

1. Record Nr.	UNINA9910135019103321
Titolo	Engineered nanoparticles and the environment : biophysicochemical processes and toxicity / / edited by Baoshan Xing, Chad D. Vecitis, Nicola Senesi
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2016 ©2016
ISBN	1-119-27584-9 1-119-27583-0 1-119-27585-7
Descrizione fisica	1 online resource (xiii, 484 pages, 8 unnumbered pages of plates) : illustrations (some colour)
Collana	Wiley Series Sponsored by IUPAC in Biophysico-Chemical Processes in Environmental Systems
Disciplina	615.902
Soggetti	Nanoparticles - Toxicology Nanoparticles - Environmental aspects Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Challenges facing the environmental nanotechnology research enterprise / Stacey M. Louie, Amy L. Dale, Elizabeth A. Casman and Gregory V. Lowry -- Engineered nanoparticles for water treatment application / Jeehye Byun and Cafer T. Yavuz -- Mass spectrometric methods for investigating the influence of surface chemistry on the fate of core-shell nanoparticles in biological and environmental samples / S. GokhanElci, Alyssa L. M. Marsico, Yuqing Xing, Bo Yan and Richard W. Vachet -- Separation and analysis of nanoparticles (NP) in aqueous environmental samples / Ralf Kaegi -- Nanocatalysts for groundwater remediation / Kimberly N. Heck, Lori A. Pretzer and Michael S. Wong -- Properties, sources, pathways and fate of nanoparticles in the environment / Yon Ju-Nam and Jamie Lead -- Environmental exposure modeling methods for engineered nanomaterials / Niall J. O'Brien and Enda J. Cummins -- Aggregation kinetics and fractal dimensions of nanomaterials in environmental systems / Navid B. Saleh, A.R.M. Nabiul

Afroz, Nirupam Aich and Jaime Plazas-Tuttle -- Adsorption of organic compounds by engineered nanoparticles / Bo Pan and Baoshan Xing -- Sorption of heavy metals by engineered nanomaterials / Gangfen Miao, Kun Yang and Daohui Lin -- Emission, transformation and fate of nanoparticles in the atmosphere / Prashant Kumar and Abdullah N. Al-Dabbous -- Nanoparticle aggregation and deposition in porous media / Yao Xiao and Mark R. Wiesner -- Interfacial charge transfers of surface-modified TiO₂ nanoparticles in photocatalytic water treatment / Hyunwoong Park -- Chemical transformations of metal, metal oxide, and metal chalcogenide nanoparticles in the environment / T.R. Kuech, R.J. Hamers and J.A. Pedersen -- Fate, behavior and biophysical modeling of nanoparticles in living systems / Emppu Salonen, Feng Ding and Pu Chun Ke -- Subchronic inhalation toxicity study in rats with carbon nanofibers : need for establishing a weight-of-evidence approach for setting no observed adverse effect levels (NOAELs) / D.B. Warheit, K.L. Reed and M.P. DeLorme -- Toxicity of manufactured nanomaterials to microorganisms / Yuan Ge, Allison M. Horst, Junyeol Kim, John H. Priester, Zoe S. Welch and Patricia A. Holden -- Toxicity of engineered nanoparticles to fish / Wei Liu, Yanmin Long, Nuoya Yin, Xingchen Zhao, Cheng Sun, Qunfang Zhou and Guibin Jiang -- Toxicity of engineered nanoparticles to aquatic invertebrates / Denisa Cupi, Sara N. Sorensen, Lars M. Skjolding and Anders Baun -- Effects and uptake of nanoparticles on plants / Arnab Mukherjee, Jose R. Peralta-Videa, Jorge Gardea-Torresdey and Jason C. White -- Feasibility and challenges of human health risk assessment for engineered nanomaterials / Karin Aschberger, Frans M. Christensen, Kirsten Rasmussen and Keld A. Jensen -- Ecotoxicological risk of engineered nanomaterials (ENMs) for the health of the marine environment / Xiaoshan Zhu, Shengyan Tian, Chao Wang, Lihong Zhao, Jin Zhou and Zhonghua Cai.

Sommario/riassunto

Details the source, release, exposure, adsorption, aggregation, bioavailability, transport, transformation, and modeling of engineered nanoparticles found in many common products and applications * Covers synthesis, environmental application, detection, and characterization of engineered nanoparticles * Details the toxicity and risk assessment of engineered nanoparticles * Includes topics on the transport, transformation, and modeling of engineered nanoparticles * Presents the latest developments and knowledge of engineered nanoparticles * Written by world leading experts from prestigious universities and companies.

2. Record Nr.	UNINA9910477124903321
Autore	Cattedra Raffaele
Titolo	Exister et resister dans les marges urbaines : Les villes du Bassin mediterraneen // Raffaele Cattedra, [and many others]
Pubbl/distr/stampa	Brussels, Belgium : , : Editions de l'Universite de Bruxelles, , 2021
Descrizione fisica	1 online resource (320 pages)
Disciplina	307.76091822
Soggetti	Sociology, Urban Urban poor Inner cities
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Essential book for those who question the political dimension of the widening social and spatial inequalities. Based on in-depth fieldwork, it delivers a detailed analysis of the mechanisms of marginalization, their effects and the resistance of the inhabitants, in working-class neighborhoods of cities in the Mediterranean Basin.