

Principles and Practices of
Water
Management

S. C. Panda

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Preface

Human being depends on agriculture for food, clothing and shelter. After 50 years of independence, though India is self sufficient in food grain production, still in comparison with other developed nations its food grain productivity is very much less. The major reason could be attributed to the improper management of inputs and resources use. Water, being the most important resources and input its management is essential for achieving the target. So considerable emphasis is, therefore, placed for obtaining maximum, profitable production per unit of water from a unit of land in unit time.

Though a lot of books are available on this very subject, still the author feels the paucity of a complete book. This is a book containing all sorts of chapters including the farming and cropping systems. Though this book is primarily written to serve as a text/reference for students of agriculture in under graduate and post graduate levels and technologists in developing organisations, it is hoped that this book will be valuable for similar groups in the third world countries of Asia and Africa. This book will also serve as a valuable reference for the candidates preparing for Agricultural Research Services and other competitive examinations. Professional institutions in soil conservation and water technologies, Krishi Vigyan Kendras and rural institutions and similar other institutions would find this book very much helpful.

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Bhubaneswar

S.C. PANDA

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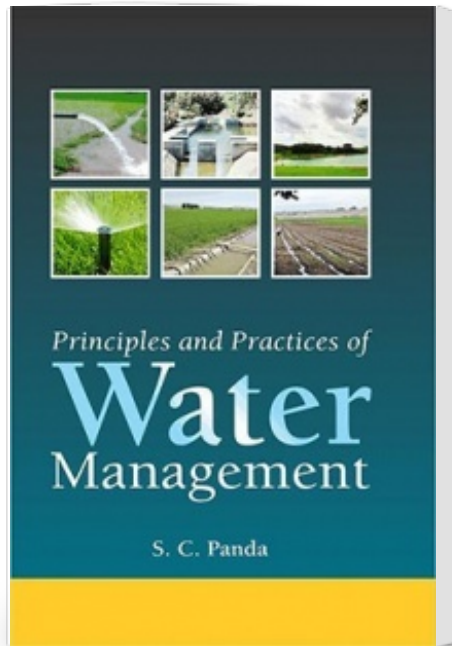
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