Record Nr. UNINA9910453018103321 **Titolo** Governing uncertainty: environmental regulation in the age of nanotechnology / / edited by Christopher J. Bosso Pubbl/distr/stampa Washington, D.C.:,: RFF Press,, 2010 **ISBN** 1-280-87352-3 9786613714831 1-136-52781-8 1-136-52780-X 1-936331-05-5 Descrizione fisica 1 online resource (175 p.) Altri autori (Persone) BossoChristopher J <1956-> (Christopher John) 620/.5 Disciplina Soggetti Nanoparticles - Environmental aspects Nanotechnology - Environmental aspects Nanotechnology Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Governing Uncertainty: Environmental Regulation in the Age of Nanotechnology: Copyright: CONTENTS: ACKNOWLEDGMENTS: CONTRIBUTORS; FOREWORD: NANOTECHNOLOGY, RISK, AND GOVERNANCE; CHAPTER 1 POLICY CONSEQUENCES OF THE "NEXT INDUSTRIAL REVOLUTION"; CHAPTER 2 A WORLD OF ITS OWN?: Nanotechnology's Promise- and Challenges; CHAPTER 3 INSTITUTIONAL **EVOLUTION OR INTELLIGENT DESIGN?: Constructing a Regulatory** Regime for Nanotechnology; CHAPTER 4 ENGAGING BUSINESS IN THE REGULATION OF NANOTECHNOLOGY; CHAPTER 5 EPA AND NANOTECHNOLOGY: THE NEED FOR A GRAND BARGAIN? CHAPTER 6 NANOTECHNOLOGY AND THE EVOLVING ROLE OF STATE GOVERNANCECHAPTER 7 NANOTECHNOLOGY AND TWENTYFIRST-**CENTURY GOVERNANCE; INDEX** Sommario/riassunto Nanotechnology promises to transform the materials of everyday life. leading to smaller and more powerful computers, more durable plastics

and fabrics, cheap and effective water purification systems, more

efficient solar panels and storage batteries, and medical devices capable of tracking down and killing cancer cells or treating neurological diseases. Policy analysts predict a radical change in the industrial sector; at present, the U.S. government spends nearly 2 billion annually on nanotechnology research and development. Yet the nanotechnology revolution is not straightforward. Enthusiasm