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Ecosystem services and agriculture: tradeoffs and synergies

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1337	Abundant and stable char residues in soils: implications for soil fertility and carbon sequestration. 2012 , 46, 9571-6	188
1336	Integrated Rice-Fish Farming: Safeguarding Biodiversity and Ecosystem Services for Sustainable Food Production in the Mekong Delta. 2012 , 36, 859-872	27
1335	Extensive management promotes plant and microbial nitrogen retention in temperate grassland. 2012 , 7, e51201	81
1334	Land use alters the resistance and resilience of soil food webs to drought. 2012 , 2, 276-280	352
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1332	Integrated Pest Management - Outbreaks Prevented, Delayed, or Facilitated?. 2012 , 371-394	8
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1318	Breeding habitat selection of Skylarks varies with crop heterogeneity, time and spatial scale, and reveals spatial and temporal crop complementation. 2013 , 266, 10-18	26
1317	Ecological Processes, Functions and Ecosystem Services. 2013 , 16-27	6
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1315	Grass buffer strips benefit invertebrate and breeding skylark numbers in a heterogeneous agricultural landscape. 2013 , 181, 101-107	19
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1312	Land science contributions to ecosystem services. 2013 , 5, 509-514	42

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1306	Adapting agricultural land management to climate change: a regional multi-objective optimization approach. 2013 , 28, 2029-2047	50
1305	Past and future impacts of land use and climate change on agricultural ecosystem services in the Czech Republic. 2013 , 33, 183-194	67
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1302	Nitrogen dynamics of a large-scale constructed wetland used to remove excess nitrogen from eutrophic lake water. 2013 , 61, 224-234	25
1301	Spatial differences of the supply of multiple ecosystem services and the environmental and land use factors affecting them. 2013 , 5, 4-10	39
1300	Quantifying and mapping multiple ecosystem services change in West Africa. 2013 , 165, 6-18	222
1299	Indicators of soil ecosystem services in conventional and organic arable fields along a gradient of landscape heterogeneity in southern Sweden. 2013 , 65, 1-7	67
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1296	Using functional traits to quantify the value of plant communities to invertebrate ecosystem service providers in arable landscapes. 2013 , 101, 38-46	45
1295	Novel management to enhance spider biodiversity in existing grass buffer strips. 2013 , 15, 77-85	10
1294	Relationships of overstory trees and shrubs with forage species portray ecosystem service interactions in smallholder fallows. 2013 , 87, 451-464	2

1293	Assessing the environmental impacts of high-altitude agriculture in Taiwan: A Driver-Pressure-State-Impact-Response (DPSIR) framework and spatial emergy synthesis. 2013 , 32, 42-50	32
1292	Greenhouse gas emissions and the interrelation of urban and forest sectors in reclaiming one hectare of land in the Pacific Northwest. 2013 , 47, 7250-9	16
1291	Linking ecosystem services to agri-environmental schemes through SEA: A case study from Northern Italy. 2013 , 40, 47-53	22
1290	Using biodiversity to link agricultural productivity with environmental quality: Results from three field experiments in Iowa. 2013 , 28, 115-128	57
1289	Impact of multiple interacting financial incentives on land use change and the supply of ecosystem services. 2013 , 4, 60-72	51
1288	Benefits and limitations of the ecosystem services concept in environmental policy and decision making: Some stakeholder perspectives. 2013 , 25, 13-21	190
1287	Spatial assessment of ecosystem goods and services in complex production landscapes: A case study from south-eastern Australia. 2013 , 13, 35-45	66
1286	Enhancing ecosystem services with no-till. 2013 , 28, 102-114	52
1285	A Revisit to the Impacts of Land Use Changes on the Human Wellbeing via Altering the Ecosystem Provisioning Services. 2013 , 2013, 1-8	24
1284	Trade-Offs between Ecosystem Services in a Mountain Region. 2013 , 18,	104
1283	The Flora of Chad: a checklist and brief analysis. 2013 , 1-17	13
1282	Agrochemicals in field margins--assessing the impacts of herbicides, insecticides, and fertilizer on the common buttercup (<i>Ranunculus acris</i>). 2013 , 32, 1124-31	28
1281	Bundling ecosystem services in the Panama Canal watershed. 2013 , 110, 9326-31	31
1280	EFFECTS OF LAND-USE CHANGES AND AGRICULTURAL PRACTICES ON THE EMERGENCE AND REEMERGENCE OF HUMAN VIRAL DISEASES. 2013 , 133-149	2
1279	Envisioning the future of transhumant pastoralism through participatory scenario planning: a case study in Spain. 2013 , 35, 251	34
1278	Going beyond the Millennium Ecosystem Assessment: an index system of human well-being. 2013 , 8, e64582	27
1277	Ecosystem-service tradeoffs associated with switching from annual to perennial energy crops in riparian zones of the US Midwest. 2013 , 8, e80093	65
1276	Rethinking Study and Management of Agricultural Systems for Policy Design. 2013 , 5, 3858-3875	26

