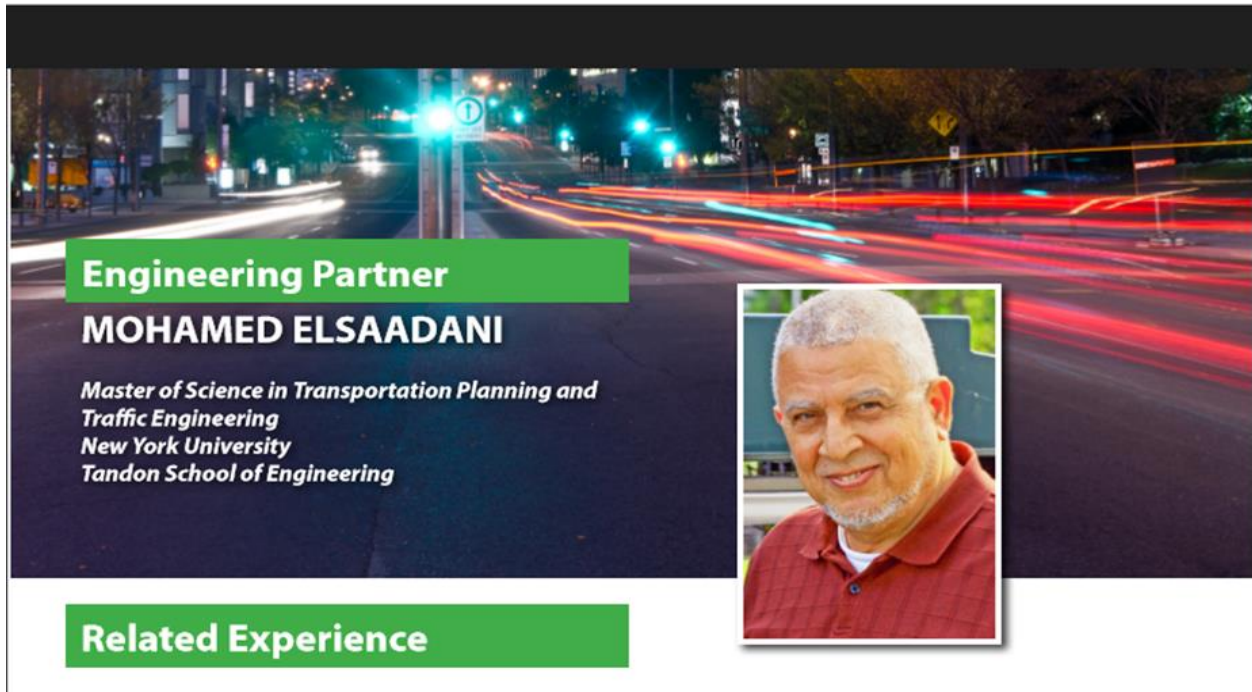


MOHAMED EL SAADANI



Engineering Partner
MOHAMED ELSAADANI
*Master of Science in Transportation Planning and
Traffic Engineering
New York University
Tandon School of Engineering*

Related Experience

MOHAMED EL SAADANI

Principal Engineer/Transportation

Mr. El Saadani is a recognized traffic and transportation consultant known for providing innovative solutions to transportation problems for almost 35 years in New York and Connecticut.

Mr. El Saadani was a Senior Associate and Principal Transportation Engineer and provides project management and Traffic Engineering planning and design services for Hardesty and Hanover, NY, New York.

Mr. El Saadani has extensive research experience and expertise in preparing Transportation Master Plans, Traffic/Transportation Management Plans, Traffic Operation and Corridor Studies and getting the most out of the existing street and highway system and managing the transportation system supply by making operational changes to improve performance and safety.

He has extensive experience in the field of traffic control systems working with Synchro, SimTraffic, Corsim, HCS, and VISSIM for coordinated fixed time and actuated signals. Modeling and simulating signalized streets and highways will result in optimization of traffic signal timing such that there will be a reduction in delays and decrease in total travel time and saving on gas consumption and decrease fuel emission resulting in clearer air quality.

MOHAMED EL SAADANI

Mr. El Saadani has worked with Dubai Municipality for deploying, fine-tuning, customizing, expanding and managing the City's Adaptive Computerized Signal System (SCOOT). He was a member of the planning and engineering committee that prepared the City's Transportation Master Plan for the year 2017 and was a member of Dubai's Traffic Operation Planning Committee.

