

Objective Environmental Studies and Disaster Management

M. Prasanthrajan

A. Balasubramanian

This book is intended for the preparation of competitive examination and will be highly useful for the students undergoing the course Environmental Studies and Disaster Management. This book is intended to give easy readability, and it covers almost all the sub sect of Environmental Science and Disaster Management.



Dr. M. Prasanthrajan, Associate Professor of Environmental Science is working at Tamil Nadu Agricultural University. He has rich experience in the field of pollution, solid waste management, lake clean up and urban air pollution control. He has undergone special training in the field of nanotechnology for environmental cleanup at University of California, Riverside, USA. He has obtained seven awards and visited USA, Singapore, Thailand and Indonesia to share his research experience to the international arena.



Dr. A. Balasubramanian, Professor of Forestry is working at Forest College and Research Institute, Tamil Nadu Agricultural University, Mettupalayam. He is handling courses related to silviculture, forest ecology, biodiversity and climate change for under graduate, post graduate and doctoral degrees in Forestry and Agriculture. He has published 6 books and more than 150 research articles. He has visited 15 countries and having strong research collaboration with Japan, Canada and United States.


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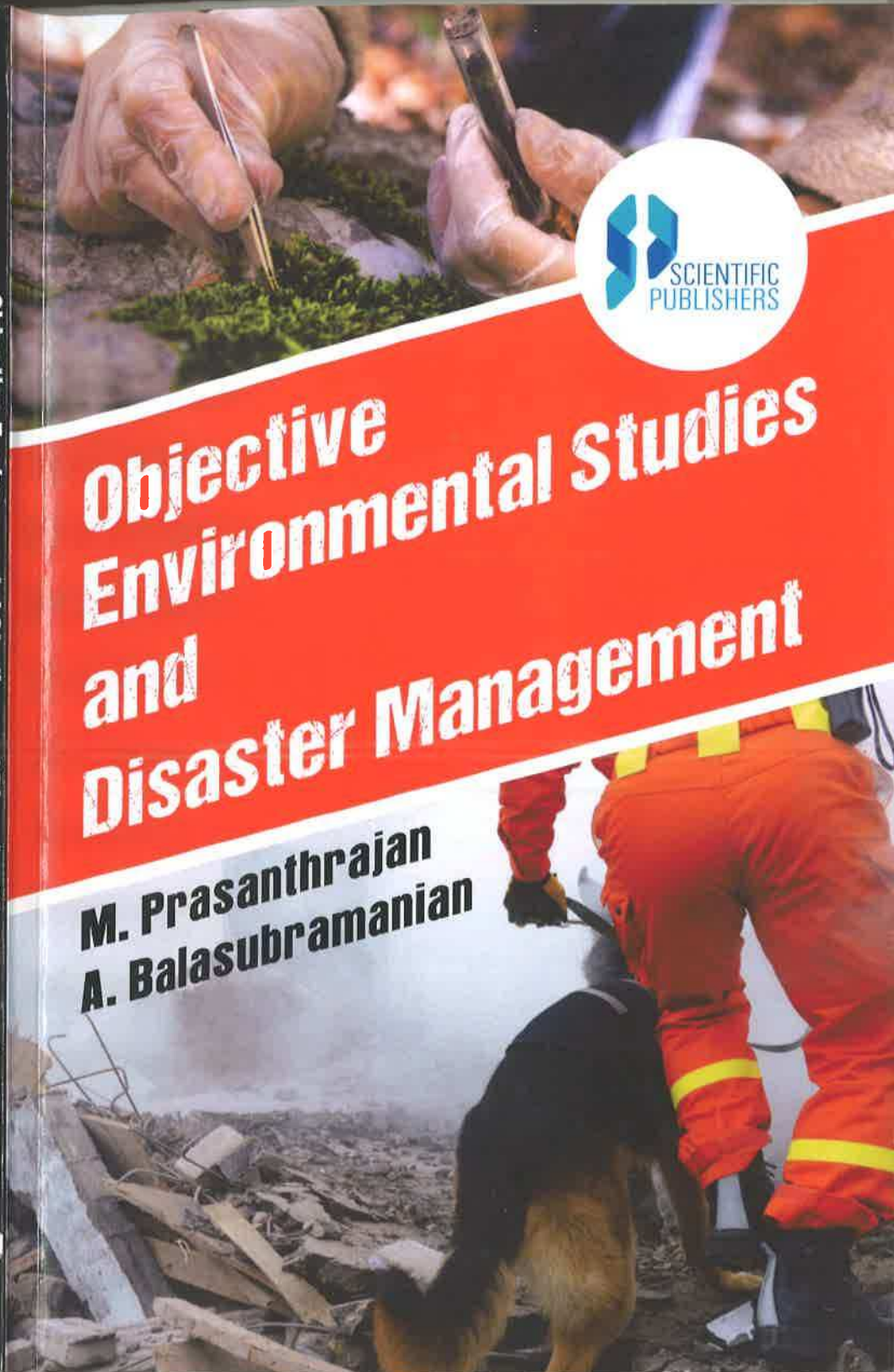