1275	Structure, composition and metagenomic profile of soil microbiomes associated to agricultural land use and tillage systems in Argentine Pampas. 2014 , 9, e99949	129
1274	Bayesian inference of baseline fertility and treatment effects via a crop yield-fertility model. 2014 , 9, e112785	5
1273	Social and Ecological Drivers of the Economic Value of Pollination Services Delivered to Coffee in Central Uganda. 2014 , 2014, 1-23	3
1272	A Scale-Explicit Framework for Conceptualizing the Environmental Impacts of Agricultural Land Use Changes. 2014 , 6, 8432-8451	12
1271	Understanding Relationships among Agro-Ecosystem Services Based on Emergy Analysis in Luancheng County, North China. 2014 , 6, 8700-8719	8
1270	Perennial grasslands enhance biodiversity and multiple ecosystem services in bioenergy landscapes. 2014 , 111, 1652-7	278
1269	A method to identify the variable ecosystem services relationship across time: a case study on Yanhe Basin, China. 2014 , 29, 1689-1696	57
1268	From a conceptual framework to an operational approach for managing grassland functional diversity to obtain targeted ecosystem services: Case studies from French mountains. 2014 , 29, 239-254	11
1267	Applying the ecosystem services framework to pasture-based livestock farming systems in Europe. 2014 , 8, 1361-72	78
1266	Balancing Ecosystem Services and Disservices: Smallholder Farmers' Use and Management of Forest and Trees in an Agricultural Landscape in Southwestern Ethiopia. 2014 , 19,	93
1265	Economics of Natural Resources and Environment in Agriculture. 2014 , 18-34	5
1264	Environmental Sustainability of Alpine Livestock Farms. 2014 , 13, 3155	72
1263	Farming for Ecosystem Services: An Ecological Approach to Production Agriculture. 2014 , 64, 404-415	139
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1261	Influence of management and environment on Australian wheat: information for sustainable intensification and closing yield gaps. 2014 , 9, 044005	25
1260	Reducing pesticide risks to farming communities: cotton farmer field schools in Mali. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20120277	5.8 44
1259	Food security in a perfect storm: using the ecosystem services framework to increase understanding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20120288	5.8 92
1258	Farming system design for innovative crop-livestock integration in Europe. 2014 , 8, 1204-17	59

1257	Biodiversity and Ecosystem Services in Agroecosystems. 2014 , 21-40	51
1256	Ecological Intensification for Crop Protection. 2014 , 53-81	6
1255	Market-Based Incentives for the Conservation of Ecosystem Services in Agricultural Landscapes: Examples from Coffee Cultivation in Latin America. 2014 , 172-185	3
1254	Comparative analysis of diversity and utilization of edible plants in arid and semi-arid areas in Benin. 2014 , 10, 80	15
1253	Indicators and trade-offs of ecosystem services in agricultural soils along a landscape heterogeneity gradient. 2014 , 77, 1-8	28
1252	Ecosystem services within agricultural landscapes—Farmers' perceptions. 2014 , 98, 72-80	89
1251	Agrochemicals in field margins—Field evaluation of plant reproduction effects. 2014 , 189, 82-91	32
1250	Quantifying ecosystem services trade-offs from agricultural practices. 2014 , 102, 147-157	95
1249	Ecosystem service state and trends at the regional to national level: A rapid assessment. 2014 , 36, 11-18	66
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1246	Ecosystem services along a management gradient in Michigan (USA) cropping systems. 2014 , 189, 28-35	50
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1244	Ecosystem services provided by agroecosystems: a qualitative and quantitative assessment of this relationship in the Pampa region, Argentina. 2014 , 53, 606-19	16
1243	Plant-virus interactions and the agro-ecological interface. 2014 , 138, 529-547	81
1242	Adaptation options under climate change for multifunctional agriculture: a simulation study for western Switzerland. 2014 , 14, 167-184	21
1241	European agricultural landscapes, common agricultural policy and ecosystem services: a review. 2014 , 34, 309-325	193
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1238	Farmer participation in the equitable payments for watershed services in Morogoro, Tanzania. 2014 , 7, 1-9		31
1237	Achieving production and conservation simultaneously in tropical agricultural landscapes. 2014 , 192, 130-134		10
1236	Conservation agriculture and ecosystem services: An overview. 2014 , 187, 87-105		447
1235	The place of agricultural sciences in the literature on ecosystem services. 2014 , 10, 35-48		62
1234	Passive sampling devices enable capacity building and characterization of bioavailable pesticide along the Niger, Senegal and Bani Rivers of Africa. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20130110	5.8	20
1233	Multi-level analysis of bird abundance and damage to crop fields. 2014 , 197, 128-136		25
1232	An interdisciplinary methodological guide for quantifying associations between ecosystem services. 2014 , 28, 298-308		214
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1230	Creating win-wins from trade-offs? Ecosystem services for human well-being: A meta-analysis of ecosystem service trade-offs and synergies in the real world. 2014 , 28, 263-275		428
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1228	Supply of carbon sequestration and biodiversity services from Australia's agricultural land under global change. 2014 , 28, 166-181		74
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1226	Exclusion of agricultural lands in spatial conservation prioritization strategies: consequences for biodiversity and ecosystem service representation. 2014 , 281,		18
1225	To what extent does the presence of forests and trees contribute to food production in humid and dry forest landscapes?: a systematic review protocol. 2014 , 3, 15		22
1224	Pathways towards the integration of periurban agrarian ecosystems into the spatial planning system. 2014 , 3,		9
1223	DIVECOSYS: Bringing together researchers to design ecologically-based pest management for small-scale farming systems in West Africa. 2014 , 66, 53-60		17
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1215	Prospects for forest-based ecosystem services in forest-coffee mosaics as forest loss continues in southwestern Ethiopia. 2014 , 50, 144-151	42
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1213	Improving coherence of ecosystem service provision between scales. 2014 , 9, 66-74	23
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1207	Consequential life cycle assessment of biogas, biofuel and biomass energy options within an arable crop rotation. 2015 , 7, 1305-1320	56
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1205	An integrated approach to understanding the linkages between ecosystem services and human well-being. 2015 , 1, 1-12	40
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1202	A framework for assessing ecosystem services in acequia irrigation communities of the Upper Rio Grande watershed. 2015 , 2, 559-575	9
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1200	Ecosystem services provided by birds: an overview. 2015 , 64, 3-23	4
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1197	The alignment of agricultural and nature conservation policies in the European Union. 2015 , 29, 996-1005	75
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1194	Decision in agroecosystems advanced modelling techniques studying global changes in environmental sciences. 2015 , 27, 217-245	
1193	The Pivotal Role of Phosphorus in a Resilient Water-Energy-Food Security Nexus. 2015 , 44, 1049-62	95
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1190	Making the Most of Our Land: Managing Soil Functions from Local to Continental Scale. 2015 , 3,	48
1189	Ecosystem services^ current challenges and opportunities for ecological research. 2015 , 2,	83
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1187	The Nature of the Nuisance^Damage or Threat^Determines How Perceived Monetary Costs and Cultural Benefits Influence Farmer Tolerance of Wildlife. 2015 , 7, 318-341	19
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1185	Short-Term Soil Responses to Late-Seeded Cover Crops in a Semi-Arid Environment. 2015 , 107, 2011-2019	30
1184	Heterogeneous Preferences and the Effects of Incentives in Promoting Conservation Agriculture in Malawi. 2015 ,	2
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1182	How effective are on-farm conservation land management strategies for preserving ecosystem services in developing countries? A systematic map protocol. 2015 , 4,	6
1181	Local and Landscape Drivers of Ant Parasitism in a Coffee Landscape. 2015 , 44, 939-50	5
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1179	Digging Deeper: A Case Study of Farmer Conceptualization of Ecosystem Services in the American South. 2015 , 56, 802-13	13
1178	Ecosystem services&Biodiversity relationships depend on land use type in floodplain agroecosystems. 2015 , 46, 201-210	25
1177	Comparison of soil microbial communities inhabiting vineyards and native sclerophyllous forests in central Chile. 2015 , 5, 3857-68	22
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1175	A Conceptual Approach to Promote the Integration of Ecosystem Services in Strategic Environmental Assessment. 2015 , 17, 1550035	23
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1173	Wide-area mapping of small-scale features in agricultural landscapes using airborne remote sensing. 2015 , 109, 165-177	19
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1171	Socioeconomic and environmental assessment of biodiesel crops on family farming systems in Brazil. 2015 , 133, 22-34	13
1170	Modeling trade-offs among ecosystem services in agricultural production systems. 2015 , 72, 314-326	47
1169	Techno-ecological synergy: a framework for sustainable engineering. 2015 , 49, 1752-60	80
1168	Conservation planning in agricultural landscapes: hotspots of conflict between agriculture and nature. 2015 , 21, 357-367	49

