



MOVING KNOWLEDGE TO ACTION

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DAVID HITCHCOCK is an urban and regional planner engaged in environmental, energy and sustainable development programs at the Houston Advanced Research Center (HARC). He joined HARC in 1989 after serving as Director of the Joint Center for Urban Mobility Research at Rice Center in Houston. HARC is a private, non-profit research organization founded in 1982 with a mission of applying sustainability knowledge and principles of sustainable development.

EDUCATION

B.A. in Sociology

including four years of Architectural Engineering

Phillips Petroleum Scholar

Oklahoma State University

M.R.C.P. in Regional and City Planning

U.S. Department of Transportation Fellow

University of Oklahoma

Ph.D. (*course work only*): Environmental Health/Urban Affairs

U.S. Environmental Protection Agency Fellow

University of Pittsburgh, Joint Program with the Graduate School of Public and International Affairs and the School of Public Health

EXPERIENCE

2003 to present	Director, Sustainable Transportation Programs, HARC
2002 to present	Senior Research Scientist, HARC
2002 to 2004	Program Director, Air Research Management, HARC
1989 to 2002	Associate Director, Mitchell Center for Sustainable Development, HARC
1984 to 1989	Director/Associate Director/Senior Research Associate, Joint Center for Urban Mobility Research, Rice Center
1982 to 1984	William G. Barker & Associates, Senior Planner

PROFESSIONAL AFFILIATIONS/SERVICE

- Alternative Fuels Committee, Transportation Research Board (formerly)
- American Institute of Certified Planners
- American Planning Association
- Cool Roof Rating Council, Board of Directors (formerly)
- Montgomery County Transportation Task Force
- Regional Air Quality Policy Committee, Houston-Galveston Area Council (formerly)
- SAE Associate Member
- Transportation Research Board University Liaison (formerly)

MAJOR REPORTS AND PUBLICATIONS

- Cities, Hitchcock, D., Chapter 11, *The Impact of Global Warming on Texas*, 2nd edition, edited by Jurgen Schmandt, Judith Clarkson and Gerald R. North, 2011 (forthcoming).
- Hitchcock, D. and Vernon, Z., "Trees", in *Counting on Quality of Place: Air Quality, Parks and Trails, and Trees*, Center for Houston's Future, 2010.
- Bar-Ilan, A., Johnson, J. R., DenBleyker, A., Chan, L-M., Yarwood, G., Hitchcock, D., and Pinto, J. P., Potential Ozone Impacts of Excess NO₂ Emissions from Diesel Particulate Filters for On- and Off-Road Diesel Engines, *Journal of Air and Waste Management Association*, Volume 60, August 2010
- Hitchcock, D., Parsons, P., and Melaina, M., *Texas Hydrogen Roadmap*, a report to the State Energy Conservation Office, January 2009.
- Biltonen, E., and Hitchcock, D., *Costs of Inaction: Climate Change Impacts on Large Cities in Texas*, Energy Foundation, 2009.
- *Dallas Urban Heat Island*, Dallas Sustainable Skylines Initiative, EPA, March 2009.
- Hitchcock, D. and Melaina, M., *Texas Hydrogen Roadmap*, National Hydrogen Association Annual Conference, 2009.
- Bullock, D. B., Beydoun, M., Brahme, R., Hitchcock, D., *NO_x Emissions Impacts from Widespread Deployment of CHP in Houston*, February 2008 Gulf Coast CHP Regional Applications Center, 2008.
- Nowak, D., Hitchcock, D., Merritt, M., and Smith, P., *Houston's Regional Forest: Structure, Functions, Values*, Texas Forest Service, September 2005.
- Hitchcock, D., Cook, V., and Schaack, K., *Cool Houston: A Plan for Cooling the Region*, Houston Advanced Research Center, July 2004.
- Hitchcock, D., *Science Meets Policy: Air Quality Research for Houston-Galveston and Dallas/Ft. Worth*, Annual Report, Texas Environmental Research Consortium, May 2004.
- Hitchcock, D. and Barker, W. G., *Assessment of Potential Emission Reductions of Prototype Diesel/Electric Hybrid Pickup/Delivery Vehicles in the Houston-Galveston Region*, Texas Council for Environmental Technology (Texas Commission on Environmental Quality), 2004.
- Hitchcock, D., Cook, V., and Schaack, K., *Cool Houston: A Plan for Cooling the Region*, Houston Advanced Research Center, July 2004
- Hitchcock, D. and Foss, M. M., *Guide to Electric Power in Texas*, Third Edition (Second Edition 1999, First Edition 1998), Houston Advanced Research Center and the Institute for Energy, Law & Enterprise, University of Houston Law Center, January 2003.
- Hitchcock, D. and Davies, T., *Recommendation for Environmental Improvement, Air Quality Recommendations*, Report of Houston Environmental Foresight, Houston Advanced Research Center, December 2000.
- Hitchcock, D. and Davies, T., *Recommendation for Environmental Improvement, Greenspace Recommendations*, Report of Houston Environmental Foresight, Houston Advanced Research Center, December 2000.
- Schmandt, J. and Hitchcock, D., *The Houston Advanced Research Center (HARC): A Private Initiative for Industrial Development*, *European Planning Studies*, Vol. 8, No. 2, 2000.
- Hitchcock, D., Stelzer, S., Yeh, F. Y, and Webb, D., *Houston Corridor Guide to Sustainable Development*, City of Houston, April 1999.
- Hitchcock, D., *Transition to Sustainable Development: Is This About Planning?*, American Planning Association, 1997 Annual Conference, February 1997.

- Hitchcock, D. Alternative Fuels Transportation Briefs, Governor's Energy Office, 1991-1993.
- Hitchcock, D., Myers, D., and Wilson, J., Population and Employment Allocation (Houston-Galveston Area Council), HARC, December 1992.
- Hitchcock, D., Regional Mobility Planning in the 21st Century, Morgan Stanley Workshop – Mass Transit in the 21st Century, 1989.
- Hitchcock, D., Assessment of Public-Private Options, Astrodome/Southeast/Texas medical Center Rail Corridors, Houston METRO, Rice Center, 1989.
- Hitchcock, D., Greenway Plaza Transportation Center, Proposed Public-Private Partnership, May 1988.
- Hitchcock, D., Houston's Major Activity Centers and Worker Travel Behavior, Rice Center, 1987.