

INTRODUCTION TO **FORESTRY & AGROFORESTRY**

K.T. Parthiban • N. Krishnakumar • M. Karthick



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PREFACE

Forestry as a professional course has started its inception in 1985 under the consideration of Indian Council of Agricultural Research in order to create the professional man power needs of the country. This has attracted several State Agricultural Universities which resulted in the birth of exclusive forestry colleges and the professional B.Sc (Forestry) degree programme across the country. Similarly forestry and agroforestry as a subject of interest has been included in several undergraduate programmes of B.Sc (Agriculture), B.Sc (Horticulture), B.Sc (Sericulture), B.Sc (Botany), B.Sc (Environmental Science). These educational programme demanded comprehensive text books to cater to the educational needs of the graduating scholars. Hence the current book on *Introduction to Forestry and Agroforestry* has been conceived and presented with the - state of the art recent developments in forestry and agroforestry.

The book encompassed 19 chapter which ranges from basic aspects of forestry like Forests and Forestry, Forest Classification and Types, Forest Resources of Important Countries, The State of World's Forest, The State of Indian Forest, to Silviculture of Commercial Important Trees and Silvicultural Principles and Practices. Apart from the fundamental concepts book also incorporated the application oriented topics such as like Forest Utilization, Forest Mensuration, Agroforestry, Social Forestry, Joint forest management and Dendro Energy Resources. These subjects could help the graduating scholars in understanding the practical as well application oriented aspects of forestry. The incorporation of environmental aspects of forestry particularly global warming and carbon sequestration will help the scholars to acquaint the knowledge on environment. The sixteenth chapter on wood based industries shall give overall industrial participation in forestry sector. The inclusion of organizations involved forestry development and the important dates and events in forestry will extent all needed information to the scholars not only for academic purposes but also for all their competitive needs. The last chapter on Acts and Policies will be useful to the graduating scholars on the importance of legal and policy issues in forest management and conservation.

This book on *Introduction to Forestry and Agroforestry* has been designed not only for forestry graduates but also, for other graduates of Agriculture, Horticulture, Sericulture etc., to meet their academic and competitive examinations demands. The book will also act as a master piece of information for all the graduates and other stakeholders to meet the academic requirement besides satisfying the competitive examination requirement.

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M. Karthick

CONTENTS

1. **FORESTS AND FORESTRY** **1-14**
 - Definitions of terminologies
 - Historical background of forests
 - Objectives of forestry
 - Role of forests – Productive, Protective & Ameliorative
 - Reasons for declining forest cover

2. **FOREST CLASSIFICATION AND TYPES** **15-33**
 - Forest Types - Definition
 - Classification of forest
 - Regeneration
 - Age
 - Composition
 - Ownership
 - Object of Management
 - Growing stock
 - Classification of forest based on vegetation and climate
 - Factors influencing forest vegetation

3. **THE STATE OF WORLD'S FOREST** **34-49**
 - Geographical distribution of world forest
 - Classification of world forest
 - Productivity potential of world forest
 - Increment of world forest

4.	FOREST RESOURCES OF IMPORTANT COUNTRIES	50-84
	<ul style="list-style-type: none">• Forest resources and practices of world<ul style="list-style-type: none">○ Western Europe○ North America○ Central Africa○ Australia○ Central America○ Russia○ Japan○ China	
5.	THE STATE OF INDIAN FOREST	85-93
	<ul style="list-style-type: none">• Forest cover Measurement• State wise forest distribution• Growing stock of Indian forest	
6.	SILVICULTURE – PRINCIPLES AND PRACTICES	94-144
	<ul style="list-style-type: none">• Silvics and Silviculture• Objectives• Regeneration – Natural and artificial• Nursery technology• Silvicultural practices	
7.	SILVICULTURE OF COMMERCIALLY IMPORTANT TREES	145-163
	<ul style="list-style-type: none">• Eucalyptus• Casuarina• Teak• Ailanthus• Melia• Subabul• Sandal• Redsander• Kadam• Poplar	
8.	FOREST MENSURATION	164-180
	<ul style="list-style-type: none">• Definition	

