1. Record Nr. UNINA9910777326203321

Autore	Liebman Matt
Titolo	Ecological management of agricultural weeds / / written and edited by Matt Liebman, Charles L. Mohler, Charles P. Staver
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2001
ISBN	1-107-11309-1 1-280-41705-6 9786610417056 0-511-17385-7 0-511-01764-2 0-511-15311-2 0-511-32775-7 0-511-54181-3 0-511-05345-2
Descrizione fisica	1 online resource (xi, 532 pages) : illustrations; digital, PDF file(s)
Disciplina	632/.5
Soggetti	Weeds - Biological control Weeds - Ecology Agricultural ecology Tillage Agricultural systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	; 1. Weed management: a need for ecological approaches / Matt Liebman -- ; 2. Weed life history: identifying vulnerabilities / Charles L. Mohler -- ; 3. Knowledge, science, and practice in ecological weed management: farmer-extensionist-scientist interactions / Charles P. Staver -- ; 4. Mechanical management of weeds / Charles L. Mohler -- ; 5. Weeds and the soil environment / Matt Liebman and Charles L. Mohler -- ; 6. Enhancing the competitive ability of crops / Charles L. Mohler -- ; 7. Crop diversification for weed management / Matt Liebman and Charles P. Staver -- ; 8. Managing weeds with insects and pathogens / Matt Liebman -- ; 9. Livestock grazing for weed

	management / Charles P. Staver.
Sommario/riassunto	Concerns over environmental and human health impacts of conventional weed management practices, herbicide resistance in weeds, and rising costs of crop production and protection have led agricultural producers and scientists in many countries to seek strategies that take greater advantage of ecological processes and thereby allow a reduction in herbicide use. This book provides principles and practices for ecologically based weed management in a wide range of temperate and tropical farming systems. After examining weed life histories and processes determining the assembly of weed communities, the authors describe how tillage and cultivation practices, manipulations of soil conditions, competitive cultivars, crop diversification, grazing livestock, arthropod and microbial biocontrol agents, and other factors can be used to reduce weed germination, growth, competitive ability, reproduction and dispersal. Special attention is given to the evolutionary challenges that weeds pose and the roles that farmers can play in the development of new weed-management strategies.

2.	Record Nr.	UNINA9910484261503321
	Titolo	Parallel and Distributed Computing: Applications and Technologies : 5th International Conference, PDCAT 2004, Singapore, December 8-10, 2004, Proceedings / / edited by Kim-Meow Liew, Hong Shen, Simon See, Wentong Cai, Pingzhi Fan, Susumu Horiguchi
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
	ISBN	3-540-30501-7
	Edizione	[1st ed. 2005.]
	Descrizione fisica	1 online resource (XXIV, 891 p.)
	Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 3320
	Altri autori (Persone)	LiewK. M
	Disciplina	004/.35
	Soggetti	Computer networks Computer science Software engineering Computer engineering Image processing - Digital techniques Computer vision Computer Communication Networks Theory of Computation Software Engineering Computer Engineering and Networks

	Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Algorithms and Applications -- Networking and Architectures -- Software Systems and Technologies.
Sommario/riassunto	The 2004 International Conference on Parallel and Distributed Computing, - plications and Technologies (PDCAT 2004) was the ?fth annual conference, and was held at the Marina Mandarin Hotel, Singapore on December 8–10, 2004. Since the inaugural PDCAT held in Hong Kong in 2000, the conference has - come a major forum for scientists, engineers, and practitioners throughout the world to present the latest research, results, ideas, developments, techniques, and applications in all areas of parallel and distributed computing. The technical program was comprehensive and featured keynote speeches, te- nical paper presentations, and exhibitions showcased by industry vendors. The technical program committee was overwhelmed with submissions of papers for presentation, from countries worldwide. We received 242 papers and after - viewing them, based on stringent selection criteria, we accepted 173 papers. The papers in the proceedings focus on parallel and distributed computing viewed from the three perspectives of networking and architectures, software systems and technologies, and algorithms and applications. We acknowledge the great contribution from all of our local and international committee members and - perreviewerswhodevotedtheirtimeinthereviewprocessandprovidedvaluable feedback for the authors. PDCAT 2004 could never have been successful without the support and ass- tance of several institutions and many people. We sincerely appreciate the s- port from the National Grid O?ce and IEEE, Singapore for technical co-sponsorship.The? nancialsponsorshipsfromtheindustrialsponsors,Hewlett- Packard Singapore; IBM Singapore; Sun Microsystems; SANDZ Solutions; S- icon Graphics, and Advanced Digital Information Corporation, are gratefully acknowledged.