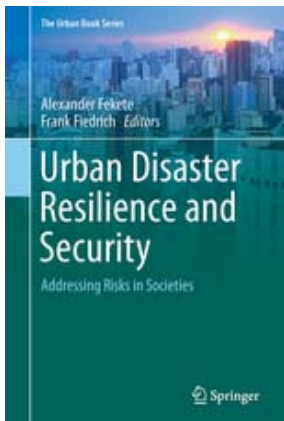


最近の変化と今後の動向を探索する包括的なランドマーク・リファレンス



都市災害の回復とセキュリティ 社会におけるリスクへの取り組み

Urban Disaster Resilience and Security Addressing Risks in Societies

*Edited by Fekete, Alexander, Fiedrich, Frank*2017年12月出版 全1巻 518頁 Hardcover U199.95 予定税込価格 ¥42,620
(Springer) ISBN:9783319686059

都市の状況における災害の影響、回復力と安全の相互関係を調査

本書の内容

This edited book investigates the interrelations of disaster impacts, resilience and security in an urban context.

Urban as a term captures megacities, cities, and generally, human settlements, that are characterised by concentration of quantifiable and non-quantifiable subjects, objects and value attributions to them.

The scope is to narrow down resilience from an all-encompassing concept to applied ways of scientifically attempting to 'measure' this type of disaster related resilience. 28 chapters in this book reflect opportunities and doubts of the disaster risk science community regarding this 'measurability'.

Therefore, examples utilising both quantitative and qualitative approaches are juxtaposed. This book concentrates on features that are distinct characteristics of resilience, how they can be measured and in what sense they are different to vulnerability and risk parameters. Case studies in 11 countries either use a hypothetical pre-event estimation of resilience or are addressing a 'revealed resilience' evident and documented after an event.

Such information can be helpful to identify benchmarks or margins of impact magnitudes and related recovery times, volumes and qualities of affected populations and infrastructure.

本書の著編者

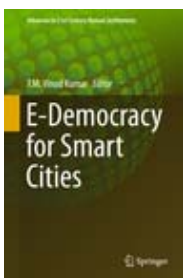
Dr. Alexander Fekete is Professor of Risk and Crisis Management at the Institute for Rescue Engineering and Security (IRG) at the Cologne University of Applied Sciences. His present research focuses on studying the systemic interrelations of natural, technical and man-made hazards with social vulnerabilities and critical infrastructures. Interdisciplinary disaster risk management, risk governance, urban resilience, risk and crisis communication, and target levels of safety and security are recent research and educational activities.

Professor Dr. Fekete previously worked from 2009-2012 as a Project Officer at the German Federal Office of Civil Protection and Disaster Assistance in the field of Critical Infrastructure Protection. From 2005-2009 he was a Research Scholar at the United Nations University – Institute for Environment and Human Security (UNU-EHS), conducting research on social vulnerability to floods and climate change adaptation. As a consultant he worked for WHO, the German Technical Cooperation (GTZ), and the German Committee for Disaster Reduction (DKKV). He has carried out fieldwork and workshops in Armenia, Iran, Japan, Sri Lanka and Switzerland. Prof. Dr. Alexander Fekete holds a diploma degree in Geography from the University of Würzburg and a doctorate (Dr.-Ing.) from the University of Bonn.

Professor Dr. Ing. Frank Fiedrich is the chair of Public Safety, Emergency Response and Object Security at the Universität Wuppertal in Germany. He specializes in topics relating to civil security, such as danger resilience and disaster management and researches both the natural and anthropological risk potential. As a professor at Wuppertal University he educates both engineers, security technicians, social scientists and criminologists.

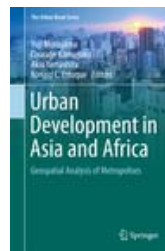
Professor Dr. Fiedrich graduated from the University of Applied Sciences (TH) in Karlsruhe, where he did research on earthquakes and natural disasters. Before his appointment at Wuppertal University he spent 4 years as an assistant professor at the Institute for Crisis, Disaster and Risk Management of the George Washington University in Washington D.C. Here he led a research project for the US Federal Emergency Management Agency on the emergency response after major disasters.

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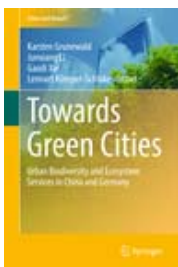
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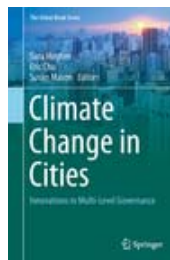
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