



Jing Liu

Senior Analyst

Jing Liu is a Senior Research Analyst at Econsult Solutions, Inc. (ESI) where she specializes in spatial analysis, statistical analysis, econometric modeling, transportation planning, and data visualization. She has been involved in a number of transportation projects, real estate market analysis, and economic impact analysis.

Jing is responsible for analyzing and updating ESI's monthly Philadelphia Housing Index (PHI), which measures changes in the sales price of Philadelphia's housing units through time, adjusting seasonality and housing traits to compare like-to-like, with differentiated trends by city district by using arms-length residential, single transaction sales from 2001. She also assists in monthly PHI blog posting where ESI provides insights to Philadelphia's real estate market.

Previous Experience

Prior to joining ESI in 2016, Jing interned at Delaware Valley Regional Planning Commission (DVRPC), where she worked with Office of Modeling and Analysis on updating the travel forecasting model—Travel Improvement Model (TIM), particularly on socio-economic data preparation and modeling.

Education

Jing received her Master's in City Planning and Master's in Urban Spatial Analytics from School of Design, University of Pennsylvania. Her thesis GIS project aimed at improving the traditional travel demand forecasting model by incorporating spatial regression. Her second year studio project was NY-NJ Crossrail Studio, whose focus was on applying lessons from London's Crossrail project to New York's fragmented and capacity-constrained regional rail network in order to maintain and expand current infrastructure, and bolster region-wide economic growth, where Jing worked on station area development plan design and economic impact analysis for major stations.

Jing received her Bachelors of Science in Management from Renmin University of China, with an emphasis on Land Use and Real Estate Management. Her thesis project evaluated the feasibility of land development right transactions in suburbs of Beijing.

Areas of Expertise

Geospatial Analysis

Statistical Analysis

Transportation

Real Estate Economics

Data Visualization

Education

Masters in City
Planning
University of
Pennsylvania

Masters in Urban
Spatial Analytics
University of
Pennsylvania

BA in Management
Renmin University of
China

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