

Sustainable Land Use

Creating A Better Future

For The Houston Region

Program

Speakers, Moderators & Judges



RICE UNIVERSITY
**Shell Center for
Sustainability**



School of Social Sciences
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Program

7:30 am -8:00 am Registration and Welcome

8:00 am -9:40 am

Segment I - **Where Can We Go?**

Moderator: Robert Yaro, Vision

Amanda Timm, Social Justice and Urbanism

Kevin Shanley, Green areas and Water in the Urban Landscape

Jeff Taebel, HGAC, Transportation

9:40 am – 9:50 am Break

9:50 am – 11:30 am

Segment II - **What We Are**

Moderator: David Crossley

Jim Lester, HARC, Water Ecosystems

Stephen Klineberg, Rice, Attitudes

Robin Holzer, CTC, Transportation

11:30 am – 1:30 pm

LUNCH – Student Poster Session, Christopher Hight

Morning Q&A Session

Rice Student Poster Session

Video Finalists & People's Choice Award Vote

1:30 pm – 3:05 pm

Segment III - **What Tools Do We Have?**

Moderator: Gordon Wells, University of Texas - Austin

Sam Brody, Texas A&M

Dmitry Messen, HGAC, Land Use Modeling

Christof Spieler, METRO

3:05 pm – 3:15 pm Afternoon Q&A/Break

3:15 pm – 4:45 pm

Segment IV - **What Policies and Mechanisms Will It Take To Get There?**

Moderator: Stephen Klineberg

Judge Ed Emmett

Carol Lewis, TSU, City of Houston Planning Commission

Jim Noteware, Housing and Community Development, COH (TBC)

Jim Blackburn, Blackburn and Carter

Andy Icken, Chief Development Officer, Office of the Mayor, City of Houston

Joe Allen, Allen Boone Humphries Robinson LLP

4:45 pm – 5:00 pm Conference Close

Houston's Land Use - Video Vision Competition

Regional competition - Houston's Land Use

Speakers, Moderators & Judges



Lilibeth André, Judge

Lilibeth André is the Associate Director for the Shell Center for Sustainability (SCS) at Rice University where she manages administration and public relations for the Center since 2007. Prior to her work at SCS, Lilibeth worked for the City of Houston managing the Houston Bikeway Program, Houston Airport System Technical Communications for Planning Design and Construction, Houston Air Program, and assisted the Administration, Education and Operations of the Houston Recycling Division. Before her work in Houston she coordinated the Trip Reduction Program for the City of Phoenix and managed downtown Transit Department projects; Solid Waste Inspection Audits; participated in the development of the Household Hazardous Waste Program, and coordinated municipal Contract Services, including cable communications. She worked for various design and architectural firms in Mexico City where she managed Operations, Administration, Marketing, and Special Projects. She is a founding member of Women In Transportation Seminar–Houston and Mothers for Clean Air. She is the past president of the Colored Pencil Society of America–Houston. She has a BBA from LeTourneau University, and a design degree from Centro de Estudios Tecnológicos 55 in Coyoacan, Mexico. She is also a representational artist and studies naturopathic medicine for personal development.



Jim Blackburn, Speaker

An attorney for more than 30 years, Jim Blackburn is a partner in Blackburn Carter, P.C., a firm devoted to environmental law and planning. Blackburn is also a Professor in the Practice of Environmental Law in the Department of Civil and Environmental Engineering at Rice University. He serves as Director of the Interdisciplinary Minor in Energy and Water Sustainability and is a Faculty Associate for the SSPEED Center, as well as leading a course/project titled “Measuring Sustainability: Project Houston”. His current caseload includes litigation over the future of the whooping crane on the Texas Coast and opposition to permits needed to enable uranium mining in Goliad County. Mr. Blackburn is active in community issues and is a co-founder of Houston Wilderness, the Matagorda Bay Foundation and the Galveston Bay Foundation. He was the recipient of The Barbara C. Jordan Community Advocate Award presented by Texas Southern University in 2007. In 2004, Texas A&M press published his manuscript titled *The Book of Texas Bays*, which focuses upon the environmental health of Texas bays and discusses various facts and issues. In 2009, Blackburn co-authored a compilation of art and poems titled *Birds: A Collection of Verse and Vision*. Blackburn received both a B.A. in History and a J.D. at the University of Texas at Austin and an M.S. in Environmental Science at Rice University.



