Record Nr. UNINA9910457526003321 Autore Wani S. P (Suhas Pralhad), <1952-> Titolo Integrated watershed management in rainfed agriculture / / [Editors], Suhas P. Wani, Johan Rockstrom, Kanwar Lal Sahrawat Boca Raton:,: CRC Press,, 2011 Pubbl/distr/stampa 0-429-09609-7 **ISBN** 1-280-12132-7 9786613525185 1-4665-1282-2 0-415-89148-5 Descrizione fisica 1 online resource (490 p.) Altri autori (Persone) RockstromJohan SahrawatK. L Disciplina 631.5/86 Soggetti Dry farming Watershed management Dry farming - Economic aspects Agricultural productivity Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front Cover; Contents; Preface; Foreword; List of contributors; 1. Improving livelihoods in rainfed areas through integrated watershed management: A development perspective; 2. Watershed development as a growth engine for sustainable development of rainfed areas; 3. Watershed development for rainfed areas: Concept, principles, and approaches; 4. Equity in watershed development: Imperatives for property rights, resource allocation, and institutions; 5. Policies and institutions for increasing benefits of integrated watershed management programs 6. Application of new science tools in integrated watershed management for enhancing impacts7. Soil and water conservation for

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11. Impact of watershed projects in India: Application of various approaches and methods12. Watershed management through a resilience lens; 13. Impacts of climate change on rainfed agriculture and adaptation strategies to improve livelihoods; Colour plates

## Sommario/riassunto

This book provides a comprehensive presentation of the realization of improved rainfed agriculture yield in semi-arid and dry land areas. The incentive of watershed programs is to increase the return on investment with over 20% for 65% of the projects that are currently underperforming. Besides techniques to improve the livelihood of the many small-scale farmers in developing countries, it includes examples and case studies for further support. The methods discussed have recently shown to be successful and economically remunerative in India and in various African countries.Intended f