1167	Landscape's capacities to supply ecosystem services in Bangladesh: A mapping assessment for Lawachara National Park. 2015 , 12, 128-135	60
1166	Application of partial order ranking to identify enhancement potentials for the provision of selected ecosystem services by different land use strategies. 2015 , 135, 112-121	10
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1164	Farmers value on-farm ecosystem services as important, but what are the impediments to participation in PES schemes?. 2015 , 515-516, 12-9	57
1163	Mapping ecosystem services across scales and continents – A review. 2015 , 13, 57-63	114
1162	Risk assessment of the Acacia cyclops dieback pathogen, <i>Pseudolagarobasidium acaciicola</i> , as a mycoherbicide in South African strandveld and limestone fynbos. 2015 , 82, 52-60	7
1161	Are there any trade-offs between forage provision and the ecosystem service of C and N storage in arid rangelands?. 2015 , 77, 26-32	35
1160	Crop pathogen emergence and evolution in agro-ecological landscapes. 2015 , 8, 385-402	30
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1158	How to implement biodiversity-based agriculture to enhance ecosystem services: a review. 2015 , 35, 1259-1281	248
1157	Spatial variation of crop rotations and their impacts on provisioning ecosystem services on the river Drava alluvial plain. 2015 , 5, 31-48	14
1156	Development of a nature value index for pastoral farmland – A rapid farm-level assessment. 2015 , 56, 31-40	22
1155	Land cover-based ecosystem service assessment of irrigated rice cropping systems in southeast Asia – An explorative study. 2015 , 14, 76-87	57
1154	Value and provision of ecosystem services from prairie wetlands: A choice experiment approach. 2015 , 15, 35-44	40
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1150	Ecosystem service trade-offs, perceived drivers, and sustainability in contrasting agroecosystems in central Mexico. 2015 , 20,	21

