

1. Record Nr.	UNINA9910830717603321
Titolo	Biophysico-chemical processes of anthropogenic organic compounds in environmental systems [[electronic resource] /] / edited by Baoshan Xing, Nicola Senesi, Pan Ming Huang
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2011
ISBN	1-118-00211-3 1-283-05234-2 9786613052346 0-470-94447-1 0-470-94446-3
Descrizione fisica	1 online resource (594 p.)
Collana	Wiley-IUPAC series in biophysico-chemical processes in environmental systems
Altri autori (Persone)	XingBaoshan SenesiN (Nicola) HuangP. M
Disciplina	628.5
Soggetti	Environmental chemistry Bioorganic chemistry Anthropogenic soils
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	pt. 1. Funamental biophysico-chemical processes of anthropogenic organic compounds in the environment -- pt. 2. Anthropogenic organic compounds in air, water, and soil, and their global cycling -- pt. 3. Analytical techniques -- pt. 4. Restoration of natural environments contaminated by organic pollutants.
Sommario/riassunto	In contrast to the classical books which largely focus on separate, individual physicochemical and biological aspects, this book aims to integrate the frontiers of knowledge on the fundamentals and the impact of physicochemical and biological interactions and processes of AOCs in soil, sediment, water and air. The specific objectives of this book are to address: (1) fundamental biophysico-chemical processes of AOCs in the environment, (2) occurrence and distribution of AOCs in air, water, and soil, and their global cycling, (3) the state-of-the-art

