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Autore	Wojtkowski Paul
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ISBN	3-319-93209-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (448 pages)
Disciplina	577.55
Soggetti	Environment Agriculture Ecology Plant science Botany Environmental economics Environment, general Ecology Plant Sciences Environmental Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter1: Introduction -- Chapter2: Agroecosystem Design -- Chapter3: The Agroecological Matrix -- Chapter4: Agrotechnologies -- Chapter 5: Productive Intercropping -- Chapter6: Feed Systems and Facilitative Intercrops -- Chapter7: Complex Agroecosystems -- Chapter8: Risk -- Chapter9: Landscape Agroecology -- Chapter10: Advanced Economics -- Chapter11: Macro-Challenges -- Chapter12: Summary.
Sommario/riassunto	This book presents the core elements that underwrite agroecology. Expressed across twelve chapters, the universality of the core is the essence of agroecology. This alone would be of interest to researchers, students, and academics. Furthermore, the book contains a long, detailed, and inclusive glossary that, with over 160 entries, elaborates on the topics presented. Included are recent developments as well as

time-tested, traditional farm practices. The book also advances the theoretical base, fills gaps in the published research, and suggests future opportunities and future directions. The book is internationally oriented, presenting both temperate and tropical agriculture. The book begins by comparing agroecology against conventional, monoculturally-based agriculture. In doing so, it defines the unique features of agroecology and their significance in achieving sustainable and environmentally-friendly agriculture. The book goes on to discuss the underlying technologies, the various manifestations of biodiversity, and the risk countermeasures associated with agroecology. This includes the farm landscape as a positive base for ecology, and how, if used well, it can produce major economic growth. The book concludes by summarizing the key findings, and assessing the macro-challenges facing agroecology.

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