Samuel D. Brody, Speaker

Samuel D. Brody is a Professor at Texas A&M University in the departments of Marine Sciences at Galveston and Landscape Architecture and Urban Planning at College Station. He holds the George P. Mitchell '40 Chair in Sustainable Coasts and is the Director of the Center for Texas Beaches and Shores. Dr. Brody is also a faculty fellow at the Rice University Severe Storm Prediction Education and Evacuation from Disasters Center, the Texas A&M University Hazard Reduction and Recovery Center, and the Texas A&M University Institute for Science, Technology, and Public Policy. His research and teaching focuses on coastal environmental planning, environmental dispute resolution, climate change policy, and natural hazards mitigation. Dr. Brody has also worked in both the public and private sectors to help local coastal communities to draft land use and environmental plans. For more information, please visit www.tamug.edu/ctbs.



David Crossley, Speaker, Moderator

David Crossley is president and founder of Houston Tomorrow, where his focus is on urban growth issues as they relate to quality of life and sustainability. Houston Tomorrow has led the Livable Houston/Smart Growth Initiative in the Houston Gulf Coast region since its founding as the Gulf Coast Institute in 1998. Crossley is a founder and former Chair of Blueprint Houston, an initiative toward a comprehensive plan for the City of Houston that began as a program of Houston Tomorrow's 1000 Friends of Houston. He served from 1996-2000 as President of the Citizens' Environmental Coalition. He serves on several regional boards, including Houston's Main Street Coalition. Crossley serves on many committees and panels, including the Technical Advisory Committee of the Transportation Policy Council and the Forecast Advisory Group at Houston-Galveston Area Council. He is a member of the Greater Houston Partnership's Transit Planning Committee. Nationally, he is an executive board member of Smart Growth America, a member of the steering committee of America 2050, and chair of the Growth Management Leadership Alliance. He is a team leader for the Networks & Modes task force of the Congress for the New Urbanism, and also is a member of the American Planning Association, and the Urban Land Institute. He speaks at conferences and contributes to national publications.



Judge Edward M. Emmet, Speaker

Edward M. Emmett became Harris County Judge on March 6, 2007. A member of the Texas House of Representatives from 1979 to 1987, Judge Emmett was chairman of the Committee on Energy, a member of the Transportation Committee, and represented the state on numerous national committees relating to energy and transportation policy. In 1989, President George H. W. Bush nominated Emmett as a Commissioner at the Interstate Commerce Commission. He served on the commission for three years. Judge Emmett found The Emmett Company, a multi-faceted international consulting and marketing firm serving the transportation industry. His previous experience includes acting as president and chief operating officer of the National Industrial Transportation

League. He is director of Harris County's Office of Homeland Security and Emergency Management. Judge Emmett has won numerous awards during his tenure as chief executive of the nation's third-largest county, including most recently: the 2009 Distinguished Public Service Award from the LBJ School of Public Affairs at the University of Texas. Judge Emmett attended Bellaire High School. He graduated from Rice University in 1971 with a Bachelor of Arts degree in Economics and from the University of Texas at Austin in 1974 with a Master of Public Affairs degree.



Robin Holzer, Speaker

Robin Holzer is a former business consultant turned civic leader who lives in the Montrose neighborhood of urban central Houston. She earned an MBA from Rice University in 2002 and a BA from Rice in 1993. Robin chairs the board of the nonprofit Citizens' Transportation Coalition (CTC). CTC is an all-volunteer, grassroots advocacy organization with members across the 8-county Houston-Galveston region. The Houston-Galveston Area Council (H-GAC) estimates that more than \$3 billion will be spent annually on transportation projects in the Houston region. This massive investment in public infrastructure will actively shape not only the form and function of our city, but also the quality of life of its residents for decades to come. Since 2004, CTC volunteers have worked to engage neighborhood leaders in the planning of transportation projects that affect our neighborhoods. CTC volunteers have worked to make toll road planning more accountable, educate local leaders regarding the role of freight rail in the region, and help Houstonians participate in the planning of METRO's new light rail lines. Recognizing that every transit user is a pedestrian, CTC is also building support for public investment in sidewalks, bikeways, and other transportation alternatives. Learn more at <http://ctchouston.org>.



