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

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