

Sustainability Science: Managing Risk and Resilience for Sustainable Development

By Per Becker

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Sustainability Science: Managing Risk and Resilience for Sustainable Development By Per Becker

A new, holistic transdisciplinary endeavour born in the 21st century, ***Sustainability Science: Managing Risk and Resilience for Sustainable Development*** aims to provide conceptual and practical approaches to sustainable development that help us to grasp and address uncertainty, complexity, ambiguity and dynamic change. Four aspects that permeate our contemporary world and undermine much of our traditional ways of thinking and doing. The concepts of risk and resilience are central in this endeavour to explain, understand and improve core challenges of humankind.

Sustainability and sustainable development are increasingly important guiding principles across administrative levels, functional sectors and scientific disciplines. Policymakers, practitioners and academics continue to wrestle with the complexity of risk, resilience and sustainability, but because of the necessary transdisciplinary focus, it is difficult to find authoritative content in a single source.

Sustainability Science: ***Managing Risk and Resilience for Sustainable Development*** presents the state of the world in relation to major sustainability challenges and their symptomatic effects, such as climate change, environmental degradation, poverty, disease and disasters. It then continues by elaborating on ways to approach and change our world to make it a safer and more sustainable place for current and future generations. The natural, applied and social sciences are woven together throughout the book to provide a more inclusive understanding of relevant processes, changes, trends and events.

- Shows how disturbances, disruptions and disasters have always been intrinsic byproducts of the same human-environment systems that supply us with opportunities, as well as what implications that has for policy and practice towards sustainable development today
- Introduces a new approach for grasping and addressing issues of risk and resilience in relation to sustainable development that is firmly rooted in a comprehensive philosophical and theoretical foundation and clearly linking the conceptual with the practical
- Presents a holistic agenda for change that includes a more explicit role of science, reinforced focus on capacity development and the overall necessity of

fundamental social change
- Features more than 150 figures, full-color photographs, diagrams, and illustrations to highlight major themes and aid in the retention of key concepts

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Review

"...explores approaches to making the planet a more resilient and safe place for the future. The book offers a holistic agenda for societal change." **--Sea Technology Magazine, December 2014**

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This Sustainability Science: Managing Risk and Resilience for Sustainable Development book is just not ordinary book, you have after that it the world is in your hands. The benefit you have by reading this book will be information inside this e-book incredible fresh, you will get info which is getting deeper an individual read a lot of information you will get. This particular Sustainability Science: Managing Risk and Resilience for Sustainable Development without we realize teach the one who studying it become critical in imagining and analyzing. Don't always be worry Sustainability Science: Managing Risk and Resilience for Sustainable Development can bring when you are and not make your carrier space or bookshelves' turn into full because you can have it within your lovely laptop even phone. This Sustainability Science: Managing Risk and Resilience for Sustainable Development having great arrangement in word as well as layout, so you will not truly feel uninterested in reading.

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