Transport, the Environment and Security
Making the Connection

Rae Zimmerman, PhD, Professor of Planning and Public Administration, New York University, US

'This book is a tremendous information resource, and Dr. Zimmerman is a true data “guru”. Informed by her unique combination of interests, Transport, the Environment and Security represents a giant leap forward in understanding this previously understudied confluence of forces, encompassing topics as diverse as how transportation affects the environment and how security problems can affect transportation.'

– Vicki Bier, University of Wisconsin-Madison, US

'Zimmerman’s book is a much needed addition to our scientific understanding of the nexus between environment and security within a transportation context. Transportation networks (rail and road) are the quintessential American lifeline and disruptions through episodic natural hazards, terrorist activities, or longer term climate changes will have profound changes on society – presently and in the future. Zimmerman illustrates the synergies between environment, transport networks, security, social justice and urban places in a masterful and thoughtful synthesis that underscores the interdependencies within the transportation infrastructure, the nation’s vulnerability to transport disruptions, and offers ideas for increasing the resilience of the transportation infrastructure. It will become a standard reference as we re-imagine transport in the 21st century under changing climate, security, environment, and living conditions.'

– Susan L. Cutter, University of South Carolina, US

'Transportation planning and policy making have followed a particular model for more than fifty years. Rae Zimmerman begins with the premise that we are in a rut and that the old ways of thinking need to be replaced. An enormous amount of evidence is presented that together argues a strong case for the systematic integration of planning for transportation, the environment, and security. While the book does not get us to an integrated process, it points us to one and starts us down a creative path. A great introduction to the complexities of these relationships.'

– Martin Wachs, RAND Corporation, US

Effective means of transport are critical under both normal and extreme conditions, but modern transport systems are subject to many diverse demands. This path-breaking book uniquely draws together the typically conflicting arenas of transport, the environment and security, and provides collective solutions to their respective issues and challenges.

September 2012 288 pp Hardback 978 1 84980 020 4 $120.00 • 978 1 78100 526 2