Institute of Transportation Engineers
Arizona State University, Tempe

School of Sustainable Engineering and the Built Environment

Transportation Seminar Series

Powered-Two-Wheel Vehicles and Sustainable Transport

By
Prof. Geoff Rose, Ph.D.
Institute of Transport Studies and Monash Sustainability Institute
Monash University—Melbourne, Australia

Date: Thursday, January 10, 2013
Time: Noon—1:00 PM
Location: MU 242 (Parking Information)
Lunch will be provided.

Abstract
Increasing concerns over congestion, safety, availability of energy sources and environmental issues such as pollution and climate change have led to growing interest in sustainable transport. While the motorcar is the focus of much attention in the context of sustainable mobility, motorcycles and motor scooters have received relatively little attention in comparison. Increasingly the term Powered-Two-Wheel (PTW) vehicle is being used to cover a range of two or three wheel vehicles from electric power assisted bicycles, mopeds (low power motor cycles typically with engines less than 50cc and usually with a maximum speed of 50 kph) to motor scooters and motorcycles. This seminar will examine results from a major research project being undertaken in Australia to better understand the relationship between PTW and sustainable transport.

About the Speaker
Professor Rose holds a joint appointment in the Institute of Transport Studies (ITS - Monash) and the Monash Sustainability Institute (MSI) at Monash University. His research focuses on sustainable transport, particularly travel demand management and the role of alternative passenger transport technologies. He is leading an Australian Research Council research project examining powered-2-wheel vehicles in the context of sustainable urban mobility.

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