

1. Record Nr.	UNINA9910583364803321
Titolo	Agro-ecosystem diversity : reconciling contemporary agriculture and environmental quality // edited by Gilles Lemaire, [and three others]
Pubbl/distr/stampa	London, England : , : Academic Press, , 2019
ISBN	0-12-811051-1
Descrizione fisica	1 online resource (484 pages)
Disciplina	333.95
Soggetti	Agrobiodiversity Crop diversification Crop yields
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	C-N-P cycles in agro-ecosystems and impacts on environment -- Increasing diversity within agro-ecosystem for reducing environmental emissions -- Heterogeneity within and among agro-ecosystems and dynamics of biodiversity -- Diversified agro-ecosystem at farm level for more sustainable agriculture production? -- Socio-economic opportunities for and locking effects against diversification of agro-ecosystems -- Diversification beyond the farm at landscape and regional level -- Global aspects
Sommario/riassunto	Agro-Ecosystem Diversity: Impact on Food Security and Environmental Quality presents cutting-edge exploration of developing novel farming systems and introduces landscape ecology to agronomy. It encompasses the broad range of links between agricultural development and ecological impact and how to limit the potential negative results. Presented in seven sections, each focusing on a specific challenge to sustaining diversity, the book provides insights toward the argument that by re-introducing diversity, it should be possible to maintain a high level of productivity of agro-ecosystems while also maintaining and/or restoring a satisfactory level of environment quality and biodiversity.