1.	Record Nr.	UNINA9910592992403321
	Titolo	Landscape Agronomy : Advances and Challenges of a Territorial Approach to Agricultural Issues / / edited by Davide Rizzo, Elisa Marraccini, Sylvie Lardon
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
	ISBN	3-031-05263-3
	Edizione	[1st ed. 2022.]
	Descrizione fisica	1 online resource (303 pages)
	Collana	Biomedical and Life Sciences Series
	Disciplina	630 333.76
	Soggetti	Agriculture Landscape ecology Environmental management Environmental sciences - Social aspects Geography Landscape Ecology Environmental Management Environmental Social Sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Chapter 1. Agriculture at the Landscape Level: Scientific Background and Literature Overview -- Part 1. Observing -- Chapter 2. Agrometeorological Services for Landscape Agronomy: The Italian Case in the European Context -- Chapter 3. Availability and Integration of Agro-Environmental Data: the French case -- Chapter 4. A Method to Assess the Fragility of a Terraced System as an Example of Landscape Agronomic Analysis -- Part 2. Understanding -- Chapter 5. Exploring Futures in Landscape Agronomy: Methodological Issues and Prospects of Combining Scenarios and Spatially Explicit Models -- Chapter 6. Aligning Governance of Quality with Quality Management Systems in Territory-based Agrifood Chains -- Part 3. Supporting Action -- Chapter 7. Innovation in Education and Training: Insights from New Integrative Approaches -- Chapter 8. Innovative Governance and

Participatory Research for Agriculture in Territorial Development Processes. Lessons from a Collaborative Research Program (PSDR) -- Chapter 9. Guiding Multifunctional Landscape Changes Through Collaboration – Experiences from a Danish Case Study -- Chapter 10. Landscape Agronomy: Lessons Learned and Challenges Ahead, from a European Perspective.

Sommario/riassunto	The landscape is widely identified as a relevant target both by integrative policies and across the disciplines dealing with resource management and territorial planning. Landscape agronomy promotes a greater involvement of agricultural sciences into this arena by increasing the attention on the dynamics relating the farming practices to the natural resources and the temporal and spatial patterns of land covers. This book covers the background that improved the transdisciplinary interface of agronomy with spatially-explicit disciplines like landscape ecology and geography both in research and in training programs, in addition to some experiences of participative landscape management. On these bases, the state of art on cutting-edge data availability and methodological issues is used to select and discuss some worldwide case studies. This selection of research topic examples underpins the concluding discussions about challenges ahead. Researchers as well as policy and decision makers are the main target of this book that seeks to provide a toolbox of concepts, examples and ideas to improve the understanding of agricultural landscapes. Agricultural activities manage the greatest share of land surface on Earth with fast-paced changes compared to any other human land use. With this book we aim at providing a stronger interface between agricultural science and landscape design processes.