PRICING AND PROCUREMENT ISSUES IN FREIGHT TRANSPORTATION

Co-sponsored by the Dept. of Urban and Regional Planning

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Institute of Transportation Studies
University of California, Irvine

FRIDAY, MAY 3, 2002
12:00 noon. - 1:30 p.m.
Social Ecology I, Room 306

This seminar will be presented in two parts. The first talk, "Rebate, Returns and Price Protection Policies in Supply Chain Coordination," will show that when retailers have only one purchase opportunity for products subject to price drops during a short product life-cycle, price protection can coordinate the chain under certain circumstances. While price protection alone cannot guarantee a mutually optimal outcome, end-of-life returns plus price protection or rebate is a 'win-win' policy. The second talk, "Procurement of Transportation Services in a Combinatorial Auction: Carriers' Perspective" will investigate the benefits of transportation service providers' participation in combinatorial auctions.

Amelia C. Regan is associate professor of civil and environmental engineering at the University of California, Irvine (UCI). Her research interests include applications of information technologies and optimization techniques to freight and fleet management, transportation logistics, on-line freight marketplaces, intermodal operations, commercial vehicle operations and firm behavior, shipper behavior and third-party logistics. She is currently developing dynamic dispatching algorithms for trucking and local pickup and delivery fleet operations. Her research in this area has been supported by major grants from the National Science Foundation (NSF), U.S. Department of Transportation (USDOT), Transportation Research Board (TRB) and University of California Transportation Center (UCTC). Dr. Regan is also conducting several studies of the impact of information technologies on freight transportation industries.