

1. Record Nr.	UNINA9910812268103321
Titolo	The ELSI handbook of nanotechnology : risk, safety, ELSI and commercialization // edited by Chaudhery Mustansar Hussain, Department of Chemistry and Environmental Science, New Jersey Institute of Technology, Newark, N J.,US
Pubbl/distr/stampa	Beverly, Massachusetts ; ; Hoboken, New Jersey : , : Scrivener Publishing : , : Wiley, , [2020] ©2020
ISBN	1-119-59296-8 1-119-59299-2 1-119-59301-8
Descrizione fisica	1 online resource (483 pages)
Disciplina	620.5
Soggetti	Nanotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	"This Handbook focuses on the recent advancements in Safety, Risk, Ethical Society and Legal Implications (ESLI) as well as its commercialization of nanotechnology, such as manufacturing. Nano is moving out of its relaxation phase of scientific route, and as new products go to market, organizations all over the world, as well as the general public, are discussing the environmental and health issues associated with nanotechnology. Nongovernmental science organizations have long since reacted; however, now the social sciences have begun to study the cultural portent of nanotechnology. Societal concerns and their newly constructed concepts, show nanoscience interconnected with the economy, ecology, health, and governance. This handbook addresses these new challenges and is divided into 7 sections: Nanomaterials and the Environment; Life Cycle Environmental Implications of Nanomanufacturing; Bioavailability and Toxicity of Manufactured Nanoparticles in Terrestrial Environments; Occupational Health Hazards of Nanoparticles; Ethical Issues in

