



For Immediate Release

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Creative Solutions to Traffic Problems to Be Discussed at World Science Festival

New York, N.Y., June 11, 2009 — Anna Nagurney, a network scientist and author of *Fragile Networks: Identifying Vulnerabilities and Synergies in an Uncertain World*, to be released in July, will be a featured speaker at the 2009 World Science Festival (www.worldsciencefestival.com) in New York. Anna Nagurney is presenting on the panel, "!@#% Traffic: From Insects to Interstates" on Friday, June 12, 2009, 7:00 PM - 8:30 PM at New York University's Helen & Martin Kimmel Center for University Life. The panel will discuss creative solutions to one of the world's most annoying problems - the morning commute. Panelists will provide insight on the relationship of nature to traffic, as well as creative and counterintuitive solutions to the problem.

Anna Nagurney is John F. Smith Memorial Professor in the Department of Finance and Operations Management in the Isenberg School of Management at the University of Massachusetts at Amherst. She is the Founding Director of the Virtual Center for Supernetworks and the Supernetworks Laboratory for Computation and Visualization.

Professor Nagurney is the most highly cited female in Operations Management. In 2007, she was elected a Fellow of the Regional Science Association International. Also in 2007, she received the INFORMS (The Institute for Operations Research and the Management Sciences) Award for the Advancement of Women in Operations Research/Management Sciences, known as the WORMS award. In 2008, she was appointed a consultant to World Bank.

She devotes her career to education and research that combines operations research/management science, engineering, and economics. Her focus is the applied and theoretical aspects of network systems, particularly in the areas of transportation, logistics, and critical infrastructure.

Professor Nagurney's new book presents a comprehensive study of network systems and the roles these systems play in everyday lives. It conceptualizes, defines, and constructs mathematically rigorous, computer-based tools for the assessment of network performance and efficiency, along with robustness and vulnerability analysis. The result is a thorough exploration that promotes an understanding of the critical infrastructure of today's network systems, from

congested urban transportation networks and supply chain networks under disruption to financial networks and the Internet.

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