1149	Functional traits in agriculture: agrobiodiversity and ecosystem services. 2015 , 30, 531-9	203
1148	Ecosystem services and poverty alleviation: A review of the empirical links. 2015 , 12, 137-147	131
1147	Heritage Values and Agricultural Landscapes: Towards a New Synthesis. 2015 , 40, 701-716	28
1146	Crop rotations including ley and manure can promote ecosystem services in conventional farming systems. 2015 , 95, 54-61	35
1145	Having It Both Ways? Land Use Change in a U.S. Midwestern Agricultural Ecoregion* The authors wish to thank Ryan Reker and three anonymous reviewers for their constructive comments on our article that helped make it better. Mr. Auch would like to thank the U.S. Geological Survey's National Land Change Assessment project and Climate and Land Use Change Research and Provisioning ecosystem services supply and demand: The role of landscape management to reinforce supply and promote synergies with other ecosystem services. 2015 , 47, 145-155	7
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1143	Organic versus conventional systems in viticulture: Comparative effects on spiders and carabids in vineyards and adjacent forests. 2015 , 136, 61-69	6
1142	How do incentive-based environmental policies affect environment protection initiatives of farmers? An experimental economic analysis using the example of species richness. 2015 , 114, 90-103	58
1141	Responses of medium- and large-sized bird diversity to irrigation in dry cereal agroecosystems across spatial scales. 2015 , 207, 141-152	10
1140	Effects of climate change on the delivery of soil-mediated ecosystem services within the primary sector in temperate ecosystems: a review and New Zealand case study. 2015 , 21, 2844-60	15
1139	Impacts of eucalypt plantation management on soil faunal communities and nutrient bioavailability: trading function for dependence?. 2015 , 51, 637-644	27
1138	Livestock system sustainability and resilience in intensive production zones: which form of ecological modernization?. 2015 , 15, 1651-1665	16
1137	Ecosystem disservices research: A review of the state of the art with a focus on cities. 2015 , 52, 490-497	35
1136	A social-ecological approach to managing multiple agro-ecosystem services. 2015 , 14, 68-75	241
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1134	Linking governance and ecosystem services: The case of Isla Mayor (Andalusia, Spain). 2015 , 46, 91-102	146
1133	A synthesis of the ecosystem services impact of second generation bioenergy crop production. 2015 , 46, 30-40	12
1132		71

1131	Modelling farmer decision-making to anticipate tradeoffs between provisioning ecosystem services and biodiversity. 2015 , 137, 12-23	30
1130	Assessing the role of economic actors in the production of private and public goods in three EU agricultural landscapes. 2015 , 58, 2113-2136	11
1129	Landscape Dynamics in a Rapidly Changing World. 2015 , 333-381	
1128	Reviews on Impact Assessments of Land-Use Change on Key Ecosystem Services. 2015 , 1-35	0
1127	Assessing the Impact of Land-Use Changes on Providing Hydrological Ecosystem Functions (ESF) and Services (ESS) – A Case-Study Experience Based Conceptual Framework. 2015 , 181-200	
1126	Organic farming and host density affect parasitism rates of tortricid moths in vineyards. 2015 , 214, 46-53	25
1125	Ecotoxicological assessment of antibiotics: A call for improved consideration of microorganisms. 2015 , 85, 189-205	145
1124	Food Crisis or Chronic Poverty: Metanarratives of Food Insecurity in Sub-Saharan Africa. 2015 , 10, 313-342	5
1123	Post-Soviet land-use change effects on large mammals' habitat in European Russia. 2015 , 191, 567-576	22
1122	Co-benefits and trade-offs between agriculture and conservation: A case study in Northern Australia. 2015 , 191, 478-494	8
1121	Simple-but-sound methods for estimating the value of changes in biodiversity for biological pest control in agriculture. 2015 , 120, 215-225	13
1120	Assessing community values to support mapping of ecosystem services in the Koshi river basin, Nepal. 2015 , 13, 70-80	45
1119	Mapping and characterizing ecosystem services of social-ecological production landscapes: case study of Noto, Japan. 2015 , 10, 257-273	33
1118	Ecosystem services and economic development in Austrian agricultural landscapes – The impact of policy and climate change scenarios on trade-offs and synergies. 2015 , 109, 161-174	82
1117	Economic trade-offs of biomass use in crop-livestock systems: Exploring more sustainable options in semi-arid Zimbabwe. 2015 , 134, 48-60	35
1116	Comparative review of multifunctionality and ecosystem services in sustainable agriculture. 2015 , 149, 138-47	102
1115	Comparative cradle-to-gate life cycle assessment of wood pellet production with torrefaction. 2015 , 138, 367-380	98
1114	Does cadastral division of area-based ecosystem services obstruct comprehensive management?. 2015 , 295, 176-187	9

1113	A review of invasive alien species impacts on eucalypt stands and citrus orchards ecosystem services: towards an integrated management approach. 2015 , 149, 17-26	21
1112	Profitability development of Czech dairy farms. 2016 , 62, 269-279	9
1111	Current overview and potential applications of the soil ecosystem services approach in Brazil. 2016 , 51, 1021-1038	17
1110	Soil Degradation, Land Scarcity and Food Security: Reviewing a Complex Challenge. 2016 , 8, 281	212
1109	An approach to assess the potential of agroecosystems in providing environmental services. 2016 , 51, 1051-1060	6
1108	Soil Ecosystem Services and Natural Capital: Critical Appraisal of Research on Uncertain Ground. 2016 , 4,	171
1107	Regional Patterns of Ecosystem Services in Cultural Landscapes. 2016 , 5, 17	15
1106	Land Use and Land Cover Change in the Bale Mountain Eco-Region of Ethiopia during 1985 to 2015. 2016 , 5, 41	69
1105	Home Garden Ecosystem Services Valuation through a Gender Lens: A Case Study in the Catalan Pyrenees. 2016 , 8, 718	12
1104	Social Farming in the Promotion of Social-Ecological Sustainability in Rural and Periurban Areas. 2016 , 8, 1238	37
1103	Using Optimal Land-Use Scenarios to Assess Trade-Offs between Conservation, Development, and Social Values. 2016 , 11, e0158350	27
1102	A review on trade-off analysis of ecosystem services for sustainable land-use management. 2016 , 26, 953-968	141
1101	Trade-offs in water and carbon ecosystem services with land-use changes in grasslands. 2016 , 26, 1633-1644	26
1100	Actionable knowledge for ecological intensification of agriculture. 2016 , 14, 209-216	88
1099	Integrating ecosystem services into crop protection and pest management: Case study with the soil fumigant 1,3-dichloropropene and its use in tomato production in Italy. 2016 , 12, 801-10	7
1098	Using ecosystem service trade-offs to inform water conservation policies and management practices. 2016 , 14, 527-532	101
1097	Optimizing Chemically Induced Resistance in Tomato Against <i>Botrytis cinerea</i> . 2016 , 100, 704-710	26
1096	Agricultural ecosystems and their services: the vanguard of sustainability?. 2016 , 23, 92-99	61

