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Titolo Bioremediation: a sustainable approach to preserving earth's water / /

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Nota di contenuto Green chemistry and its applications in water remediation / S. Atalay,

G. Ersoz, and Sanjay K. Sharma -- Share of bioremediation in research journals: a bibliometric study / Hasan Demir and Sanjay K. Sharma -- Biofunctionalized adsorbents for treatment of industrial effluents / P. Banerjee, A. Mukhopadhyay, and P. Das -- Applications of biosorption in heavy metals removal / F. E. Soetaredjo, S. P. Santoso, L Laysandra,

K. Foe, and S. Ismadji -- Biodegradation of synthetic dyes in

wastewaters / S. Ortiz-Monsalve and M. Gutterres -- The cross-talk between bioremediation and valuation of residues of the olive-oil production chain / Ana Filipa Domingues, Ines Correia Rosa, Ruth Pereira, and Joana Luisa Pereira -- Applications of biosorption in dyes removal / Jacqueline Benvenuti, Santiago Ortiz-Monsalve, Bianca Mella,

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Sommario/riassunto

removal of polyaromatic hydrocarbons from water / S. R. Barman, A. Mukhopadhyay, and P. Das

"Bioremediation: A Sustainable Approach to Preserving Earth's Water discusses the latest research in green chemistry practices and principles that are involved in water remediation and the quality improvement of water. The presence of heavy metals, dyes, fluoride, dissolved solids and many other pollutants are responsible for water pollution and poor water quality. The removal of these pollutants in water resources is necessary, yet challenging. Water preservation is of great importance globally and researchers are making significant progress in ensuring this precious commodity is safe and potable. This volume illustrates how bioremediation in particular is a promising green technique globally"--