

# Program

UCLA Conference Center at Lake Arrowhead  
The Transportation—Land Use—Environment Connection  
**October 14-16, 2007**

## Overview

Urban growth presents opportunities and poses challenges for public policy and planning. Places experiencing rapid growth face significant land use, transportation, and environmental challenges, while leaders in areas with little or no growth are looking for ways to motivate firms and households to move to their areas. Nearly all projections for the coming decades predict dramatic increases in employment and population, especially in California and much of the western U.S. Will all of this projected growth really materialize? And if it does, where will so many new jobs locate? Where will these new residents live? How will they get around? What are the environmental consequences of all of this expected growth? These are some of the many questions to be explored at the 2007 UCLA Lake Arrowhead Transportation—Land Use—Environment Symposium.

While those tasked with planning for growth must consider the links among transportation, land use, and environmental issues, there are many other critical linkages to consider as well. Accordingly, this year's symposium focuses on growth trends and projections in four areas: demographics, employment, housing, and resources. In doing so, we examine how projected trends in the composition and location of the population affect the demand for employment, housing, and travel, as well as how projected changes in economy are likely to affect the location of businesses and the movement of goods and people to, from, and between these businesses. While the recent ramp-up in housing prices has greatly increased personal wealth for many, high housing prices may be scaring off new employers, foreclosures are on the rise, and home ownership in many large cities is beyond the reach of a large and growing share of the population.

What do the long-term trends in housing supply and demand mean for transportation and land use systems? Continued growth poses big challenges for many forms of infrastructure beyond transportation, including water, sewage, and power. How are these other infrastructure challenges likely to affect transportation, land use, and environmental policy and planning in the years ahead? These questions and more are examined in nine sessions over three days at Lake Arrowhead.

*Symposium Co-Organizers:*

**Catherine Showalter**, Director, UCLA Extension Public Policy Program

**Brian D. Taylor**, AICP, Professor of Urban Planning; Director, UCLA Institute of Transportation Studies

## Sunday, October 14

1:00 pm	Registration, Check-In, and Refreshments
1:30	Welcome <i>Catherine Showalter</i> , Director, UCLA Extension Public Policy Program <i>Cathy Sandeen</i> , Dean, UCLA Extension and Continuing Education
1:45-2:00	<i>Symposium Overview</i> Speaker: <i>Brian D. Taylor</i> , AICP, Professor of Urban Planning; Director, UCLA Institute of Transportation Studies
2:00-3:15	<b>GLOBAL ECONOMIC CHANGES, LOCAL EFFECTS: THE FUTURE OF LOCAL EMPLOYMENT, TRADE, AND TRAVEL IN AN INCREASINGLY GLOBAL ECONOMY</b> The location and travel decisions of firms and households are increasingly dependent on global economic forces and trends. This opening session examines recent trends in the global integration of capital, labor, and products; the local effects of these trends; and the likely economic trends in the coming years. Will the rapid growth in international trade continue? What are the implications of globalization on employment in California and the West in the years ahead? Under what circumstances can public policy and planning locally affect these global trends? These and related questions are explored by the opening speaker and panelists. Moderator: <i>Catherine Showalter</i> <b>■ Where will the leadership come from to solve our transportation problems?</b> Speaker: <i>Roger Stough</i> , Associate Dean for Research, Development, and External Relations, School of Public Policy, George Mason University Panel Discussion <i>Gloria Jeff</i> , transportation professional <i>Randall Lewis</i> , Executive Vice President, Director of Marketing, Lewis Operating Corporation <i>Scott Moore</i> , Vice President, Public Affairs, Union Pacific Railroad Discussion
3:15-3:30	Break



3:30-5:00

**EXPLORING THE LAND USE AND TRANSPORTATION IMPLICATIONS OF POPULATION GROWTH AND CHANGE IN CALIFORNIA AND THE WEST**

The past few decades have brought enormous demographic change to California and the West. Natural population growth and immigration have combined to rapidly increase both the size of cities and the scale of travel in them. But do past trends necessarily portend the future? This session examines the latest research on demographic projections for California and the West, the implications for housing and employment, and the changing travel needs of a changing population. Topics include how young people get around and how this is changing; the travel needs of a rapidly-growing elderly population; how immigration has and will affect the demand for travel; and the implications of highway and transit systems.