1095	Quantification of present and past biomass productivity as a support to effective biomass management. 2016 , 59, 1456-1472		0
1094	Optimizing intermediate ecosystem services in agriculture using rules based on landscape composition and configuration indices. 2016 , 128, 214-223		33
1093	Assessing the variable ecosystem services relationships in polders over time: a case study in the eastern Chaohu Lake Basin, China. 2016 , 75, 1		13
1092	Evaluation of the Dutch implementation of the nitrates directive, the water framework directive and the national emission ceilings directive. 2016 , 78, 69-84		59
1091	Effects of landscape composition on carabids and slugs in herbaceous and woody field margins. 2016 , 226, 79-87		21
1090	Assessing the value of diverse cropping systems under a new agricultural policy environment in Rwanda. 2016 , 8, 491-506		35
1089	Arbuscular mycorrhizal fungi are an alternative to the application of chemical fertilizer in the production of the medicinal and aromatic plant <i>Coriandrum sativum</i> L. 2016 , 79, 320-8		18
1088	From regional environmental planning to implementation: Paths and challenges of integrating ecosystem services. 2016 , 18, 118-129		32
1087	Partition of some key regulating services in terrestrial ecosystems: Meta-analysis and review. 2016 , 562, 47-60		13
1086	Assessment of land use change in Likangala River catchment, Malawi: A remote sensing and DPSIR approach. 2016 , 71, 9-23		30
1085	Are the major imperatives of food security missing in ecosystem services research?. 2016 , 19, 19-31		24
1084	Ecological and socio-economic functions across tropical land use systems after rainforest conversion. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	143
1083	Trends in Wildlife Research: A Bibliometric Approach. 2016 , 1-28		
1082	The value of pollinator-friendly practices: Synergies between natural and anthropogenic assets. 2016 , 17, 659-667		9
1081	The elusive role of soil quality in nutrient cycling: a review. 2016 , 32, 476-486		32
1080	National Ecosystem Assessments in Europe: A Review. 2016 , 66, 813-828		72
1079	The challenges of implementing a legal framework for Payment for Ecosystem Services in Santa Catarina, Brazil. 2016 , 14, 132-136		9
1078	GIS-based analysis for hotspot identification of tradeoff between ecosystem services: A case study in Yanhe Basin, China. 2016 , 26, 466-477		27

1077	Explicit modeling of abiotic and landscape factors reveals precipitation and forests associated with aphid abundance. 2016 , 26, 2598-2608	14
1076	Economic valuation of ecosystem services in Mexico: Current status and trends. 2016 , 21, 6-19	30
1075	Global evidence of positive impacts of freshwater biodiversity on fishery yields. 2016 , 25, 553-562	31
1074	Relationships between management practices and ground-active invertebrate biodiversity in New Zealand kiwifruit orchards. 2016 , 18, 11-21	7
1073	Competition for Land-Based Ecosystem Services: Trade-Offs and Synergies. 2016 , 127-147	3
1072	A coupled human-natural systems analysis of irrigated agriculture under changing climate. 2016 , 52, 6928-6947	48
1071	Food production, ecosystem services and biodiversity: We can't have it all everywhere. 2016 , 573, 1422-1429	56
1070	Soil management shapes ecosystem service provision and trade-offs in agricultural landscapes. 2016 , 283,	30
1069	Trade-offs between carbon sequestration, soil retention and water yield in the Guanzhong-Tianshui Economic Region of China. 2016 , 26, 1449-1462	19
1068	Crop&lvestock integration beyond the farm level: a review. 2016 , 36, 1	64
1067	Is groundwater recharge always serving us well? Water supply provisioning, crop production, and flood attenuation in conflict in Wisconsin, USA. 2016 , 21, 153-165	17
1066	The effect of climate change on rural land cover patterns in the Central United States. 2016 , 138, 585-602	12
1065	Perylenediimide-cored cationic nanocarriers deliver virus DNA to kill insect pests. 2016 , 7, 3740-3746	13
1064	What evidence exists for the effectiveness of on-farm conservation land management strategies for preserving ecosystem services in developing countries? A systematic map. 2016 , 5,	9
1063	Valuation of ecosystem services in organic cereal crop production systems with different management practices in relation to organic matter input. 2016 , 22, 117-127	11
1062	Bigger is better: Improved nature conservation and economic returns from landscape-level mitigation. 2016 , 2, e1501021	35
1061	Optimizing land use decision-making to sustain Brazilian agricultural profits, biodiversity and ecosystem services. 2016 , 204, 221-230	70
1060	Agro-biodiversity has increased over a 95 year period at sub-regional and regional scales in southern Quebec, Canada. 2016 , 11, 124024	9