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About the Authors



Dr. M. Prasanthrajan is presently working as an Associate Professor (Environmental Sciences) at Forest College and Research Institute, Tamil Nadu Agricultural University, Mettupalayam, Coimbatore, Tamil Nadu. He has handled Under Graduate, Post Graduate and Ph.D. courses in the field of Environmental Sciences to the Agriculture, Horticulture, Forestry, Agricultural Engineering, Agriculture Information Technology students of Tamil Nadu Agricultural University. He has been trained in the field of Application Nanoparticles for environmental cleanup at University of California, Riverside, USA. He has published 45 research papers in peer reviewed National and International journals. He has obtained seven awards including two international travel grants. Dr. Prasanthrajan has visited Singapore, Thailand and Indonesia to share his research experience to the international arena. At present Dr. Prasanthrajan is developing biofloaters for lake cleanup and screening native tree species for controlling urban air pollution using mobile ambient air quality monitor.



Dr. A. Balasubramanian is presently working as a Professor and Head, Department of Silviculture, Forest College and Research Institute, Tamil Nadu Agricultural University, Mettupalayam. He worked at different capacities for past 20 years. He has rich experience in forestry research and has handled more than 21 research projects with the total budget of more than 05.00 crores. He is handling courses related to silviculture, forest ecology and biodiversity, forest and climate change for under graduate, post graduate and doctoral degrees in Forestry and Agriculture. He has published 6 books, more than 150 research articles. He has visited about 15 countries and have strong research collaboration with Japan, Canada and United States. He has established modern research facilities for forestry research in his institute including mobile van based continuous ambient air quality monitoring system (CAAQMS) and precision tree farming. He has guided over 25 students in M.Sc. (Forestry) as well as Ph.D. (Forestry) research. Dr. Balasubramanian has awarded with more than 15 awards and honors at national and international level for his achievements in forestry research and education.

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Preface

Plan of writing a competitive guide with objective type questions in the field of Environmental Science sparked in my mind well early in the year 2001 during my masters. By the time when I was preparing for UGC-CSIR junior research fellowship, I struggled to collect notes, found myself difficult in selecting an appropriate book for preparation, and in fact I was looking for all the information in one book, but it went in vein. I have started collecting notes from books, journals and through internet, started scribbling hints in papers, papers got accumulated as days gone and Obviously I have to secure them in a file with a bundle of papers, I have done that. Upon striking the UGC fellowship for the first time in the Department of Environmental Sciences, TNAU, Coimbatore during the year 2001, I have received more appreciation and motivation from almost all the faculty of my department that set the platform to do something for my fellow junior friends in the department. So, I have started circulating the file containing collection of questions to my juniors in the Department of Environmental Science, TNAU, Coimbatore for preparing UGC, ICAR-NET/JRF examination. I have received good feedbacks from juniors upon their success, I have realized the importance of the file with the collection questions. After becoming an Assistant Professor (Environmental Sciences) during the year 2004, I have continued to add more questions and circulated the file among my students. Gaining confidence and realizing the worthiness of the material, I thought it is the right time that the content in the file should come as a book for the benefit of students across the country. This book is intended to give easy readability, and it covers almost all the sub sect of Environmental Science and Disaster management.

Prasanthrajan, M

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