1. Record Nr. UNINA9910725089903321 Autore Popkova Elena G Titolo Smart Green Innovations in Industry 4.0 for Climate Change Risk Management / / edited by Elena G. Popkova Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2023 **ISBN** 9783031284571 9783031284564 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (632 pages) Collana Environmental Footprints and Eco-design of Products and Processes, . 2345-766X Disciplina 658.4083 Soggetti Internet of things Financial risk management Bioclimatology Sustainability Environmental economics Internet of Things Risk Management Climate Change Ecology **Environmental Economics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Eco-design and Quality Certification in Implementing Smart Green Innovations for Maximizing Their Contribution to Combating Climate Change -- Tourism, Environment, and Sustainability -- The Environmental Component of Sustainable Socio-Economic Development -- Capabilities of Business Analysis in Developing Data-driven Decision Solutions -- A Smart Approach to In-house Analytics and Business Management 4.0 -- Business Management in the Context of the Sustainable Development Paradigm -- Study of the Potential of Public-

Private Partnership Mechanisms in Projects of Smart Environmental Modernization of Residential Infrastructure -- Models of Concession and Public-private Partnership as an Effective Tool for Achieving the Goals of Sustainable Development of the Region in the Digital Economy

-- Protectionism and Technological Development: The Green Agenda
-- Investment Risks of a Depressed Region in the Context of the
Sustainable Development Paradigm -- Key Aspects of Sustainable
Business Model Innovation -- Synergetic Approach in Public
Administration -- Advanced Climate-smart Technology as the Basis for
the Activities of Green Entrepreneurship in the Digital Economy
Markets.

## Sommario/riassunto

This book is devoted to strengthening the theoretical and methodological basis, systematization of international experience, and scientific elaboration of prospects for developing a climate-smart economy and business as a vector of the sustainable development of Industry 4.0 in the Decade of Action. The first part of the book focuses on climate-responsible entrepreneurship in support of the sustainable development of Industry 4.0. The part systematizes best practices for climate-smart green innovations across sectors of the digital economy. The third part reveals the experience of climate risk management based on smart green innovations in regions and countries. Particular attention is paid to the best practices of the European Union (EU) and the Eurasian Economic Union (EAEU). The book ends with part four, which explores ESG climate risk management and green finance in support of combating climate change. The book's novelty is that it rethinks the environmental footprints of Industry 4.0 from the perspective of climate risks and their management. The theoretical significance of the book lies in the formation of an innovative concept of climate change risk management, in which the economy, society. nature, and technology are presented and interact effectively. The book is intended for scientists. In this book, they will find an innovative and systemic vision of smart green innovations in Industry 4.0 for climate change risk management. .