Brian Huberman, Judge

Brian Huberman is a graduate of the National Film & Television School of Great Britain. He came to Texas in 1975 and is currently Chair of the Visual & Dramatic Arts Department at Rice University where he teaches courses in digital documentary production, film production and Film Genre. He has produced several documentaries that have been screened internationally both on television and at festivals including, "To Put Away the Gods", (1983) about the Lacandon Maya Indians of Chiapas, "The Making of John Wayne's THE ALAMO" (1992), "The Last days of Charles/Kathryn"(1993) about a Texas transsexual and "The De la Peña Diary: A memoir of the Texas Revolution including the death of David Crockett" (2000). Huberman's credits as a cameraman include "Trauma Drama" episodes for The Learning Channel (1999-2000) and Eagle Pennell's award winning "Last Night at the Alamo"(1984). His current film project is a feature length documentary about 1830's America entitled, "Alligator-Horses".



Andy Icken, Speaker

Andy Icken currently serves as Mayor Annise Parker's Chief Development Officer for the City of Houston. In addition, he has oversight of the Houston Airport System. Prior to his appointment by Mayor Parker, he served as Deputy Director of Public Works & Engineering for the City of Houston – Planning & Development Services Division. Prior to joining the City of Houston, Mr. Icken served for 6 years as Executive Vice President of the Texas Medical Center. His responsibilities for Texas Medical Center included business enterprises, support services, government affairs and public affairs. Preceding his employment with Texas Medical Center, Mr. Icken had an extensive career of over 30 years with ExxonMobil. From 1990 to 2000 he was Executive-in-Charge of Exxon's (ExxonMobil) Materials and Service Department providing shared business services to Exxon's domestic and international. Mr. Icken's career with Exxon included other executive positions in business line management in both the United States and foreign Exxon affiliates. Mr. Icken is past president of the Houston Minority Business Council and continues to serve on their Board of Directors. He is past Chairman and continues to serve on the Board of the Santa Maria Hostel. Mr. Icken holds a Bachelor's of Science degree in Chemical Engineering from Carnegie Mellon University and a Master's of Science in Industrial Administration also from Carnegie Mellon.



Stephen L. Klineberg, Speaker, Moderator

A graduate of Haverford College, with an M.A. from the University of Paris and a Ph.D. from Harvard, Stephen Klineberg joined Rice University's Sociology Department in 1972, after teaching at Princeton. In 1982, he and his students initiated the annual "Houston Area Survey," now in its 29th year of tracking the remarkable changes in the demographic patterns, experiences, attitudes, and beliefs of Harris County residents. The recipient of ten major teaching awards at Rice, including the Lifetime Award for Excellence in Teaching, Klineberg is writing a book on the Houston surveys and serving as Co-director of Rice University's new "Institute for Urban Research." The mission of the Institute is to provide a permanent home for the annual surveys, to stimulate other metropolitan research, to sponsor educational programs, and to engage in public outreach that enhances the value of this work for the wider community.



Jim Lester, Ph. D., Speaker

Dr. Jim Lester holds a Ph.D. in Zoology from the University of Texas at Austin and is currently the Vice President of the Houston Advanced Research Center (HARC). Previously, he served as the Director of HARC's Environment Group. He is responsible for development and implementation of projects to make more sustainable our management of water, air and biological resources and for the operations of HARC. From 1975 to 2002 he was a faculty member and administrator in the University of Houston System where he held administrative positions at the University of Houston-Clear Lake as a Dean, Associate Vice President, and Director of the Environmental Institute of Houston. His scientific work is grounded in ecological and population genetics, which

he has applied to projects dealing with biodiversity and development of new species for sustainable aquaculture. Dr. Lester has worked in Asia and Latin America on aquaculture and fishery development projects. He is currently engaged in projects that analyze compilations of datasets from multiple sources to obtain new insights for watershed or landscape management. He also serves in a leadership capacity for the HARC program on air quality science. He is Past President of the Texas Environmental Education Partnership and serves as the Chair of the Monitoring and Research Committee of the Galveston Bay Estuary Program.



