a very popular tourist destination but otherwise sparsely populated.

- Build fast and responsive geospatial web applications using progressive web app technologies
- Supervision of all GIS department projects and staff
- Backup IT Manager for supervision of staff and critical decision-making
- Created Footprint Review - a crowdsourcing web application for conflating GIS data
- Re-negotiated aerial photography contract to provide higher resolution imagery at no additional cost

### Coachella Valley Association of Governments

**GIS Analyst**    Aug 2005 - May 2013

The Coachella Valley Association of Governments (CVAG) is a municipal planning agency which administers the Coachella Valley Multiple Species Habitat Conservation Plan (CVMSHCP). The CVMSHCP is a 1.1 million acre plan to protect species habitats and ecologies.

- Designed and maintained enterprise geodatabases running on Microsoft SQL Server and PostgreSQL/PostGIS to link geospatial data with a document management system
- Conducted spatial analyses to determine where and how proposed developments affect protected species habitats and natural communities
- Designed annual reports showing habitat conservation progress using spatial SQL queries
- Used Django framework to develop a data entry web application for consultants

## VOLUNTEERING

### Cascadia Users of Geospatial Open Source (CUGOS)

**Contributor/Presenter**    Oct 2015 - Present

CUGOS provides support and ideas for users of open source geospatial software through monthly meetings, annual conferences and project sidecars.

- Core contributor to the Dropchop open source project (http://dropchop.io)
- Presentation on open source options for offline custom maps for mobile devices

## EDUCATION

### North Dakota State University

Sep 1999 - May 2004
Bachelor of Science - Management Information Systems / Computer Science