

This book presents recent scientific investigations in microbial ecology and systematics. Advanced microbial science investigations employ the latest technologies for research in microbiology and microbial applications. The book has complete information on classical microbiology techniques for assessment of the composition of microbial diversity assessment, advancement in next-generation technology, advantages of microbial products in sustainable developments and their application for societal benefits. Current research on microorganisms is presented as a perfect book for studies on "Microbial Systematics". This book will serve as an important resource for practising research and review for the scientific community.

Dr. Bhagwan Rekadwad is a keen microbiologist and has expertise in Nucleic Acid Research, Origin of Life, Extremophiles, Microbial Ecology, Metagenomics and Bioinformatics. He has been a Horizon-2020 Expert Evaluator since 2014. Dr. Rekadwad serves as an Editor for the journals *Data in Brief* and *MethodsX* and regularly serves as a Subject Expert on grant panel review boards both nationally and internationally. He has published papers in scientific journals published by Springer Nature and Elsevier.



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