- Objectives
 - Diameter Measurement
 - Height Measurement
 - Measurement of tree form
 - Volume estimation
9. **FOREST UTILIZATION - WOOD AND WOOD PRODUCTS** **181-207**
- Definition
 - Wood Product
 - Solid wood
 - Composite wood
 - Non-Wood Forest Products
 - Fibres,
 - Flosses,
 - Grasses
 - Bamboos and canes,
 - Tan,
 - Gums,
 - Dye,
 - Resin,
 - Oleoresin
 - Essential oils
 - TBOs
 - Animal Product
10. **AGROFORESTRY** **208-234**
- Definition
 - Classification and types
 - Agrisilviculture
 - Silvipasture
 - Agrisilvipasture
 - Other systems
 - Benefits and Limitation
 - Tree crop interaction
 - Above ground interaction
 - Below ground interaction
 - Nutrient cycling
 - Agroforestry systems for different ecological zones

- Industrial Agroforestry
 - National Agroforestry Policy, 2014
11. **SOCIAL FORESTRY** **235-247**
- Introduction
 - Objectives
 - Programmes
12. **JOINT FOREST MANAGEMENT (JFM)** **248-261**
- Introduction
 - History and evolution
 - Objectives
 - Programmes
 - JFM success Stories
 - Arabari experience
 - Behroonguda experience
13. **DENDRO ENERGY RESOURCES** **262-274**
- Definition
 - Use the Energy in Biomass
 - Sources of Dendro biomass (Raw materials)
 - Types of biomass power generation
 - Thermo chemical properties of important energy species
 - Benefits of dendro energy
14. **GLOBAL WARMING** **275-280**
- Introduction
 - Green House Gases
 - Causes and Effects
 - Impacts
 - Mitigation Measures
 - Adaptation Measures
15. **CARBON SEQUESTRATION** **281-294**
- Definition
 - Important Terminologies and Definitions
 - Kind of Sequestration
 - Methods of sequestration

	<ul style="list-style-type: none"> • C Sequestration potential of Natural forest <ul style="list-style-type: none"> ○ Global Carbon Stock ○ India's Carbon stock • C Sequestration potential of Agroforestry 	295-302
16.	FOREST BASED INDUSTRIES	
	<ul style="list-style-type: none"> • Major wood based industries • Wood demand for major industries • Wood production • Wood consumption • Raw material and species 	
17.	ORGANIZATIONS IN FORESTRY	303-323
	<ul style="list-style-type: none"> • National Organizations – <ul style="list-style-type: none"> ○ ANFPDC, FSI, ICFRE, AWBI, BSI, CAFRI, CZA, CSE, CRIDA, FRI, ICAR, IPIRTI, IGNFA, KFRI, NBA, NBW, NTCA, WCCB, ZSI, WTI • International Organizations <ul style="list-style-type: none"> ○ CIFOR, ITTO, World Agroforestry Centre (ICRAF), IUCN, WWF, IUFRO, INBAR, FSC, FAO, IPCC 	
18.	FORESTRY EVENTS / DATES	324-337
	<ul style="list-style-type: none"> • Important Events/Dates related to Forestry • Important Events / Dates related to environment • Themes and philosophy 	
19.	ACTS AND POLICIES	338-361
	<ul style="list-style-type: none"> • National Forest Policies – 1894, 1952, 1988 • Salient features • Important Acts in Indian Forests <ul style="list-style-type: none"> ○ IFA, 1927 and its amendments ○ WPA, 1972 and its amendments ○ FCA, 1980 and its amendments ○ EPA, 1986 and its amendments ○ Biodiversity Act, 2002 ○ Tribal Act, 2006 	
	ABBREVIATIONS	362-365
	REFERENCES	366-367