1059	Brazilian Agriculture and Its Sustainability. 2016 , 767-792	1
1058	Effects of landscape configuration on mapping ecosystem service capacity: a review of evidence and a case study in Scotland. 2016 , 31, 1457-1479	55
1057	A comprehensive assessment of agricultural intensification scenarios for the Dongting Lake basin in south-central China in 2030. 2016 , 23, 14018-33	3
1056	Parasitism and Food Web Structure in Defoliating Lepidoptera - Parasitoid Communities on Soybean. 2016 , 45, 712-717	4
1055	Linking long-term landscape dynamics to the multiple interactions among ecosystem services in the European Alps. 2016 , 31, 1903-1918	69
1054	Field-scale habitat complexity enhances avian conservation and avian-mediated pest-control services in an intensive agricultural crop. 2016 , 225, 140-149	29
1053	What are the effects of nature conservation on human well-being? A systematic map of empirical evidence from developing countries. 2016 , 5,	105
1052	Nitrogen-Mediated Interaction: A Walnut-Aphid-Parasitoid System. 2016 , 45, 891-6	5
1051	Managing adaptively for multifunctionality in agricultural systems. 2016 , 183, 379-388	31
1050	Mangrove system dynamics in Southeast Asia: linking livelihoods and ecosystem services in Vietnam. 2016 , 16, 865-879	30
1049	Microbial Environmental Genomics (MEG). 2016 ,	3
1048	Ecosystem services-based land planning for environmental impact avoidance. 2016 , 17, 172-184	35
1047	Economic and environmental impacts of production intensification in agriculture: comparing transgenic, conventional, and agroecological maize crops. 2016 , 40, 215-236	9
1046	Land use/land cover change and implications for ecosystems services in the Likangala River Catchment, Malawi. 2016 , 93, 96-103	27
1045	Reducing the impacts of Neotropical oil palm development on functional diversity. 2016 , 197, 139-145	30
1044	Making explicit agricultural ecosystem service trade-offs: a case study of an English lowland arable farm. 2016 , 14, 249-268	5
1043	Conservation tillage mitigates the negative effect of landscape simplification on biological control. 2016 , 53, 233-241	74
1042	Impacts of land use change on ecosystem services and implications for human well-being in Spanish drylands. 2016 , 54, 534-548	134

1041	A diachronic study of greenhouse gas emissions of French dairy farms according to adaptation pathways. 2016 , 221, 50-59	8
1040	Delicate balance between pest and disease injuries, yield performance, and other ecosystem services in the complex coffee-based systems of Costa Rica. 2016 , 222, 1-12	30
1039	Can agri-environmental schemes enhance non-target species? Effects of sown wildflower fields on the common hamster (<i>Cricetus cricetus</i>) at local and landscape scales. 2016 , 194, 168-175	10
1038	Response of ground spiders to local and landscape factors in a Mexican coffee landscape. 2016 , 222, 80-92	12
1037	Underestimating neonicotinoid exposure: how extent and magnitude may be affected by land-use change. 2016 , 23, 7050-4	7
1036	Unpacking Pandora's Box: Understanding and Categorising Ecosystem Disservices for Environmental Management and Human Wellbeing. 2016 , 19, 587-600	170
1035	Evaluation of invertebrate diversity on a broad bean crop (<i>Vicia faba</i> L. var. <i>major</i>) in Tizi-Ouzou area (Algeria). 2016 , 26, 129-133	1
1034	Plastic mulching in agriculture. Trading short-term agronomic benefits for long-term soil degradation?. 2016 , 550, 690-705	590
1033	Soil carbon cycling and storage along a chronosequence of re-seeded grasslands: Do soil carbon stocks increase with grassland age?. 2016 , 218, 126-132	14
1032	Sustainable energy potential from biomass through ecosystem services trade-off analysis: The case of the Province of Rovigo (Northern Italy). 2016 , 18, 1-19	39
1031	Ecosystem Services from Small Forest Patches in Agricultural Landscapes. 2016 , 2, 30-44	44
1030	The secret pollinators: an overview of moth pollination with a focus on Europe and North America. 2016 , 10, 21-28	50
1029	Representing composition, spatial structure and management intensity of European agricultural landscapes: A new typology. 2016 , 150, 36-49	50
1028	Site-specific factors in the production of local urban ecosystem services: A case study of community-managed green space. 2016 , 17, 208-216	28
1027	Regional suitability for agricultural intensification: a spatial analysis of the Southern Agricultural Growth Corridor of Tanzania. 2016 , 14, 231-247	21
1026	Mapping ecosystem services potential in Lithuania. 2016 , 23, 441-455	37
1025	A TDR-waveform approach to estimate soil water content in electrically conductive soils. 2016 , 121, 160-168	12
1024	SmartScape—A web-based decision support system for assessing the tradeoffs among multiple ecosystem services under crop-change scenarios. 2016 , 121, 108-121	40