Carol A. Lewis, Ph. D., Speaker

Carol A. Lewis, Ph.D. is an Associate Professor in Transportation Studies and Director of the Center for Transportation Training and Research at Texas Southern University. She is responsible for educating students in fundamentals of transportation and urban transportation issues, as well as conducting operational and policy related transportation research. In March 2008, Lewis was asked to serve as principal investigator for Texas Southern University's designation by the Department of Homeland Security (DHS) as a Petrochemical Transportation Security Center of Excellence. This multi-disciplinary initiative conducts research to reduce the nation's vulnerability against potential terrorists' attacks in selected components of the surface transportation system. She is also the principal TSU researcher in the DHS Disasters, Coastal Infrastructure, and Emergency Management Center (DIEM) focusing on evacuation modeling. She has conducted research for the Texas Department of Transportation (TxDOT), Federal Highway Administration and other public and private transportation entities. Prior to joining Texas Southern University in 1992, Lewis spent 15 years as manager and director of planning at the Metropolitan Transit Authority of Harris County. In the Spring of 2010, Mayor Annise Parker appointed her to the Gulf Coast Rail District Board. From 2004 to 2009, she served as transportation advisor to the Mayor, and as Chair of the City's Planning Commission. Lewis served two years on the board of the Metropolitan Transit Authority and six years as the national academic advisor for the Conference of Minority Transportation Officials. Lewis holds a Ph.D. from the University of Houston in Political Science and M.A. and B.A. degrees from the University of Iowa.



Dmitry Messen, Ph.D., Speaker

Dr. Dmitry Messen is a Socioeconomic Modeling Program Manager at the Houston-Galveston Area Council (H-GAC). Dmitry leads H-GAC's efforts in developing microsimulation-based long-range demographic and land use forecasts for the Houston region. Prior to joining H-GAC in 2004, Dmitry worked at the Center for Energy Studies at Louisiana State University doing research in applied economics as well as teaching GIS, statistics, and economic geography. Dmitry is a quantitative social scientist with extensive expertise in modeling, regional and urban economics, geographic information systems, and data management. Dmitry holds a Ph.D. in Geography from Louisiana State University (1997) and a M.A. in Geography from Moscow State University (1992).



James D. Noteware, Speaker

Mr. Noteware is the Director of the City of Houston, Housing and Community Development Department. He has spent his entire 35-year career in the real estate industry, specializing in the development of real estate and the value-added turn-around of properties, portfolios and the organizations which manage them, in both the private and public sectors. Prior to his appointment with the City, as chairman & CEO of Noteware Development, he sponsored residentially-based mixed-use projects in urban infill locations in several markets around the United States. In 2003 and 2004, he led the real estate investment, development and operations of the National Capital Revitalization Corporation (NCRC), to maximize and realize the value of the real estate held by the District of Columbia and US Federal governments in the Nation's Capital. From 1993 to 2002, Mr. Noteware served as Chairman & CEO of Maxxam Property Company. His responsibilities included overall planning and direction of the company's portfolios of multi-family housing, large scale master planned communities, commercial and special-use properties. He also served as President of the Sam Houston Race Park. Prior to joining Maxxam, he was National Director of Real Estate for Price Waterhouse. Early in his career, Mr. Noteware practiced architecture in California. He holds a Bachelor Degree in Civil Engineering and Architecture from Stanford University and an MBA in finance from the Wharton School of the University of Pennsylvania.



Don Payne, Judge

Don Payne is an award-winning producer/director/writer and media strategy expert with over 30 years of experience. His distinguished career includes production positions at several ABC and PBS television stations across the country and executive positions in corporate communications, television, media relations, public relations, political communications and government affairs. In addition, Don was an instructor of television production courses at Spaulding College in Louisville, Kentucky and Bowling Green State University in Bowling Green, Ohio. He is currently a producer/account manager for Bill Young Productions, the largest and most experienced production/multimedia company in the Houston area. Don earned his Bachelor of Arts degree in Telecommunications from Indiana University at Bloomington, Indiana and is currently pursuing a Master's degree in ministry from Harding University in Searcy, Arkansas.



