



# FRANK BROEN

## VISUALIZATION SPECIALIST

p | 3850.528.6056 e | frank@metroanalytics.com



### ABOUT ME

Frank Broen is a national expert in communicating complex transportation issues for planning, systems implementation, multimodal operations, forecasting and trends and transportation data analytics. He serves as the secretary of the TRB Visualization in Transportation Committee and the Communications Coordinator and webmaster of the TRB Access Management committee. He also is a member of the TRB Communication Coordinators Council, specifically helping with the Data and information Section.

As President of Teach America, Frank has supported the planning and execution of over 25 national or regional conferences. He has recorded presentations and produced proceedings for conferences and symposia since 2006. Many conferences have been enhanced using innovative concepts and adult accelerated learning principles, such as lightning rounds to introduce topics rapidly, preconference polls to orient presenters and participants, summary presentations to wrap-up 3 day conferences, interactive workshops, person-to-person discussion summaries (what I learned, what I will do) to wrap-up sessions.

### RELEVANT PROJECTS

**Florida DOT Transplex Conference:** When Florida chose to limit all travel in 2011, he was involved in organizing a virtual conference. This innovative solution included virtual posters, brainstorming sessions, lunchbox café's, and traditional presentations via webinar. During the SASHTO conference that FDOT hosted in Disney World's Contemporary Hotel, he recorded all the [presentations](#), and developed the summary slide show showcased at the final dinner event, posted online on SASHTO.org after the conference. He was responsible for recording all the presentations as well as producing the videos and final summary of the first FDOT Florida Automated Vehicle Summit in 2013 <http://teachamerica.com/FAVS2013/>

**FHWA/TRB Alternative Intersections Conference:** In 2014, TRB and FHWA hosted a special conference was held in Salt Lake City Utah to showcase Alternative Intersections. All the presentations were recorded, and showcased on <http://teachamerica.com/ai14/>.

**Contraflow Workshop:** After the failed contraflow evacuation that was quickly planned during Hurricane RITA in 2006, he helped summarize the ContraFlow workshop where all the southern states met to share their contraflow plans to avoid a future catastrophe.

**NCHRP 25-47 Communicating the benefits of Access Management (2019):** Visualization specialist for the team that will develop simple safety, economic, and operational assessment tools/methods and visualizations to enable practitioners to readily quantify and communicate the value of access management at a program, corridor or project level. Will be responsible for creating an online communication toolkit that incorporates a practitioner's guide and training materials, along with case studies and supporting videos.

**Statewide Policy Planning Consulting Services:** *FDOT Central Office, Office of Policy Planning.* Transportation Planning Specialist for this multi-year, multi-task contract. Visualized FDOT's annual performance reports (which received an AASHTO award) and executive-level management summaries, FDOT's annual MAP-21 performance report, SIS training and communication support for eSIS. Completed web redesign of SASHTO.ORG. Developed PowerPoint for "Setting the Stage" meetings. Developed computer-based training programs for MPOs. Led design, concept and execution for 2010 Virtual Transplex conference and 2015 Transplex conference.

**Mobility Performance Measures:** *FDOT Central Office, Transportation Statistics Office.* Transportation Planning Specialist for multi-contract, multi-year, multi-task project. Provided training support for outreach. Developed PowerPoint support for presentations both online and for collaborative meetings. Visualized a new concept for the FDOT Source Book, a multimodal data summary of information.

### Location

Quincy, FL

### Education

**Physics**  
Florida State University

### Experience

FAA licensed Drone Pilot

Professional Affiliations  
**TRB**

Secretary of the TRB  
Visualization in  
Transportation  
Committee

Communications  
Coordinator of the TRB  
Access Management  
committee

TRB Communication  
Coordinators Council  
Member

### 41 Years

Visualization,  
Transportation Planning  
Communication

**Teach America** 41-yr