Moderator:

*J.R. DeShazo*, Associate Professor, Director of The Ralph and Goldy Lewis Center, UCLA

■ **Understanding Population Growth amidst Environmental Constraints: Who Will Be the New Residents and Where Will They Live and Work?**

*Dowell Myers*, Professor, Director of the Population Dynamics Research Group, University of Southern California

■ **Planning for the Travel Needs of Growing Youth and Aging Populations**

*Noreen McDonald*, Assistant Professor, Department of City and Regional Planning, University of North Carolina at Chapel Hill

■ **Immigrants, Location, and Travel in California: Do the Biggest Impacts Lie Ahead?**

*Evelyn Blumenberg*, Associate Professor of Urban Planning, School of Public Affairs, UCLA

Discussion

5:00-6:30

Check-In and Reception

6:30-8:00

Dinner

8:00-9:30

**VISIONING ALTERNATIVE GROWTH FUTURES: WHAT MAY LIE AHEAD?**

Anticipated growth can take many forms in the years ahead. Mega-regions can grow even larger; while small- and medium-sized cities can become large, new metropolitan areas. Within these areas, densities can increase faster than the spread of the suburban fringe. Cities can disperse to spread activities and traffic over larger areas to reduce concentrations and congestion. Cities and suburbs can grow “greener” or more resource-intensive. Or all of these can occur simultaneously. This session draws on long-range forecasting tools to explore alternative ways to accommodate anticipated growth, and how public policies may influence the direction of projected growth in the coming years. Participants explore where millions of anticipated new jobs and homes might go, and how they might be configured to maintain a high quality of life in the decades ahead.



Moderator:

*Norm King*, Director, Leonard Transportation Center, CSU San Bernardino

■ **How Much Land? How Much Housing? Forecasting the Impacts of Alternative Futures of Urban Growth in the U.S.**

*John Landis*, Crossways Professor of City and Regional Planning, University of Pennsylvania

■ **Visioning Alternative Futures in the Sacramento Region**

*Mike McKeever*, Executive Director, Sacramento Area Council of Governments

Discussion

9:30-11:00 Informal Reception

*Monday, October 15*

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8:30-10:00 am

**THIRST FOR GROWTH: WATER POLITICS AND POLICY**

Water is a central, and perhaps *the* central, constraint on development in the West. Rain and snow fall vary greatly from place to place, agriculture is an enormous consumer of water, and many of the nation's largest and fastest growing regions—Las Vegas, Los Angeles, Phoenix, and San Diego—are in warm, dry locales requiring increasing amounts of imported water. The ecological effects of these water transfers, the growing instability of the water supplies in the face of global climate change, and the increasing competition among regions and economic sectors collectively suggest that water politics and planning will play an increasing role constraining and defining growth in the years ahead. The panel of experts in this session discuss these critical issues and their implications for the future of California from a variety of perspectives.

Moderator:

*Elizabeth Deakin*, Director, UC Transportation Research Center; Associate Professor, City and Regional Planning, UC Berkeley

■ **Watering the West: The Future of Water Supply in Growing, Drought-Prone Regions—Implications for Transportation, Land Use, and the Environment**

Panel Discussion

*John Wise*, U.S. EPA Deputy Regional Administrator, Retired

*Spreck Rosekrans*, Senior Economic Analyst, Environmental Defense

*Tim Quinn*, Executive Director, Association of California Water Agencies

Discussion

10:00-10:15 Break



10:15 am-12:00 pm **POWERING GROWTH: ENVIRONMENTAL CONSTRAINTS ON ELECTRICAL POWER PRODUCTION IN THE YEARS AHEAD**

An ever-increasing demand for electricity, an aging power generation infrastructure, and a slow growth of new sources of electricity have combined to strain the stability of electric power in the West. As traditional sources of power raise an array of environmental concerns, the pressure to find greener sources of electricity and greatly increase efficiency through conservation has never been greater. The speakers in this session examine strategies to meet growing demands for power in cost-effective and sustainable ways.

