

1. Record Nr.	UNINA9910791830903321
Titolo	Safe nanotechnology [[electronic resource] /] / Arthur J. Cornwelle, editor
Pubbl/distr/stampa	Hauppauge, NY, : Nova Science, 2009
ISBN	1-61761-849-7
Descrizione fisica	1 online resource (93 p.)
Collana	Nanotechnology science and technology series
Altri autori (Persone)	CornwelleArthur J
Disciplina	620.5
Soggetti	Nanotechnology - Safety measures Nanostructured materials industry - Safety measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Developed by the National Institute for Occupational Safety and Health.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""SAFE NANOTECHNOLOGY""; ""SAFE NANOTECHNOLOGY ""; ""CONTENTS""; ""DIRECTORa€™S MESSAGE""; ""EXECUTIVE SUMMARY ""; ""POTENTIAL HEALTH CONCERNS""; ""POTENTIAL SAFETY CONCERNS ""; ""WORKING WITH ENGINEERED NANOMATERIALS ""; "" EXPOSURE ASSESSMENT AND CHARACTERIZATION ""; ""PRECAUTIONARY MEASURES ""; ""OCCUPATIONAL HEALTH SURVEILLANCE""; ""INTRODUCTION ""; ""INTENT AND PURPOSE""; ""SCOPE""; ""DESCRIPTIONS AND DEFINITIONS""; ""A. NANOPARTICLES""; ""B. ULTRAFINE PARTICLES ""; ""C. ENGINEERED NANOPARTICLES ""; ""D. NANOAEROSOL""; ""E. AGGLOMERATE ""; ""F. AGGREGATE""; ""POTENTIAL HEALTH CONCERNS ""</p> <p>""A. EXPOSURE ROUTES """"B. EFFECTS SEEN IN ANIMAL STUDIES""; ""PTFE Fume ""; ""Carbon Nanotubes""; ""C. OBSERVATIONS FROM EPIDEMIOLOGICAL STUDIES INVOLVING FINE AND ULTRAFINE PARTICLES ""; ""D. HYPOTHESES FROM ANIMAL AND EPIDEMIOLOGICAL STUDIES""; ""1. Exposure to Engineered Nanoparticles is Likely to Cause Adverse Health Effects Similar to Well-characterized Ultrafine Particles That Have Similar Physical and Chemical Characteristics""; ""2. Surface Area and Activity, Particle Number may be Better Predictors of Potential Hazard Than Mass ""; ""POTENTIAL SAFETY HAZARDS ""</p> <p>""A. FIRE AND EXPLOSION """"B. CATALYTIC REACTION""; ""GUIDELINES FOR WORKING WITH ENGINEERED NANOMATERIALS ""; ""A. POTENTIAL FOR OCCUPATIONAL EXPOSURE ""; ""B. FACTORS AFFECTING EXPOSURE</p>

TO NANOPARTICLES ""; ""EXPOSURE ASSESSMENT AND CHARACTERIZATION ""; ""A. MONITORING WORKPLACE EXPOSURES ""; ""Size-fractionated Aerosol Sampling ""; ""Real-time Aerosol Sampling ""; ""Surface Area Measurements ""; ""Particle Number Concentration Measurement ""; ""Surface Area Estimation ""; "" B. PROPOSED SAMPLING STRATEGY ""; ""EXPOSURE CONTROL PROCEDURES""; ""A. ENGINEERING CONTROLS "" ""Dust Collection Efficiency of Filters""""B. WORK PRACTICES ""; ""C. PERSONAL PROTECTIVE CLOTHING""; ""D. RESPIRATORS ""; ""E. CLEANUP AND DISPOSAL OF NANOMATERIALS ""; ""OCCUPATIONAL HEALTH SURVEILLANCE""; ""RESEARCH ""; ""CRITICAL RESEARCH TOPICS ""; ""REFERENCES""; ""ADDITIONAL RESOURCES""; ""INDEX ""

2. Record Nr.	UNINA9910791656903321
Autore	Mills Eric L. <1936->
Titolo	The fluid envelope of our planet : how the study of ocean currents became a science // Eric L. Mills
Pubbl/distr/stampa	Toronto, [Canada] ; ; Buffalo, [New York] ; ; London, [England] : , : University of Toronto Press, , 2009 ©2009
ISBN	1-4426-6360-X 1-4426-9774-1
Descrizione fisica	1 online resource (447 p.)
Disciplina	551.4609
Soggetti	Oceanography - History Oceanographers Biographies. History Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction : The fluid envelope of our planet -- The way of the sea : knowledge of oceanic circulation before the nineteenth century -- Groping through the darkness : the problem of deep ocean circulation

-- Boundaries built with numbers : making the ocean mathematical --
Evangelizing in the wilderness : dynamic oceanography comes to
Canada -- 'Physische Meereskunde' : from Germany to physical
oceanography in Berlin, 1900-1935 -- 'Decouverte de l'ocean' :
Monaco and the failure of French oceanography -- Slipping away from
Norway : dynamic oceanography comes to the United States -- Facing
the Atlantic and the Pacific : dynamic oceanography re-emerges in
Canada, 1930-1950 -- Studying The oceans and the oceans --
Appendix : Textbooks of physical oceanography.

Sommario/riassunto

A detailed and beautifully written account of the history of
oceanography, The Fluid Envelope of Our Planet is an engaging account
of the emergence of a scientific discipline.