1023	Does nature conservation enhance ecosystem services delivery?. 2016 , 17, 152-162	42
1022	Genetic Erosion of <i>Phoenix dactylifera</i> L.: Perceptible, Probable, or Possible. 2016 , 131-213	4
1021	Bats in the Anthropogenic Matrix: Challenges and Opportunities for the Conservation of Chiroptera and Their Ecosystem Services in Agricultural Landscapes. 2016 , 151-186	27
1020	The importance of ecosystem services in coastal agricultural landscapes: Case study from the Costa Brava, Catalonia. 2016 , 17, 43-52	24
1019	A comparative approach to assess the contribution of landscape features to aesthetic and recreational values in agricultural landscapes. 2016 , 17, 87-98	78
1018	Degradation of soil fertility can cancel pollination benefits in sunflower. 2016 , 180, 581-7	17
1017	Ecosystem and urban services for landscape liveability: A model for quantification of stakeholders' perceived importance. 2016 , 50, 277-292	30
1016	Economics and environmental performance issues of a typical Amazonian beef farm: a case study. 2016 , 112, 2485-2494	10
1015	Exposure to spinosad affects orb-web spider (<i>Agalenatea redii</i>) survival, web construction and prey capture under laboratory conditions. 2016 , 89, 507-515	13
1014	Mitigation of herbicide runoff as an ecosystem service from a constructed surface flow wetland. 2016 , 774, 193-202	23
1013	Comparative analysis of pesticide effects on natural enemies in western orchards: A synthesis of laboratory bioassay data. 2016 , 102, 17-25	50
1012	Policy impacts on regulating ecosystem services: looking at the implications of 60 years of landscape change on soil erosion prevention in a Mediterranean silvo-pastoral system. 2016 , 31, 271-290	42
1011	Examining multi-functionality for crop yield and ecosystem services in five systems of agroecological intensification. 2017 , 15, 11-28	82
1010	Stakeholders' expectations from the agri-environmental programme in Slovenia and Croatia. 2017 , 60, 67-91	
1009	Implementing farm-level environmental sustainability in environmental performance indicators: A combined global-local approach. 2017 , 140, 692-704	30
1008	Willingness to pay for ecosystem services provided by irrigated agriculture in Northeast Thailand. 2017 , 13, 14-26	8
1007	Applicability of economic instruments for protecting ecosystem services from cultural agrarian landscapes in Doñana, SW Spain. 2017 , 61, 185-195	11
1006	Multiple ecosystem services provision and biomass logistics management in bioenergy buffers: A state-of-the-art review. 2017 , 73, 277-290	46

1005	Combining habitat requirements of endemic bird species and other ecosystem services may synergistically enhance conservation efforts. 2017 , 586, 206-214	14
1004	A social-ecological framework for analyzing and designing integrated crop-livestock systems from farm to territory levels. 2017 , 32, 43-56	63
1003	Assessing eco-efficiency: A metafrontier directional distance function approach using life cycle analysis. 2017 , 63, 116-127	48
1002	Trees for life: The ecosystem service contribution of trees to food production and livelihoods in the tropics. 2017 , 84, 62-71	108
1001	Improving spatio-temporal benefit transfers for pest control by generalist predators in cotton in the southwestern US. 2017 , 13, 27-39	3
1000	Herbicide resistance and biodiversity: agronomic and environmental aspects of genetically modified herbicide-resistant plants. 2017 , 29, 5	94
999	Farm types and farmer motivations to adapt: Implications for design of sustainable agricultural interventions in the rubber plantations of South West China. 2017 , 154, 1-12	20
998	Farmland habitat diversity in Ireland. 2017 , 63, 206-213	9
997	Sustainable intensification options for smallholder maize-based farming systems in sub-Saharan Africa. 2017 , 9, 133-150	40
996	Trade-offs between carbon, water, soil and food in Guanzhong-Tianshui economic region from remotely sensed data. 2017 , 58, 145-156	18
995	Plant Functional Traits: Soil and Ecosystem Services. 2017 , 22, 385-394	203
994	Multi-decadal time series of remotely sensed vegetation improves prediction of soil carbon in a subtropical grassland. 2017 , 27, 1646-1656	19
993	Are ecosystem service hotspots located in protected areas? Results from a study in Southern Italy. 2017 , 73, 52-60	18
992	Impacts of forestry on boreal forests: An ecosystem services perspective. 2017 , 46, 743-755	44
991	Multifunctional Agriculture and the Relationship Between Different Functions. 2017 , 53-67	1
990	Ecosystem service delivery of agri-environment measures: A synthesis for hedgerows and grass strips on arable land. 2017 , 244, 32-51	43
989	Integrating urban agriculture and urban planning in Mashhad, Iran; a short survey of current status and constraints. 2017 , 41, 921-943	5
988	Farmers' Preferences for PES Contracts to Adopt Silvopastoral Systems in Southern Ecuador, Revealed Through a Choice Experiment. 2017 , 60, 200-215	13

987	Synergies and trade-offs in renewable energy landscapes: Balancing energy production with economics and ecosystem services. 2017 , 199, 25-44	19
986	Reconciling agriculture and stream restoration in Europe: A review relating to the EU Water Framework Directive. 2017 , 596-597, 378-395	37
985	Scale effect on spatial patterns of ecosystem services and associations among them in semi-arid area: A case study in Ningxia Hui Autonomous Region, China. 2017 , 598, 297-306	57
984	Trading off natural resources and rural livelihoods. A framework for sustainability assessment of small-scale food production in water-limited regions. 2017 , 110, 484-493	8
983	Ecosystem services must tackle anthropized ecosystems and ecological engineering. 2017 , 99, 486-495	36
982	Regional-scale effects override the influence of fine-scale landscape heterogeneity on rice arthropod communities. 2017 , 246, 269-278	15
981	A bustle in the hedgerow: Woody field margins boost on farm avian diversity and abundance in an intensive agricultural landscape. 2017 , 212, 153-161	46
980	Looking at past domestication to secure ecosystem services of future croplands. 2017 , 105, 885-889	17
979	Nutrient cycling in agroecosystems: Balancing food and environmental objectives. 2017 , 41, 761-798	29
978	Towards an Integrated Environmental Compensation Scheme in Spain: Linking Biodiversity and Carbon Offsets. 2017 , 19, 1750006	2
977	Greenhouse Gas Mitigation under Agriculture and Livestock Landuse. 2017 , 343-394	3
976	Ecosystem services in orchards. A review. 2017 , 37, 1	37
975	An economic perspective on land use decisions in agricultural landscapes: Insights from the TEEB Germany Study. 2017 , 25, 69-78	19
974	Activity, diversity and function of arbuscular mycorrhizae vary with changes in agricultural management intensity. 2017 , 241, 142-149	27
973	How spatial scale shapes the generation and management of multiple ecosystem services. 2017 , 8, e01741	32
972	Refocusing ecosystem services towards sustainability. 2017 , 25, 35-43	59
971	Impacts of land use/cover change on terrestrial carbon stocks in Uganda. 2017 , 101, 195-203	26
970	Rainwater harvesting for restoring degraded dry agro-pastoral ecosystems: a conceptual review of opportunities and constraints in a changing climate. 2017 , 25, 135-149	19

