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| 1. Record Nr.           | UNINA9910778960203321   |
| Autore                  | Wani S. P (Suhas Pralhad), <1952->  |
| Titolo                  | Integrated watershed management in rainfed agriculture // [Editors],<br>Suhas P. Wani, Johan Rockstrom, Kanwar Lal Sahrawat   |
| Pubbl/distr/stampa      | Boca Raton : , : CRC Press, , 2011  |
| ISBN                    | 0-429-09609-7<br>1-280-12132-7<br>9786613525185<br>1-4665-1282-2<br>0-415-89148-5   |
| Descrizione fisica      | 1 online resource (490 p.)  |
| Altri autori (Persone)  | RockstromJohan<br>SahrawatK. L  |
| Disciplina              | 631.5/86  |
| Soggetti                | Dry farming<br>Watershed management<br>Dry farming - Economic aspects<br>Agricultural productivity  |
| 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<br>6. Application of new science tools in integrated watershed management for enhancing impacts<br>7. Soil and water conservation for optimizing productivity and improving livelihoods in rainfed areas; 8. Rainwater harvesting improves returns on investment in smallholder agriculture in Sub-Saharan Africa; 9. Management of emerging multinutrient deficiencies: A prerequisite for sustainable enhancement |

of rainfed agricultural productivity; 10. Increasing crop productivity and water use efficiency in rainfed agriculture

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

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**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

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