

PLANT-ASSISTED REMEDICATION

COLOUR REMOVAL FROM TEXTILE INDUSTRY

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Preface

Alhamdulillah, I would thank Allah S.W.T. for his blessing to ease all obstacles throughout the completion of this book. The writing of this book is an adaptation from a Doctor of Philosophy thesis entitled “*Phytoremediation of Dyes in Synthetic Textile Wastewater Using Aqua-Vegetative Plants (Scirpus grossus, Eleocharis ocrastachys and Azolla pinnata)*”. This book explores in detail the theoretical facts on the performances of plant-assisted remediation for dyes contaminated water. The contents of this book are very suitable for any party or individual who tends to utilise plants for remediation of water contaminated with dyes. Hopefully with the sharing of this knowledge opens the eyes of readers about the great potential of plants as an alternative treatment approach in treating contaminated water.

With this opportunity, we would like to thank our dear family members for their endless support and encouragement in completing this book. The highest appreciation goes to Faculty of Engineering and Built Environment for supporting us during the process of writing this book through Halim Razali Strategic Theory (HRST) Professional Expert. Our gratitude also goes to Prof. Dato’ Dr. Mushrifah Idris and grant (GUP-2022-022) which have contributed a lot on guidance and financially throughout the exploration and publication period.

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