

## **Sketch Planning With Simplified Land Use Transportation Models**

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### **Abstract**

Planning support systems have only just reached the point where many alternative scenarios can be tested and evaluated in a routine manner. This has been made possible through developments in computation which lets users access models and methods remotely, executing their predictions in real time and exploring their outcomes in interactive fashion. Here we report on the development of a suite of simplified and aggregate land use transportation models for large scale impact analysis, illustrating their visual interfaces with examples of new transport lines and airports in the London metropolitan region, in Bogotá, Columbia where we show the segregated structure of the city in terms of its accessibility to different income groups, and in Dubai, UAE where the data we have used has been drawn entirely from the web and where we show how crude models can still be built for testing the impacts of major change in data-poor situations.

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