

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910789888103321 |
| Titolo | The nanotechnology challenge : creating legal institutions for uncertain risks // edited by David A. Dana [[electronic resource]] |
| Pubbl/distr/stampa | Cambridge : , : Cambridge University Press, , 2012 |
| ISBN | 1-139-17946-2 1-107-22511-6 2-603-01248-7 1-107-44004-1 1-283-37850-7 9786613378507 1-139-18779-1 1-139-19038-5 1-139-18316-8 1-139-18548-9 0-511-98855-9 |
| Descrizione fisica | 1 online resource (viii, 429 pages) : digital, PDF file(s) |
| Classificazione | LAW000000 |
| Disciplina | 343/.0786205 |
| Soggetti | Nanostructured materials industry - Law and legislation Nanotechnology - Environmental aspects Nanotechnology - Economic aspects Risk perception |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from publisher's bibliographic system (viewed on 24 Feb 2016). |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | ; PART I : INTRODUCTION: The nanotechnology challenge / David A. Dana -- Five myths about nanotechnology in the current public policy debate : a science and engineering perspective / Kimberly A. Gray -- ; PART II : PUBLIC PERCEPTIONS OF NANOTECHNOLOGY RISKS: Public acceptance and the regulation of emerging technologies : the role of private politics / Daniel Diermeier -- How scientific evidence links attitudes to behaviors / James N. Druckman, Toby Bolsen -- ; PART III : MEETING THE NANOTECHNOLOGY CHALLENGE BY CREATING NEW LEGAL INSTITUTIONS: Toward risk-based, adaptive regulatory |

definitions / David A. Dana -- The missing market instrument : environmental assurance bonds and nanotechnology regulation / Douglas A. Kysar -- Conditional liability relief as an incentive for precautionary study / David A. Dana -- Transnational new governance and the international coordination of nanotechnology oversight / Gary E. Marchant ; [and others] -- Labeling the little things / Jonathan H. Adler -- Public nuisance : a potential common law response to nanotechnology's uncertain harms / Albert C. Lin -- Enlarging the regulation of shrinking cosmetics and sunscreens / Robin Fretwell Wilson -- Accelerating regulatory review / John O. McGinnis -- The ethical issues in nanotechnology : persons and polity / Laurie Zoloth -- ; PART IV : WHERE WE ARE NOW : THE CURRENT FRAMEWORK FOR NANOTECHNOLOGY REGULATION: An overview of the law of nanotechnology / Fern P. O'Brian -- Regulatory responses to nanotechnology uncertainties / Read D. Porter ; [and others].

Sommario/riassunto

Nanotechnology is the wave of the future, and has already been incorporated into everything from toothpaste to socks to military equipment. The safety of nanotechnology for human health and the environment is a great unknown, however, and no legal system in the world has yet devised a way to reasonably address the uncertain risks of nanotechnology. To do so will require creating new legal institutions. This volume of essays by leading law scholars and social and physical scientists offers a range of views as to how such institutions should be formed. It is essential reading for anyone who may wonder how we can continue to innovate technologically in a way that both delivers the benefits and sustains human health and the environment.
