

Cambridge University Press

978-0-521-53263-1 - Risk Analysis and Society: An Interdisciplinary Characterization of the Field

Edited by Timothy McDaniels and Mitchell J. Small

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Risk Analysis and Society

An Interdisciplinary Characterization of the Field

Risk Analysis and Society characterizes the state of the art and science of risk analysis. It views risk analysis as an important basis for informed debate, policy decisions, and governance regarding risk issues within societies. Its twelve chapters were designed and commissioned to provide interdisciplinary insights about the fundamental issues in risk analysis for the beginning of a new century. The chapter authors are some of the leading researchers in the broad fields that provide the basis for risk analysis, including the social, natural, medical, engineering, and physical sciences. Its chapters address a wide range of issues, including new perspectives on uncertainty and variability analysis, exposure analysis and the role of precaution, environmental risk and justice, risk valuation and citizen involvement, extreme events, the role of efficiency in risk management, and the assessment and governance of transboundary and global risks. The book was used as a starting point for discussions at the 2003 First World Congress on Risk, held in Brussels. Individual chapters were commissioned for a "Risk and Governance" Symposium held by the Society for Risk Analysis in June 2000.

Timothy McDaniels is a professor at the University of British Columbia, where he directs the Eco-Risk Research Unit and teaches in three graduate programs. He is a specialist in decision analysis, value elicitation, policy analysis, citizen involvement, and the social and judgmental aspects of risk management in environmental and human health contexts. He has served on advisory panels for the EPA SAB, for the U.S. National Science Foundation, and for Health Canada.

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Published in association with
the Society for Risk Analysis



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