DESCRIPTION

"Because of its dynamic nature, labile organic matter is a key player in terrestrial and aquatic ecosystems. Editors Zhongqi He and Fengchang Wu include contributions from more than 30 senior researchers and innovative junior investigators from six countries. With issue-oriented comprehensive reviews and problem-solving case studies, this collection brings together soil and aquatic scientists to provide a comprehensive understanding for managing the sources and fates of labile organic matter. A timely synthesis of recent research, this collection illustrates the remarkable range of advanced techniques and approaches for labile organic matter research. This book will serve as a valuable reference for university faculty, graduate students, soil scientists, ecologists, limnologists, marine scientists, environmental scientists, agricultural engineers, and any who work with various aspects of labile organic matter in the environment."

ABOUT THE AUTHOR

Zhongqi He is a Research Chemist at the USDA-ARS, Southern Regional Research Center, in New Orleans, Louisiana. For the past 20+ years, Dr. He conducted research on the applied and environmental chemistry of agricultural products, byproducts, and plant nutrients. Dr. He has made outstanding contributions in quality and utilization of agricultural products and byproducts, the impacts of short- and long-term manure and agricultural byproducts application on soil nutrient status, and characterization of P and C bondings in agricultural products and plant nutrients by advanced spectroscopic techniques.
Fengchang Wu is a professor and Director of the State Key Laboratory of Environmental Criteria and Risk Assessment of Chinese Research Academy of Environmental Sciences, Ministry of Environmental Protection, China. For the past 20+ years, Dr. Wu has researched and taught the biogeochemistry and toxicology for lake pollution control and environmental quality. His current research focuses on freshwater eutrophication and pollution reduction at the interface of the environment, technology, and society. Dr. Wu has made significant contributions to the development and applications of lake environmental quality standards, risk management, environmental engineering, and policy.

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