



Dubai

ONLINE SEMINAR

STEAM+ MODELING & ANALYTICS FRAMEWORK: LATEST ADVANCEMENTS

Date and Time: Tuesday, 21st May 2023: 18:00 – 19:00 UAE Time

ABOUT THE EVENT

CIHT Dubai is proud to present this seminar about “STEAM+ Modelling Framework: Latest Advancements”. Transport investments require a large amount of government funds. In order to make more informed, objective and data-driven decisions, the Integrated Transport Centre (ITC) built a tool (STEAM - Strategic Transportation Evaluation and Assessment Model) that simulates and helps plan for the future of Transport in Abu Dhabi Emirate.

In the latest advancements STEAM+ was expanded as integrated transport modelling framework that covers Strategic, Meso, Micro modeling. STEAM is the official tool for Abu Dhabi Emirate to make informed decisions about land use development, the transportation system and transport policy changes. It is able to model travel demand patterns across the transportation system for any combination of scenarios in the forecast horizon years (2025,2030,2040 & 2050).

STEAM is used by many internal and external stakeholders to study infrastructure requirements. This tool has been successfully used to test over 60 Billion AED worth of schemes, policies and initiatives (e.g. whether and when to expand a road, build a tunnel, implement a toll, or build a metro).

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Our three expert speakers from ITC will discuss about the STEAM+ integrated modelling framework that consists of Datawarehouse, Strategic model, Hybrid Simulation model, BIRDSEYE- visualization engine. The speakers will elaborate more on how big data at ITC & its stakeholders including new innovative sources such as mobile phones, data & water/electricity consumption data have been used to understand mobility patterns and the transport network needs. The speakers will present the latest updates to the STEAM+ model, including the incorporation of a micromobility model and ongoing enhancements in the analytics platform (FUSION Engine).

OUR SPEAKERS

Brindha Sankari, Transport Economic Expert at ITC Abu Dhabi.

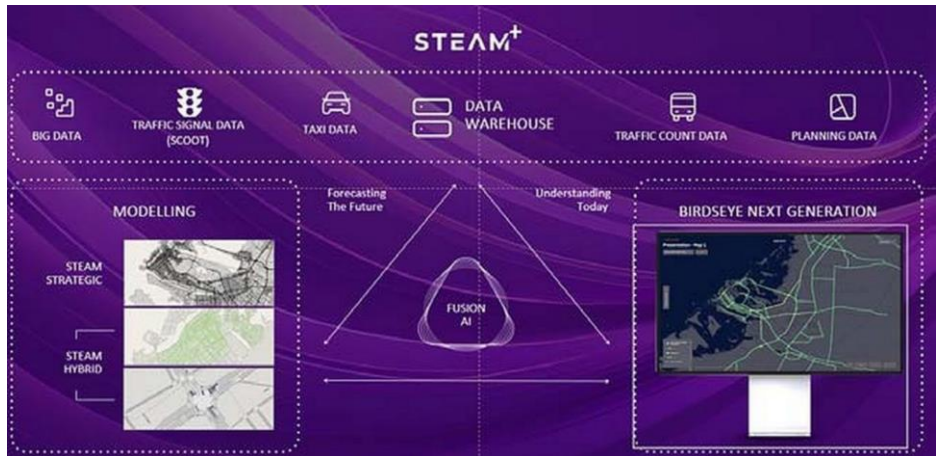
With over 17 years of experience in transport planning and modeling across India, Singapore, and the UAE, she has led numerous projects focused on transport model development and various transport planning studies.

Bharath Paladugu, Transport Planning & Modeling Specialist at ITC Abu Dhabi.

Bharath has over 15 years of global expertise spanning the USA, UAE, Oman, and India, and is an accomplished expert in transport planning, travel demand modeling, traffic engineering, data systems development, and analytics

Aysha Ahmed AlKhazraji, Transport Design & Modeling Specialist ITC Abu Dhabi.

Transport Modeler at Integrated Transport Center – Abu Dhabi (ITC), with 5 years' experience in Mobility Planning & Modelling.



FURTHER INFORMATION AND REGISTRATION

THIS IS AN ONLINE EVENT. Attendance at this Seminar is free, but registration is mandatory. Sign- up on Eventbrite at [STEAM+](#). Registered attendees will be sent joining details one to two days before the event.

For further information, e-mail us at ciht.dubaigroup@gmail.com.



Register Here