



Introduction to freight distribution modeling with Citilabs Cube Cargo

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CITILABS CUBE CARGO

Cube is a modeling platform designed to study most aspects related to transportation planning engineering developed by Citilabs Inc. With an open platform, Cube allows you to build and calibrate models of any type. Cube Cargo is a suite specialized for modeling freight movements throughout a city or a region.

The suite Cube Cargo models the exchange of goods into, out of, and between cities by any transportation mode. It allows to understand the effects of trading on the transportation network under study. Among the benefits that Cube Cargo offers are:

- A commodity based freight model for realistic volume estimates
- An accurate modeling process of both short and long-haul freight movements
- Understanding the effects of cargo shipping policy and infrastructure changes to the roadway network
- Uses a well-established approach for freight forecasting

Cube Cargo offers freight specific capabilities to represent multiple commodity groups, logistical nodes where transport mode or vehicle may change, a module to model touring vehicles, and a module for local service vehicles.

THE WORKSHOP

This two-hour workshop will allow participants to have a full insight about the use of a state-of-the-practice software designed for evaluating freight policies at a local or regional level.

The workshop aims to allow the attendants to learn how to model interactions about shipping freight decisions and planning on a road network. Basic GIS knowledge would be desired, but no previous experience about Citilabs Cube is needed.



WHO SHOULD ATTEND?

The seminar is intended for students as well for academic interested in transportation planning, and more specifically, in the field of freight policies development at public or governmental sector.

REFERENCES

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