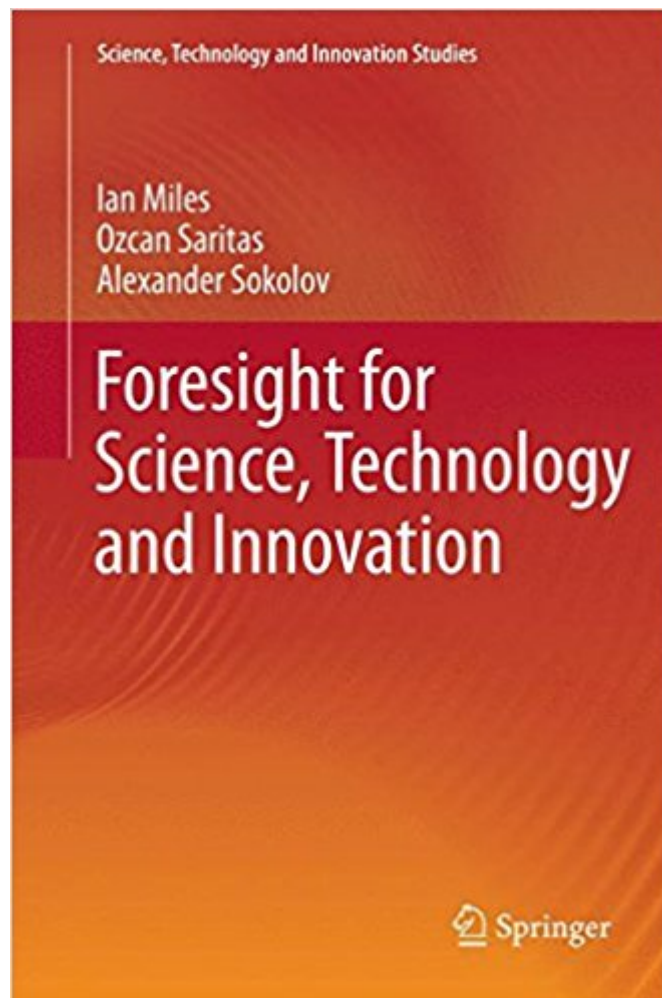




Ebook Directory
the best source of ebook

The book was found

Foresight For Science, Technology And Innovation (Science, Technology And Innovation Studies)



Synopsis

Decision-makers at all levels are being confronted with novel complexities and uncertainties and face long-term challenges which require foresight about long-term future prospects, assumptions, and strategies. This book explores how foresight studies can be systematically undertaken and used in this context. It explicates why and how methods like horizon scanning, scenario planning, and roadmapping should be applied when dealing with high levels of uncertainty. The scope of the book moves beyond "narrow" technology foresight, towards addressing systemic interrelations between social, technological, economic, environmental, and political systems. Applications of foresight tools to such fields as energy, cities, health, transportation, education, and sustainability are considered as well as enabling technologies including nano-, bio-, and information technologies and cognitive sciences. The approaches will be illustrated with specific actual cases.

Book Information

Series: Science, Technology and Innovation Studies

Hardcover: 270 pages

Publisher: Springer; 1st ed. 2016 edition (August 30, 2016)

Language: English

ISBN-10: 3319325728

ISBN-13: 978-3319325729

Product Dimensions: 6.1 x 0.7 x 9.2 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,915,200 in Books (See Top 100 in Books) #45 in Books > Engineering & Transportation > Engineering > Reference > Research #767 in Books > Business & Money > Processes & Infrastructure > Operations Research #907 in Books > Textbooks > Social Sciences > Political Science > Public Affairs

Customer Reviews

Decision-makers at all levels are being confronted with novel complexities and uncertainties and face long-term challenges which require foresight about long-term future prospects, assumptions, and strategies. This book explores how foresight studies can be systematically undertaken and used in this context. It explicates why and how methods like horizon scanning, scenario planning, and roadmapping should be applied when dealing with high levels of uncertainty. The scope of the

book moves beyond “narrow” technology foresight, towards addressing systemic interrelations between social, technological, economic, environmental, and political systems. Applications of foresight tools to such fields as energy, cities, health, transportation, education, and sustainability are considered as well as enabling technologies including nano-, bio-, and information technologies and cognitive sciences. The approaches will be illustrated with specific actual cases.

Ian Miles is Head of the Laboratory of Economics of Innovation at Institute for Statistical Studies and Economics of Knowledge, National Research University - Higher School of Economics (HSE), Moscow, and Professor of Technological Innovation and Social Change at Manchester Institute of Innovation Research (MIIoR), Manchester Business School. He graduated in Psychology from the University of Manchester and received a higher Doctorate in Social Science from the same University. He previously worked at the Science Policy Research Unit, University of Sussex. His research includes studies of service innovation and knowledge-intensive business services, Foresight and futures studies, information technology innovation and social indicators. He has published 12 authored books, 12 edited books, 100 journal articles and over 200 reports and book chapters.

[Download to continue reading...](#)

Foresight for Science, Technology and Innovation (Science, Technology and Innovation Studies)
Thinking about the Future: Guidelines for Strategic Foresight
Fintech: Simple and Easy Guide to Financial Technology (Fin Tech, Fintech Bitcoin, financial technology fintech, Fintech Innovation, Fintech Gold, ... technology, equity crowdfunding) (Volume 1) FINTECH: Simple and Easy Guide to Financial Technology (Fin Tech, Fintech Bitcoin, financial technology fintech, Fintech Innovation, Fintech Gold, Financial services technology, equity crowdfunding)
Science and Technology in the Global Cold War (Transformations: Studies in the History of Science and Technology)
The Science of Science Policy: A Handbook (Innovation and Technology in the World E)
Simplifying Innovation: Doubling Speed to Market and New Product Profits with Your Existing Resources: Guided Innovation
What Customers Want: Using Outcome-Driven Innovation to Create Breakthrough Products and Services: Using Outcome-Driven Innovation to Create Breakthrough ... (Marketing/Sales/Advertising & Promotion)
Revolutionizing Innovation: Users, Communities, and Open Innovation (MIT Press)
The Innovation Expedition: A Visual Toolkit to Start Innovation
Emergency Care (21st Century Skills Innovation Library: Innovation in Medicine)
Simulating Innovation: Computer-Based Tools for Rethinking Innovation
The Public Sector R&D Enterprise: A New Approach to Portfolio Valuation (Science, Technology, and Innovation Policy)
Introduction to

Nanoscale Science and Technology (Nanostructure Science and Technology) Advances in Corrosion Science and Technology: Volume 6 (Advances in Corrosion Science & Technology) Holt Science & Technology: Microorganisms, Fungi, and Plants Course A (Holt Science & Technology [Short Course]) Advances in Nuclear Science and Technology: Volume 22 (Advances in Nuclear Science & Technology) Blockchain: Step By Step Guide To Understanding The Blockchain Revolution And The Technology Behind It (Information Technology, Blockchain For Beginners,Bitcoin, Blockchain Technology) Iron Coffin: War, Technology, and Experience aboard the USS Monitor (Johns Hopkins Introductory Studies in the History of Technology) The Machine in the Nursery: Incubator Technology and the Origins of Newborn Intensive Care (Johns Hopkins Studies in the History of Technology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)