Moderator:

*Dave Calkins*, Partner, Sierra Nevada Air Quality Group

■ **On the Grid: Planning Future Power Generation to Accommodate Growth**

*Frank Wolak*, Professor of Economics, Stanford University

■ **Green Growth, Green Policy I: Innovative Efforts to Develop Sustainable Energy Production around the Globe**

*Debbie Cook*, Council Member, City of Huntington Beach

■ **Green Growth, Green Policy II: Local Efforts to Increase Energy Efficiency and Conservation in the West**

*Walker Wells*, Program Director, Resource Efficiencies and Sustainable Communities for the Urban Environment (RESCUE), Global Green USA

Discussion

12:00-1:30 Lunch

1:30-3:15 **HOUSING MARKETS IN CALIFORNIA AND THE WEST: SUPPLY, DEMAND, AND PRICES**

While the long ramp-up in housing prices in Western cities, particularly those along the coast, has been a boon to millions of homeowners, fewer and fewer families can afford homes and high housing costs may make California cities less attractive to many employers. This session considers the role of housing in shaping growth by looking at the future of housing markets, the role of regulation in affecting housing prices, the effects of school quality on housing choices, and projections of where housing will be needed and where it will likely be built in the coming decades.

Moderator:

*Ty Schuiling*, Director of Planning/Programming, San Bernardino Association of Governments

■ **The Markets for Housing and Trends in Housing Production: What's Ahead?**

*Steve Cauley*, Associate Resident, UCLA Andersen School of Management

■ **The Role of Regulation in Affecting Housing Supply and Prices: Part of the Solution, Part of the Problem, or Both?**

*Marlon Boarnet*, Professor, Planning, Policy, and Design, UC Irvine



■ **School Quality and Housing Choices: What Are the Links?**

*Ariel Bierbaum*, Program Manager, Center for Cities and Schools, UC Berkeley

■ **What Is and Can Be Done to Make Housing More Affordable to More People?**

*Victoria Basolo*, Associate Professor, Planning, Policy, and Design, UC Irvine

Discussion

3:15-5:30

Free Time

5:30-6:30

Reception

6:30-8:00

Dinner

8:00-9:30

**PLANNING FOR AFFORDABLE, SUSTAINABLE HOUSING**

Following the research-oriented examination of housing markets, regulation, and location in the afternoon, the evening session examines housing development from regional, local, and developer perspectives, with reports on (i) state blue-print regional housing needs assessments, (ii) local green building techniques and codes, and (iii) a developer's perspective on meeting rising demands for housing in the years ahead.

Moderator:

*Catherine Showalter*

■ **Intergovernmental Planning for Housing**

*Linda Wheaton*, Assistant Deputy Director, Housing Policy Division, Department of Housing and Community Development, State of California

■ **Green Building Techniques and Codes: What Are the Trends, What Have Been the Effects?**

*Brian Gitt*, Executive Director, Build It Green

■ **The Future of Housing in California: A Developer's Perspective**

*Andrew Henderson*, Vice President and General Counsel, Building Industry Association (BIA) of Southern California

Discussion

9:30-11:00

Informal Reception



*Tuesday, October 16*

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8:30-10:15 am

**PLANNING FOR (AND COPING WITH) GROWTH**

Given the challenges raised by economic and demographic change, water and power availability, and housing growth and affordability, this session examines specific efforts to cope with these changes in (i) a large, mature, and still growing region (Silicon Valley), (ii) a large and still rapidly-growing region (the Inland Empire), and (iii) a rapidly-growing region (the San Joaquin Valley).

Moderator:

*Trixie Johnson*, Research Director, Mineta Transportation Institute

■ **The Future of High-Tech Employment in an Increasingly Expensive and Congested Silicon Valley**

*Carl Guardino*, President and CEO, Silicon Valley Leadership Group

■ **Planning for Logistics-Based Employment Growth in the Inland Empire**

*John Husing*, Principal, Economics & Politics, Inc.

■ **Preparing for an Increasingly Urbanized San Joaquin Valley**

*Barbara Patrick*, Special Projects Coordinator, Great Valley Center

Discussion

10:15-10:30

Break

10:30 am-12:15 pm

**STRATEGIES FOR MOVING FORWARD: WHAT SHOULD BE DONE? CAN IT BE DONE? IF SO, HOW AND BY WHOM?**

This session provides a strong close to the symposium, with a panel of three prominent speakers representing state, regional, and local jurisdiction interests. The speakers are asked to reflect on the prior two days of the symposium and reach into the future with ideas for potential actions.

Moderator:

*Brian D. Taylor*

Closing Presentations

*Joan Sollenberger*, Division Chief, Transportation Planning, California Department of Transportation

*Hasan Ikbrata*, Director, Planning and Policy, Southern California Association of Governments

*Christopher Cabaldon*, Mayor of West Sacramento and a member and past chair of the Sacramento Area Council of Governments Board

Discussion

12:15-1:45

Lunch and Adjournment