



Transportation Seminar Series

Friday, March 20, 2009

4 - 5 p.m. in 240 Bechtel Engineering Center

David Levinson

Professor, Department of Civil Engineering at the University of Minnesota

Transport, Land Use, and Value

Abstract: This presentation considers co-evolutionary process between the development of land and transport networks. Using data from the rail and Underground in London and the streetcar system in the Twin Cities, the empirical relationship is established statistically under several different contexts, and hypotheses about the positive feedback nature of the interaction are tested. Given transportation creates land value, and recognizing the problem of underfunding transport infrastructure, new funding sources can be used to increase transport investment, create additional land value, and improve social welfare.

Bio: David Levinson is a faculty member of the Department of Civil Engineering at the University of Minnesota and holds the RP Braun/CTS Chair in Transportation Engineering. Levinson's current research focuses on understanding the process of network growth, evaluating transportation technology and policy, and modeling travel behavior. He teaches courses in Transportation Policy, Planning, and Deployment, Transportation Systems Analysis, Transportation and Land Use, Transportation Economics, and Transportation Engineering. He is the director of the Nexus research group, exploring issues related to networks, economics, and urban systems, and is principal investigator of the interdisciplinary Access to Destinations Study. He is currently a PI or co-PI on three National Science Foundation grants. Levinson received his Ph.D. in Civil Engineering from the University of California at Berkeley, where he also worked as a post-doctoral researcher. Levinson serves on the editorial advisory boards of Transportmetrica and the ASCE Journal of Urban Planning and Development, and is Editor of the Journal of Transport and Land Use. Levinson has authored or co-authored more than 100 peer-reviewed papers and five books: Financing Transportation Networks, Assessing the Benefits and Costs of Intelligent Transportation Systems, Access to Destinations, The Transportation Experience, and Planning Place and Plexus: Metropolitan Land and Design.

Please join us for a TRANSOC-sponsored cookie hour in the ITS library at 3:30 p.m.