



Civil Systems Program Takes Off

Large systems like road and air transport networks have long been the province of transportation engineers, who design and build them. But now technology is providing new tools that enable civil engineers to substantially expand their

scope. [More about the Civil Systems Program...](#)

Transportation Sustainability Research at UC Berkeley

The study of transportation sustainability seeks to develop ways in which transportation can tread as lightly as possible on finite resources and have the least harmful consequence for the natural and human environments, largely by taking fullest advantage of renewable resources for energy, manufacture and operations and restricting harmful emissions.

Research at Berkeley covers a broad spectrum of issues affecting transportation sustainability, from tail pipe emissions to mega-analyses of energy inputs and outputs in the design and operation of all aspects of the transportation system.

[More on Transportation Sustainability...](#)

Message from the Director

The explosive growth in demand for transportation worldwide has made sustainability a central policy-making concern. Challenges to sustainability range from transportation's global effects on climate change and energy and resource use to more localized concerns such as air quality around a specific facility or network.

[More from the Director...](#)

*FACET image courtesy of NASA Ames

Welcome to the third issue of NewsBITS, the magazine of the [Berkeley Institute of Transportation Studies](#). It is published four times a year by the Berkeley ITS Publications Office. Your comments are welcome. Address them to the editors listed below.

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[Winter 2005, Vol. 1, No. 2](#)

["MVP Air & The Beer Game and the Bullwhip"](#)

Recent News:



Helping Africa Take to the Skies:
Visiting Scholar
Bridget Ssamula

Explores a Hub-and-Spoke System for the Continent. [More about SSamula...](#)

NEXTOR Presents Third National Airspace Systems Performance Workshop:

It brought together scholars and stakeholders interested in modeling, measuring, and managing the performance of the National Airspace System (NAS) and other civil aviation systems around the world. March 14-17, 2006. [More about the Workshop...](#)

Wireless on the Road to Safety:

PATH Researcher Raja Sengupta featured in Lab Notes from the College of Engineering. [Go to Lab Notes story...](#)

Is Bus Transit Our Best Bet?

Sir Peter Hall Thinks It Could Be. Mel Webber Lecture at the UCTC Student Research Conference. [More...](#)

PATH Researchers Get DaimlerChrysler Hydrogen Car for the Holidays:

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Charles Bartlett "Bart" McGuire Dies:

Emeritus Professor of Public Policy known for his work on the first mathematical framework to predict travel and route choices

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in urban transportation systems.

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Eric Mohr Dies: 1950 Master's Degree Recipient Among the Earliest Transportation Alumni.

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