Jin Lee

Research Analyst– Albany Visualization and Informatics Lab (AVAIL)

Jin Lee's computing and data analysis skills include Geographic Information System (GIS), spatial analysis and statistics, graphic design, web development, programming, mapping and database management. Mr. Lee has experience developing web-based GIS applications and user interface design. He has supervised research assistants, GIS professionals and computing staff members to enhance GIS and spatial data analysis functionality. Additionally, Mr. Lee has taught GIS to university students and other GIS user groups.

Education

- M.A Geography, State University of New York, University at Albany, 2002
- Graduate Certificate in Geographic Information System (GIS) State University of New York, University at Albany, 2001

Professional Highlights

- GIS Specialist, AVAIL, 2018-Present
- Lead Programmer/Analyst, Center for Social and Demographic Analysis, 2004-Present
- Programmer/Analyst, Lewis Mumford Center for Comparative Urban and Regional Research, 2000-2004
- Graduate Research Assistant, Department of Geography and Planning, State University of New York, University at Albany, 1999-2000

Related Projects

Division of Homeland Security and Emergency Services – FEMA – State Hazard Mitigation Plan (SHMP)

Mr. Lee reviews and analyzes hazard related data resources, especially from FEMA's National Risk Index and HAZUS tool and NOAA's severe weather data with various GIS tools for the 2019 NYS SHMP. He is currently working on Web-based client map development for the phase 2 tool development of SHMP

Web-based NPMRDS Congestion and Performance Measurement Dashboard - NYSDOT

Mr. Lee reviews and analyzes the NPMRDS dashboards' calculations, creates and updates the definitions of performance measures, develops and visualizes GIS analysis and operationalizes new dashboard features. Mr. Lee developed the dashboard's user guides and frequently interfaces with clients and users to offer user support and communicate requests to the development team.