

1. Record Nr.	UNISA996466284103316
Titolo	Benchmarking, Measuring, and Optimizing [[electronic resource]] : First BenchCouncil International Symposium, Bench 2018, Seattle, WA, USA, December 10-13, 2018, Revised Selected Papers // edited by Chen Zheng, Jianfeng Zhan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-32813-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (267 pages) : illustrations
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 11459
Disciplina	690.80684
Soggetti	Application software Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	AI Benchmarking -- Cloud -- Big Data -- Modeling and Prediction -- Algorithm and Implementations.
Sommario/riassunto	This book constitutes the refereed proceedings of the First International Symposium on Benchmarking, Measuring, and Optimization, Bench 2018, held in Seattle, WA, USA, in December 2018. The 20 full papers presented were carefully reviewed and selected from 51 submissions. The papers are organized in topical sections named: AI Benchmarking; Cloud; Big Data; Modelling and Prediction; and Algorithm and Implementations.

2. Record Nr.	UNINA9910626103403321
Titolo	Conservation agriculture in subsistence farming : case studies from South Asia and beyond // edited by Catherine Chan and Jean Fantle-Lepczyk ; contributors, Adrian Ares [and twenty seven others]
Pubbl/distr/stampa	Oxfordshire, England ; ; Boston, Massachusetts : , : CAB International, , 2015 ©2015
ISBN	1-78924-388-2 1-78064-424-8
Descrizione fisica	1 online resource (278 p.)
Disciplina	631.4 631.45
Soggetti	Agricultural conservation - South Asia Soil conservation - South Asia Sustainable agriculture - South Asia
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 at the end of each chapters and index.
Nota di contenuto	Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond; Copyright; Contents; Contributors; Foreword; Preface; 1: A Brief History of Conservation Agriculture; 1.1 Introduction; 1.1.1 Reduced tillage; 1.1.2 Crop rotation and diversification; 1.1.3 Organic soil cover; 1.1.4 Integration of practices in CA systems; 1.2 Development of CA Around the World; 1.2.1 USA; 1.2.2 South America; 1.2.3 Africa; 1.2.4 South and Southeast Asia; 1.3 Lessons from History; References; 2: Global Perspectives on Conservation Agriculture for Small Households; 2.1 Introduction 2.1.1 Potential benefits of conservation agriculture 2.2 Constraints for Scaling Up Conservation Agriculture; 2.3 Sustainable Intensification; 2.4 Resilience; 2.5 Regional Perspectives; 2.5.1 Conservation agriculture in southern Africa; Benefits of CA in southern Africa; Constraints to the adoption of CA in southern Africa; A case of successful promotion of CA in southern Africa; Evolution of conservation agriculture in Monze, Zambia; 2.5.2 Conservation agriculture in Southeast Asia; Benefits of

CA in Southeast Asia; Conservation agriculture adoption constraints in Southeast Asia
Conservation agriculture case studies in Southeast Asia
2.6 Conclusions; References;
3: Potential of Conservation Agriculture Production Systems (CAPS) for Improving Sustainable Food and Nutrition Security in the Hill Region of Nepal; 3.1 Introduction; 3.1.1 Food and nutritional security in Nepal; 3.1.2 Nepal's agroecological condition; 3.1.3 Agriculture and food security; 3.1.4 Historical trends of crop yields and food balance in Nepal; 3.1.5 Intensification of hill agriculture and concerns for sustainability; 3.1.6 Soil degradation status in the hill region of Nepal
3.1.7 Conservation agriculture production systems (CAPS) as a method to increase productivity and enhance sustainability
3.2 On-farm Evaluation of CAPS; 3.2.1 Study villages; 3.2.2 Identification of suitable CAPS; 3.2.3 On-farm trial; 3.3 Results and Discussion; 3.3.1 Results of farm trials: crop yields under different CAPS; 3.3.2 Relating CAPS performances to food and nutritional security; 3.3.3 CAPS and stability of food security; 3.4 Conclusion; References
4: Effect of Tillage, Intercropping and Residue Cover on Crop Productivity, Profitability, and Soil Fertility under Tribal Farming Situations in Odisha, India
4.1 Introduction; 4.1.1 The need for resource-conserving agriculture; 4.1.2 Tribal farming situations in Odisha, India; 4.1.3 Definition and description of conservation agriculture; 4.2 Methodology; 4.2.1 Background; 4.2.2 Experimental design; 4.2.3 Soil sampling and analysis; 4.3 Results and Discussion; 4.3.1 Maize and cowpea yield response; 4.3.2 Mustard yield response; 4.3.3 Labor and profitability; 4.3.4 Soil fertility
4.4 Conclusions and Future Outlook

