

1. Record Nr.	UNINA9910142554803321
Titolo	Environmental colloids and particles [[electronic resource]] : behaviour, separation and characterisation // edited by Kevin J. Wilkinson, Jamie R. Lead
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, NJ, : John Wiley & Sons Ltd, 2007
ISBN	1-280-73952-5 9786610739523 0-470-02433-X 0-470-02453-4
Descrizione fisica	1 online resource (707 p.)
Collana	IUPAC series on analytical and physical chemistry of environmental systems ; ; v. 10
Altri autori (Persone)	WilkinsonKevin J LeadJamie R
Disciplina	541.345 541/.345 577.14
Soggetti	Colloids Water chemistry Nanoparticles - Environmental aspects 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	Environmental colloids and particles : current knowledge and future developments -- Colloidal properties of submicron particles in natural waters -- Colloid-trace element interactions in aquatic systems -- Ultrafiltration and its application to sampling and characterization of aquatic colloids -- Characterization of aquatic colloids and macromolecules by field-flow fractionation -- Modern electrophoretic techniques for the characterization of natural organic matter -- Electrophoresis of soft colloids : basic principles and applications -- Strategies and advances in the characterisation of environmental colloids by electron microscopy -- Force microscopy and force measurements of environmental colloids -- Laser scanning microscopy for microbial flocs and particles -- Study of environmental systems by

means of fluorescence correlation spectroscopy -- Laser-induced breakdown detection -- Probing environmental colloids and particles with x-rays.

Sommario/riassunto

This text presents the current knowledge of environmental colloids and includes reviews of the current understanding of structure, role and behaviour of environmental colloids and particles, whilst focussing directly on aquatic systems and soils. In addition, there is substantial critical assessment of the techniques employed for the sampling, size fractionation and characterisation of colloids and particles. Chemical, physical and biological processes and interactions involving colloids are described, and particular attention is paid to quantitative approaches that take account of particle he

2. **Record Nr.**

UNINA9910701959803321

Autore

Frederick C. Paul

Titolo

Water-quality characteristics of urban storm runoff at selected sites in East Baton Rouge Parish, Louisiana, February 1998 through April 2002 [[electronic resource] /] / by C. Paul Frederick ; prepared in cooperation with the City of Baton Rouge and East Baton Rouge Parish

Pubbl/distr/stampa

Baton Rouge, La. : , : U.S. Dept. of the Interior, U.S. Geological Survey Denver CO : , : U.S. Geological Survey, Branch of Information Services [distributor], , 2003

Descrizione fisica

1 online resource (iv, 24 pages) : maps

Collana

Water-resources investigations report ; ; 03-4212

Soggetti

Runoff - Louisiana - East Baton Rouge Parish
Water quality - Louisiana - East Baton Rouge Parish

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Title from PDF t.p. (viewed on July 16, 2012)

Nota di bibliografia

Includes bibliographical references (pages 17-18).