Kevin Shanley, FASLA, Hon. AIA, Speaker

Kevin Shanley is the CEO of the SWA Group and a design and planning principal of the Houston office, a firm that practices planning, landscape architecture and urban design with five offices between Texas and California. He has been with the firm since 1973 and has been in the Houston office since 1979. His practice is regional and international. Kevin studied philosophy at the University of Santa Clara and subsequently studied urban design and landscape architecture at the Harvard University Graduate School of Design. In his work with the SWA Group, Kevin has been involved in award winning planning and urban design projects in Houston, in other metropolitan areas of this country, and in many large scale overseas projects from the middle east to the far east. Kevin has always been fascinated by water and it has been in Houston that he has focused on regional water issues, particularly the effect of urbanization on storm water runoff and its effect on our region's streams and bayous. Now serving as Chairman of the Board of the Bayou Preservation Association, he has for almost twenty years been advocating for change in how we understand our streams and watersheds, for change in how we impact our streams and bayous when we build and improve our drainage systems, and for change in the public policies that ultimately shape our urban environments.



Christof Spieler, Speaker

Christof Spieler is Director of Technology and Innovation at Morris Architects. He is a licensed professional engineer and heads firmwide efforts on green buildings, new materials, project process, and Building Information Modeling (BIM). Previously, he worked as a consulting structural engineer. His projects have won multiple American Institute of Architects awards and have been featured on the cover of national engineering magazines. Mr. Spieler teaches structures in the Rice University School of Architecture and advises student design-build programs at Rice and the University of Houston. Mr. Spieler has written and spoken extensively on transit and urban planning and has helped Houston neighborhoods shape transportation projects. His articles have appeared in Cite Magazine (where he served on the editorial committee from 1998 to 2010, including 2 years as chair), the Houston Chronicle, and Architecture Magazine; he also covered Houston transportation in his blog, Intermodality. He serves as a technical advisor to the Citizens' Transportation Coalition, a board member of the Rice Design Alliance, and a member of the American Public Transit Association's Sustainability and Urban Design Working Group. Mr. Spieler lives Downtown with his wife, Kimberly. They share one car, and he relies on METRO for most of his daily trips. He holds a Bachelor of Science and a Master of Science in Civil Engineering from Rice University. He was named Rice's Outstanding Young Engineering Alumnus in 2009 and one of Building Design and Construction Magazine's "40 under 40" in 2008.



Lisa Spiro, Ph. D., Judge

Lisa Spiro directs Rice University's Digital Media Center, where she helps to plan and manage digital projects, studies the impact of information technology on higher education, and oversees a multimedia lab. She also teaches workshops on digital storytelling. As part of her work tracking emerging technologies in education, Lisa created the Learning Science and Technology Repository (LESTER), founded the Digital Research Tools (DiRT) wiki, and has served as a member of the Horizon Report Advisory Board. She is the author of the blog "Digital Scholarship in the Humanities" and writes or speaks frequently about issues relating to digital humanities and scholarly digital projects. Lisa received a Ph.D. in English from the University of Virginia, where she worked as the managing editor of *Postmodern Culture* and as a project assistant at the University of Virginia's Electronic Text Center.



Jeff Taebel, FAICP, Speaker, Judge

Jeff Taebel oversees the community and economic development, environmental planning, livable communities, socioeconomic modeling and disaster recovery programs for the 13-county Houston-Galveston region. His key accomplishments include: Establishing H GAC's Livable Centers and pedestrian-bicyclist "special districts" programs to promote sustainable mobility choices; Developing one of the nation's leading applications of the UrbanSim socioeconomic and land use modeling tool; Preparing H-GAC's Foresight Panel on Environmental Effects report, detailing recommendations for climate change adaptation; Developing a regional solid waste management plan and implementation grant program that has funded numerous local source reduction and recycling programs; Devising programs to distribute federal funds to individuals and communities that sustained damage from Hurricanes Rita and Ike. He is a past President of the Texas Chapter of the American Planning Association (APA) and currently serves on the Urban Land Institute Houston District Council Executive Committee. In April 2008, he was named a Fellow of the American Institute of Certified Planners. Mr. Taebel received a Master of Urban Planning degree from Texas A&M University and a B.S. in Life Sciences at the University of Nebraska.

Conference Planning Committee

Lilibeth André, Rice University
Gregory R. Biddinger, Ph. D., ExxonMobil
David Crossley, Houston Tomorrow
Mary Margaret Hamilton, Shell Oil Company

Robert Harriss, Ph. D., HARC
Peter Hartley, Ph. D., Rice University
Debra Marshall, Shell Oil Company

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