1. Record Nr. UNINA9910704663303321

Titolo	Amending the Wild and Scenic Rivers Act to designate a segment of the Illabot Creek in Skagit County, Washington, as a component of the National Wild and Scenic Rivers System : report (to accompany H.R. 829) (including cost estimate of the Congressional Budget Office)
Pubbl/distr/stampa	[Washington, D.C.] : , : [U.S. Government Printing Office], , [2013]
Descrizione fisica	1 online resource (65 pages)
Collana	Report / 113th Congress, 1st session, House of Representatives ; ; 113-74
Soggetti	Wild and scenic rivers - Law and legislation - Washington (State) Wild and scenic rivers - Law and legislation Illabot Creek (Wash.) Washington (State) Washington (State) Illabot Creek
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on June 13, 2013). "May 17, 2013."

2. Record Nr. UNINA9910824178903321

Titolo	Nanomaterials for environmental protection / / edited by Boris I. Kharisov, Oxana V. Kharissova, H. V. Rasika Dias
Pubbl/distr/stampa	Hoboken, New Jersey : , : John Wiley & Sons, Inc., , 2014 ©2014
ISBN	1-118-84554-4 1-118-84553-6 1-118-84535-8
Descrizione fisica	1 online resource (594 p.)
Classificazione	TEC021000SCI026000
Disciplina	628.028/4
Soggetti	Sanitary engineering - Equipment and supplies Environmental protection - Equipment and supplies Water - Purification - Materials Nanostructured materials Nanofiltration
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 indexes.
Nota di contenuto	Appendix 1.B Ions (Oxides, Hydrides, Peroxides, and Hydroxides) Removed by Precipitation Due to the Alteration of Eh and pH in Groundwater by ZVMAppendix 1.C Half Reactions and Redox Potentials Associated with ZVM; References; Chapter 2 Nanostructured Metal Oxides for Wastewater Disinfection; 2.1 Introduction; 2.2 Photoactive Metal Oxides; 2.3 Kinetics and Reaction Mechanisms; 2.4 Visible Light Absorbing Semiconductors; 2.5 Slurries or Immobilized Photocatalyst; 2.6 TiO2 Particles and Nanotubes; 2.7 Photocatalysis on TiO2 Nanotubes; 2.8 Photoelectrocatalysis on TDN 2.9 Other Nanostructured Metal Oxides2.10 Conclusions; References; Chapter 3 Cu2O-Based Nanocomposites for Environmental Protection: Relationship between Structure and Photocatalytic Activity, Application, and Mechanism; 3.1 Introduction; 3.2 Structural Feature and Cu2O Modification; 3.3 Cu2O-Based Nanocomposites for Environmental Protection; 3.4 Conclusions and Outlook; Acknowledgments; References; Chapter 4 Multifunctional Nanocomposites for

Environmental Remediation; 4.1 Introduction; 4.2 Multifunctional Nanocomposites Development: From Fabrication to Processing
4.3 Characterization and Property Analysis of Multifunctional Nanocomposites4.4 Environmental Remediation through Multifunctional Nanocomposites; 4.5 Summary; References; Chapter 5 Nanomaterials for the Removal of Volatile Organic Compounds from Aqueous Solutions; 5.1 Introduction; 5.2 NMs for BTEX Removal; 5.3 Nanomaterials for Chlorobenzene Removal; 5.4 NMs for Chlorinated Alkenes Removal; 5.5 NMs for Phenol Removal; 5.6 The Impact of NMs on VOC Removal by Other Processes; 5.7 Challenges in the Use of NMs for VOC Remediation; References
Chapter 6 Hybrid Metal Nanoparticle-Containing Polymer Nanofibers for Environmental Applications6.1 Introduction; 6.2 Challenges of Environmental Nanotechnology; 6.3 Electrospinning Technology; 6.4 Fabrication of Hybrid Metal NP-Containing Polymer Nanofibers; 6.5 Environmental Applications of Hybrid Metal NP-Containing Polymer Nanofibers; 6.6 Conclusions and Outlook; References; Chapter 7 Nanomaterials on the Basis of Chelating Agents, Metal Complexes, and Organometallics for Environmental Purposes; 7.1 Introduction; 7.2 Elemental Metals Functionalized with Chelating Ligands
7.3 N-Containing Ligands

Sommario/riassunto

"Provides an interdisciplinary approach to applying nanomaterials to disinfect water, air and soil while addressing possible environmental risks associated with nanoparticles. Remediation, toxicity, and nanoparticle structures are discussed"--