



Shaunak Sangdod

Developer– Albany Visualization and Informatics Lab (AVAIL)



Shaunak Sangdod manages business development at AVAIL including: project management; reporting; client interaction; grant writing; graphic design; and marketing. Mr. Krams has experience delivering projects on schedule and meeting milestones with clients ranging from low-income urban constituents to state departments, national foundations, and federal agencies including the U.S. Department of Transportation and the Federal Highway Administration.

Education

- B.A. English/B.A. Communications, University of Massachusetts, Amherst, 2003

Professional Leadership

- Founding Member, Transport Troy
- Drafted and Passed Complete Streets Ordinance, Troy, NY

Professional Highlights

- Program Manager, AVAIL, University at Albany, NY 2014-
- Healthy Places Program Manager, Capital District Community Gardens, Troy, NY 2006-2014
- English Language Lecturer, Assumption University, Bangkok, Thailand 2005-2006
- Project Assistant, Cramer Communications, Norwood, MA 2003-2005

Related Projects

Web-based NPMRDS Congestion and Performance Measurement Dashboard - NYSDOT

Mr. Krams is Project Manager of the New York State Department of Transportation project to employ the National Performance Management Research Data Set (NPMRDS) for Metropolitan Planning Organization (MPO) staff to identify transportation bottlenecks. AVAIL is developing a state of the art web-based data science dashboard that visualizes network reliability. Across the US., Departments of Transportation have special access to this data through the Federal Highways Administration. The tool is currently being tested for use by MPOs across the state of New York.

New York State Freight Plan - NYSDOT

As sub-contractors to RSG on the New York State Freight Plan, Mr. Krams is AVAIL's lead developer on the New York State Freight Network Atlas. The Freight Network Atlas provides a view of the state's freight-related transportation facilities and related data and can be accessed here:

<http://freightatlas.availabs.org/#/>

New York State Mesonet

Mr. Krams designed and developed the New York State Mesonet website which can be accessed here: <http://nysmesonet.org/>

Innovative Travel Data Collection, Planning for the Next Two Decades - New York Metropolitan Transportation Council (NYMTC)

Mr. Krams is the lead policy analyst and technical writer on the NYMTC Report on Travel Data Collection for the Next Two Decades, which will be published in late 2016 or early 2017.

Troy, NY Complete Streets Ordinance

As Healthy Places Program Manager at Capital Roots, Mr. Krams was a founding member of Transport Troy and Project Manager of the effort to draft the Complete Streets Ordinance and orchestrate its passage before the Troy City Council

Transit Market Analyst – New Jersey Transit

Mr. Krams served as Project Manager for a web-based transit planning tool for NJ TRANSIT, sponsored by New Jersey Department of Transportation and the University Transportation Research Center. This modeling and transit network tool is web-based and enables the project team to run flexible models based on time of day, time of year, any subset of census tracts and is completely transferrable to any geographic area in the United States