

MICHAEL D. JACKSON
Senior Director, Transportation Technology, TIAX LLC

Michael D. Jackson is Senior Director of Transportation Technology at TIAX LLC (formerly Acurex Environmental). He is responsible for transportation policies and technologies to improve air quality and energy diversification. In this role, he directs a group of engineering and economic consultants with specialized expertise in transportation, energy, and emissions technologies. The work performed by the Transportation Technology program area includes fuel economy and emissions research; engine and vehicle design, development and demonstration; economic and air quality impacts and assessments; policy analyses; and implementation strategies. The Transportation Technology group has played a key role in demonstrating the viability of cleaner fuels in the transportation sector and more recently is helping to establish both supply and demand side measures to encourage the use of these fuels. Clients include California and federal agencies, local air districts, industrial users, and public and private fleets.

Over the past 34 years, Mr. Jackson has been working on feasibility studies and full-scale demonstrations of alternative fuels and energy systems, including prototype engine and vehicle development, advanced diesel and gasoline technologies, advanced coal conversion processes, and solar energy. He is internationally recognized for his work on low-emission heavy-duty engines and vehicles. He recently worked with California agencies to develop a cost benefit analysis to determine goals to reduce California's dependence on petroleum and to help develop the California Hydrogen Highway Network. In addition, he has provided expert testimony to Congress and to California legislative entities. He holds B.S. and M.S. degrees in Mechanical Engineering from the University of California, Berkeley. He is a member of American Society of Mechanical Engineers, the Society of Automotive Engineers, the American Association for the Advancement of Science, and the Air and Waste Management Association. Currently, he serves on the International Organizing and Scientific Committee for the International Symposium on Alcohol Fuels (ISAF).