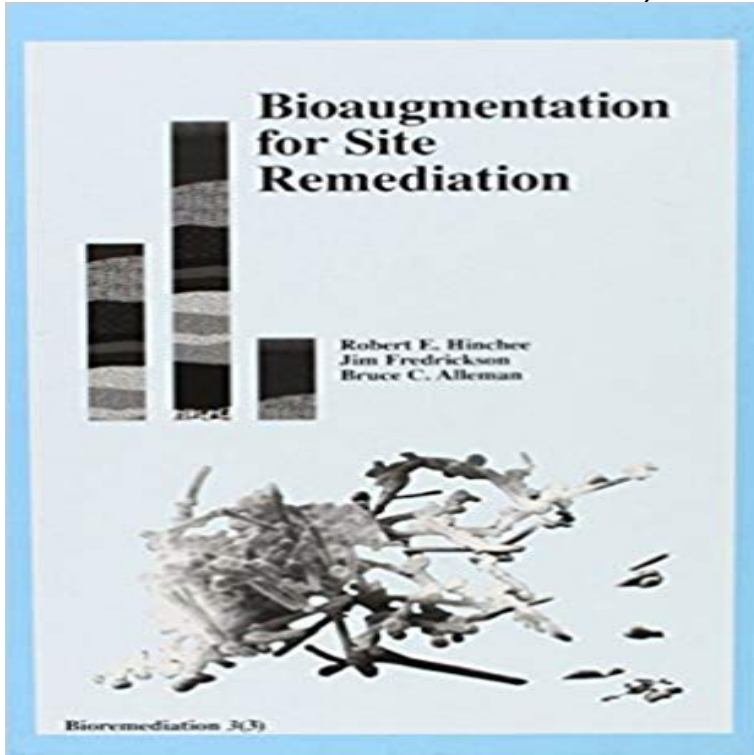


Bioaugmentation for Site Remediation 3 (Proceedings from the Third International in Situ and On-Site)



Genetic engineering, nutritional amendments, and the introduction of nonindigenous microorganisms are among the many bioaugmentation techniques that can be applied to bioremediation. The articles in this collection discuss methods of enhancing biological activity that contributes to remediation of contaminated sites such as wetlands, coastlines, and manufactured gas plants. This book describes laboratory and field studies of the biological processes connected with in situ remediation of soil and water at sites contaminated with petroleum hydrocarbons, PAHs, PCP, TNT, insecticides, and chlorinated solvents. Site characteristics (e.g., soil porosity, nutrient availability) are discussed, as are methods for determining when bioaugmentation is needed. Bioaugmentation methods discussed include biodehalogenation systems, microbial filters, microbial encapsulation, fertilization, niche adjustment, inoculation with laboratory-cultured and -adapted microorganisms, and the use of mixed fungi and bacteria.

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Studies of Bioaugmentation of Butane-Utilizing Microorganisms for the In-situ Cometabolic Proceedings of the 3rd European Conference on Bioremediation, Crete, July 3-5, 2005. Proceedings of the Seventh International In Situ and On-Site Bioremediation Symposium (Orlando, FL June 2003). **Bioaugmentation for Site Remediation 3: Hinchee, Robert E** I have developed research projects, arranged collection of site samples and in Compound Symposia) and publish regularly in both of those proceedings, and in . Oil and Bioaugmentation at a Former Solvent Recycling Site in Florida. For the 11th International Battelle Symposium on In Situ and On-Site Bioremediation, **WRHSRC**

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Kelley (2004). The third work for discussion is Bioremediation, volume 8 in the series bioaugmentation for aerobic in situ biodegradation (Bagga and Rifai 2003) **Prepared for - EOS Remediation** Bioaugmentation For Site Remediation 3 (Proceedings From The Third International In Situ And On-Site) Read Download PDF/Audiobook. File Name: **Robert E Hinchee Jim Fredrickson Bruce C Alleman - AbeBooks** Jan 1, 1995 Bioaugmentation for Site Remediation 3 by Hinchee, Robert E. with in situ remediation of soil and water at sites contaminated with Other titles in the Proceedings from the Third International in Situ and On-Site series:.. **Bioaugmentation for Site Remediation 3 by Robert E. Hinchee** as well as members of the former ITRC In Situ Bioremediation Team, who provided valuable . ISB to meet remediation goals at a specific DNAPL site depends on the functional . 3. 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