Grossi / Kunreuther

Catastrophe Modeling

A New Approach to Managing Risk

Catastrophe Modeling: A New Approach to Managing Risk is the first book that systematically analyzes how catastrophe models can be used for assessing and managing risks of extreme events. It focuses on natural disaster risk, but also discusses the management of terrorism risk. A unique feature of this book is the involvement of three leading catastrophe modeling firms, AIR Worldwide, EQECAT, and Risk Management Solutions, who examine the role of catastrophe modeling in rate setting, portfolio management and risk financing.

Using data from three model cities (Oakland, CA, Long Beach, CA and Miami/Dade County, FLA), experts from the Wharton School of the University of Pennsylvania examine the role of catastrophe modeling to develop risk management strategies for reducing and spreading the losses from future disasters. Given the uncertainties associated with terrorism the book points out the opportunities for utilizing catastrophe models to set insurance rates and to examine public-private partnerships for providing financial assistance in the event of a terrorist attack.

"This book fills a critical need in setting forth the role of modern risk analysis in managing catastrophe risk. There is no comparable reference work for this important subject area. The book is well written and well organized. It contains contributions from many of the most distinguished experts in the fields of risk analysis and risk management. It strikes a good balance between the technical aspects of the subject and the practical aspects of decision making."

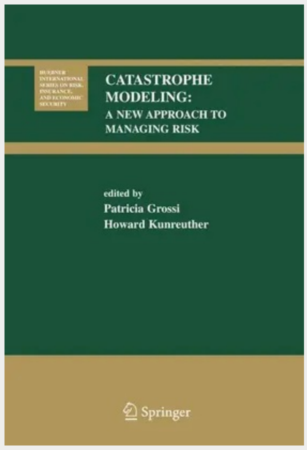
"This book is strongly recommended for individuals who must make decisions regarding the management of impacts of catastrophe risks including those in both the public and private sector."

Wilfred D. Iwan
Professor of Applied Mechanics, Emeritus
Director, Earthquake Engineering Research Laboratory
California Institute of Technology

"The authors have captured the essence of catastrophe modeling: its value, its utility and its limitations. Every practitioner in the catastrophe risk field should read this book."

Franklin W. Nutter, President
Reinsurance Association of America

Catastrophe Modeling: A New Approach to Managing Risk is the first book that systematically analyzes how catastrophe models can be used for assessing and managing risks of extreme events. It focuses on natural disaster risk, but also discusses the management of terrorism risk. A unique feature of this book is the involvement of three leading catastrophe modeling firms, AIR Worldwide, EQECAT, and Risk Management Solutions, who examine the role of catastrophe modeling in rate setting, portfolio management and risk financing. Using data from three model cities (Oakland, CA, Long Beach, CA and Miami/Dade County, FLA), experts from the Wharton School of the University of Pennsylvania examine the role of catastrophe modeling to develop risk management strategies for reducing and spreading the losses from future disasters. Given the uncertainties associated with terrorism the book points out the opportunities for utilizing catastrophe models to set insurance rates and to examine public-private partnerships for providing financial assistance in the event of a terrorist attack."This book fills a critical need in setting forth the role of modern risk analysis in managing catastrophe risk. There is no comparable reference work for this important subject area. The book is well written and well organized. It contains contributions from many of the



246,09 €
229,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780387230825
Medium: Buch
ISBN: 978-0-387-23082-5
Verlag: Humana
Erscheinungstermin: 17.12.2004
Sprache(n): Englisch
Auflage: 2005
Serie: Huebner International Series on Risk, Insurance and Economic Security
Produktform: Gebunden
Gewicht: 620 g
Seiten: 245
Format (B x H): 160 x 241 mm