

## SHORT BIOGRAPHY AND KEY REFERENCES

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### **PROF. ROBERT B. NOLAND**

**Robert B. Noland** is a Professor at the Edward J. Bloustein School of Planning and Public Policy and serves as the Director of the Alan M. Voorhees Transportation Center. He received his PhD at the University of Pennsylvania in Energy Management and Environmental Policy. Prior to joining Rutgers University he was Reader in Transport and Environmental Policy at Imperial College London, a Policy Analyst at the US Environmental Protection Agency and also conducted post-doctoral research in the Economics Department at the University of California at Irvine. The focus of Dr. Noland's research is the impacts of transport planning and policy on environmental outcomes. This is defined very broadly to include not just air and water quality impacts, but also impacts on safety, climate, health, and other factors associated with overall quality of life. Active research areas include examining the impact of induced travel on vehicle emissions; understanding the policy implications of induced travel and behavioural responses to new transport capacity; investigation of policies to mitigate the climate impacts of aviation, in particular those associated with contrail formation; micro-simulation of pedestrian-vehicle interactions to provide an understanding of the costs and benefits associated with policies to improve pedestrian flow; analysis of behavioural issues associated with transport safety policies and empirical analyses of safety data, and assessment of the economic effects of transport investments. Dr. Noland's research has been cited throughout the world in debates over transport infrastructure planning and environmental assessment of new infrastructure. Dr. Noland is currently the Associate Editor of Transportation Research-D (Transport and Environment) and the International Journal of Sustainable Transportation and is Chair of the Transportation Research Board Committee's on Joint Sub-committee on Transportation and Global Climate Change.

### **KEYWORDS:**

Transport policy, environment, safety, pedestrians and cyclists, climate change