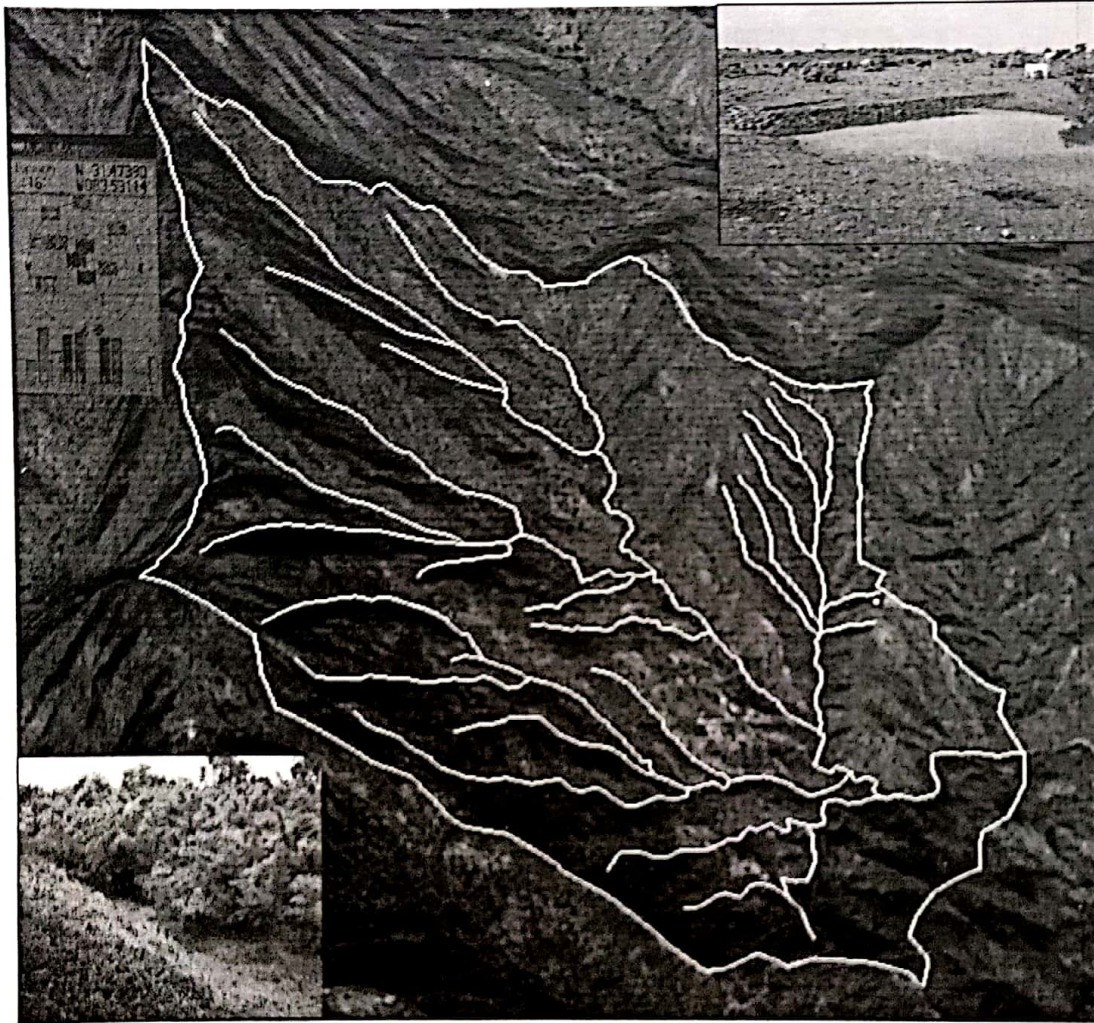


Training Manual
On
Watershed Treatment Technologies for
Sustainable Production



Compiled by: G.L. Bagdi & V.C. Pande

केन्द्रीय मृदा एवं जल संरक्षण अनुसंधान और प्रशिक्षण संस्थान
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Central Soil & Water Conservation Research & Training Institute
Research Centre, Vasad – 388306, Dist: Anand (Gujarat)

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PREFACE

Watershed management for sustainable production requires concurrent accomplishment of many tasks among which, proper planning, designing and execution of various watershed treatment technologies are very important. The quality of watershed development works however depends largely upon the quality of the field officers who plan, design and supervise it. They need to be trained in the tools and techniques of watershed delineation and planning using advanced tools like GIS, Remote sensing, and GPS, planning, designing and execution of various area treatment technologies, drainage line treatment technologies, vegetative and agronomic measures, participatory rural appraisal methods, community organization. In addition to that, the field functionaries need to be exposed to issues on socio economics and economic evaluation of the structures not only for cost effectiveness but also economic viability of the treatments. Central Soil and Water Conservation Research & Training Institute, Research Centre, Vasad, Gujarat has rich experience on various aspects of watershed treatment technologies for sustainable production since its inception in 1955. CSWCRTI, RC organizes several training programmes on watershed treatment technologies to personnel from State and Central Government Organizations, and NGOs who are working in watershed management.

We would like to express our sincere thanks to the Director, Central Soil and Water Conservation Research & Training Institute for his keen interest in organizing training programmes and preparing the training manual. We are also grateful to all the experts, who took pains to provide useful information in the lecture notes and delivered them to the participants during respective sessions. Last but not the least we thank all the staff of CSWCRTI, RC, Vasad who extended their help in conducting the training in general and bringing out this volume in particular.

G.L. Bagdi

V.C. Pande