Sommario/riassunto

Conservation agriculture systems have long-term impacts on livelihoods, agricultural production, gender equity, and regional economic development of tribal societies in South Asia. This book presents South Asia as a case study, due to the high soil erosion caused by monsoon rainfall and geophysical conditions in the region, which necessitate conservation agriculture approaches, and the high percentage of people in South Asia relying on subsistence and traditional farming. The book takes an interdisciplinary approach to analyse systems at scales ranging from household to regional and national |

3. Record Nr.	UNINA9910785580703321
Autore	Heckman Charles W
Titolo	Encyclopedia of South American Aquatic Insects: Hemiptera - Heteroptera [[electronic resource]] : Illustrated Keys to Known Families, Genera, and Species in South America // by Charles W. Heckman
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2011
ISBN	1-283-11755-X 9786613117557 94-007-0705-3
Edizione	[1st ed. 2011.]
Descrizione fisica	1 online resource (690 p.)
Collana	Encyclopedia of South American Aquatic Insects, Illustrated Keys to Known Families, Genera, and Species in South America, , 2509-324X
Disciplina	595.7098 595.754098
Soggetti	Zoology Aquatic ecology Entomology Animal systematics Animal taxonomy Animal ecology Freshwater & Marine Ecology Animal Systematics/Taxonomy/Biogeography Animal Ecology
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	Introduction -- An appeal for quality in taxonomic work -- Scope of the work -- Acknowledgements -- Section 6: Hemiptera -- Key to the suborders -- Key to the infraorders of Heteroptera in South America -- 6.1 Morphology -- 6.2 Ecology -- 6.3 Preservation and examination -- 6.4 Zoogeography -- 6.5 Taxonomic problems -- 6.6 Suggestions for improvement -- 6.7 Keys to aquatic Heteroptera in South America.
Sommario/riassunto	Hemiptera - Heteroptera encompasses the three well-defined suborders of the true bugs which are adapted to an aquatic or littoral habitat. The book begins with a section on the biology these insects

and provides illustrations of the basic features of their morphology and outlines the larval development. Brief outlines of the ecological and zoogeographical peculiarities of the three aquatic suborders are presented individually, and various methods for observing, collecting, preserving, rearing, and examining specimens are discussed. Most of the book is devoted to keys for the identification of adults to species, and notes are provided that will help recognize the known larvae. Unlike most other aquatic insects, the larval instars of the heteropteran species closely resemble the adults in their morphology, preferred habitats, and feeding habits. Therefore, distinguishing features of those relatively few larvae which have been described in detail are usually mentioned in the keys to the adults rather than being included in separate keys. In addition to the most important features for determining the individual species, many keys include additional notes on the morphology, which is intended to give the user a better chance of recognizing specimens of species not yet known to science. After the currently recognized name of each species, the known range is provided. Regions of the world outside of South America, South American countries, and the states of Brazil from which the species has been reported are listed. Following the range information, major synonyms previously used for the species in the literature are provided. If subspecies have been described and are still recognized as such, they are also discussed. Finally, if the status of the species is regarded as uncertain because of a poor description, strong resemblance to another species, or any other reason, a note is added that a detailed study will be necessary to clarify the status of the taxon. Taxonomic revisions in the book itself are strictly avoided. To provide the user of the keys with maximum assistance in making reliable identifications, the book is richly illustrated with pen and ink drawings of thousands of individual morphological structures arranged in 820 figures. The book is intended to make a significant impact toward popularizing the study of South American water bugs by assembling and condensing the information in hundreds of individual publications on the group, which appeared in many books and journals published in many different countries over the past 200 years. Some of these works are very difficult to obtain in South America, and their lack creates serious impediments to systematic, ecological, and zoogeographical research. In the more than 730 titles appearing in the bibliography, the original descriptions and revisions of almost all South American species can be found.