Mr. El Saadani has worked with Istanbul Municipality for the training of its transportation planner and traffic engineers on theory and practice of modern traffic engineering.

Mr. El Saadani participated with Polytechnic University (NYU Tandon School of Engineering), Transportation Research Institute, using Corsim simulation model to evaluate the performance of the adaptive traffic control system (using OPAC) based on historical traffic data and conditions in the New York City environment.

PROFESSIONAL SOCIETIES

American Planning Association
Institute of Transportation Engineers
American Society of Civil Engineers

PROFESSIONAL EXPERIENCE

Traffic Impact Studies - Mr. El Saadani has prepared traffic impact studies for various large scale development types including, shopping centers, regional markets, residential subdivisions and others. He has prepared numerous traffic accesses and impact studies in urban of New York, Connecticut and Dubai.

Traffic Engineering - Mr. El Saadani has prepared numerous intersection and roadway capacity analysis, and improvement recommendations. He has prepared numerous traffic improvements measures studies, feasibility studies, and preliminary traffic facilities design studies in New York, Connecticut and Dubai.

- Route 6, Cortland, New York.
- Highland Avenue, State Route 10, Cheshire, CT,
- State Route 312 between U.S. Route 6 and Route 22, Southeast, New York,
- Main Avenue, Norwalk, Connecticut,
- U.S. Route 1, Stamford, Connecticut,
- South Main, Avenue, New City, New York,
- U.S. Route 1, Darien, Connecticut,
- Noroton Avenue, Darien, Connecticut,
- Maintenance and protection of traffic for rapid transit access to LaGuardia Airport, New York, New York.
- Al Nahda Interchange, Capacity Improvement Study, Dubai, UAE.
- Traffic Calming study for Brooklyn Heights, Brooklyn, New York.
- Tacony-Palmayre Bridge/I-95 Interchange Improvement Study, Philadelphia, Pennsylvania.
- Exit ramp from the southbound Brooklyn Queens Expressway to Navy Street near downtown Brooklyn, New York.

MOHAMED EL SAADANI

Traffic Simulation - Mr. El Saadani prepared computer models to visually show how traffic would operate for various traffic plans. He simulated the effects of traffic management plans for U.S. Route 1, in connection to test traffic operation prior to the selection of a preferred alternative. He simulated traffic flow for several traffic signal coordination plans in Connecticut, New York and Dubai, leading to the selection of preferred signal timing plans.

- Hicksville Hamlet Traffic Study, Oyster Bay, New York.
- Oyster Bay Hamlet Traffic Study, Oyster Bay, New York.
- Route 9A Traffic Study, Briarcliff Manor, New York.
- Al Ittihad Road Traffic Management Study, Dubai, UAE.
- Dubai CBD Traffic Study, UAE.
- U.S. Route 1 Transportation Management Study, Connecticut.
- I-95 Traffic Management and Operation Study.

Traffic Signal Systems - Mr. El Saadani developed, deployed, operated and expanded Dubai's city adaptive real-time signal system (SCOOT). Mr. El Saadani developed and fine-tuned signal plans using Transyt-7F, Synchro and other signal progression optimization software packages.

He was responsible for operation of the city of Dubai traffic signal system and developed and fine-tuned signal coordination plans for over-saturated conditions, including the City's special events.

Parking - Mr. El Saadani conducted parking surveys and design parking facilities with special access requirements.

Transportation Planning - Mr. El Saadani prepared development reviews, traffic projections, impact and mitigation assessment and circulation plans for individual developments and specific plans.

- Planning of the 42nd Street Low-floor Light Rail Transit Line, New York City.
- Re-location of Dubai Vegetable and Fruit Market, Dubai, UAE.

EDUCATION

M.S. Transportation Planning and Engineering, Polytechnic University, Brooklyn, New York, 1994.

B.S. Civil Engineering, Alexandria University, 1971.

EMPLOYMENT HISTORY

2000 – Present	Frederick P. Clark Associates, Inc., Rye, New York
1999 – 2000	Dubai Municipality, UAE
1998	PTG De Leuw Cather & Company, New York, New York
1997 – 1998	Dubai Municipality, UAE
1997 – 1985	LeRoy Callendar, P.C. Consulting Engineers, New York, New York
1983 – 1985	Steinman, Boyton, Gronquist & Birdsall, New York, New York
1974 – 1982	GAC, Jeddah, Saudi Arabia
1971 – 1973	Alexandria Port Authority, Egypt

MOHAMED EL SAADANI

j:\docs2\office\resume\mes.doc: td