969	Valuation of Soil Ecosystem Services. 2017 , 142, 353-384	13
968	Food Sustainability Challenges in the Developing World. 2017 , 1-32	1
967	Ecosystem services and connectivity in spatial conservation prioritization. 2017 , 32, 5-14	55
966	Increased pollinator habitat enhances cacao fruit set and predator conservation. 2017 , 27, 887-899	25
965	Key ecosystem services and ecological intensification of agriculture in the tropical high-Andean Puna as affected by land-use and climate changes. 2017 , 236, 221-233	50
964	Connecting natural enemy metrics to biological control activity for aphids in California walnuts. 2017 , 106, 16-26	2
963	Stoichiometric Responses to an Agricultural Pesticide Are Modified by Predator Cues. 2017 , 51, 581-588	14
962	Vertical distribution and activity of anaerobic ammonium-oxidising bacteria in a vegetable field. 2017 , 288, 56-63	25
961	Modeling of ecosystem services informs spatial planning in lands adjacent to the Sarvelat and Javaherdasht protected area in northern Iran. 2017 , 61, 487-500	30
960	Zinc toxicity stimulates microbial production of extracellular polymers in a copiotrophic acid soil. 2017 , 119, 413-418	13
959	More is more? Forest management allocation at different spatial scales to mitigate conflicts between ecosystem services. 2017 , 32, 2337-2349	14
958	Complementarity among natural enemies enhances pest suppression. 2017 , 7, 8172	37
957	Sustainable Agricultural Production, Environmental Sustainability and Food Security: How to Frame the Legal Intervention. 2017 , 15-18	
956	Results-Based Agri-Environmental Schemes for Delivering Ecosystem Services in the EU: Established Issues and Emerging Trends. 2017 , 83-122	2
955	Forest conservation and the private sector: stakeholder perceptions towards payment for ecosystem service schemes in the tobacco and sugarcane sectors in Malawi. 2017 , 12, 727-746	14
954	Differences in biomass and water dynamics between a cotton-peanut rotation and a sweet sorghum bioenergy crop with and without biochar and vinasse as soil amendments. 2017 , 214, 123-130	9
953	Ecosystem Services Provided by Unmanaged Habitats in Agricultural Landscapes. 2017 , 151-173	1
952	Effects of Transgenic Crops on the Environment. 2017 , 131-150	6

951	The Role of Ecosystem Disservices in Pest Management. 2017 , 175-194	8
950	Seasonal Foraging by Forest Mice Enhances Loss of Weed Seeds from Crop Field Edges. 2017 , 24, 5-17	2
949	Model development of a participatory Bayesian network for coupling ecosystem services into integrated water resources management. 2017 , 554, 50-65	37
948	Characterizing Coastal Ecosystem Service Trade-offs with Future Urban Development in a Tropical City. 2017 , 60, 961-973	19
947	Triggering a positive research and policy feedback cycle to support a transition to agroecology and sustainable food systems. 2017 , 41, 855-879	30
946	Ecosystem services and biodiversity trends in Mozambique as a consequence of land cover change. 2017 , 13, 297-311	25
945	Intersection between biodiversity conservation, agroecology, and ecosystem services. 2017 , 41, 723-760	28
944	Employing contingent and inferred valuation methods to evaluate the conservation of olive groves and associated ecosystem services in Andalusia (Spain). 2017 , 26, 258-269	27
943	Enhancing ecosystem services through targeted bioenergy support policies. 2017 , 26, 98-110	19
942	Including cover crops during fallow periods for increasing ecosystem services: Is it possible in croplands of Southern South America?. 2017 , 248, 48-57	34
941	A non-parametric bootstrap-data envelopment analysis approach for environmental policy planning and management of agricultural efficiency in EU countries. 2017 , 83, 132-143	84
940	Assessing the benefit of the agroecosystem services: Lithuanian preferences using a latent class approach. 2017 , 68, 277-286	13
939	A holistic framework to assess the sustainability of irrigated agricultural systems. 2017 , 3, 1323542	4
938	Managing conflicting goals in pig farming: farmers' strategies and perspectives on sustainable pig farming in Sweden. 2017 , 15, 693-707	5
937	Hydric potential of the river basin: Prężnik, Polish Highlands. 2017 , 65, 1253-1267	8
936	Quantifying the effect of ecological restoration on runoff and sediment yields: A meta-analysis for the Loess Plateau of China. 2017 , 41, 753-774	32
935	Influence of the agricultural land agglomeration to the nutrients of the river water in the Tokachi River basin. 2017 , 15, 277-290	2
934	Modelling shifts between mono- and multifunctional farming systems: the importance of social and economic drivers. 2017 , 32, 595-607	35

933	Intercropping improves soil nutrient availability, soil enzyme activity and tea quantity and quality. 2017 , 119, 171-178	43
932	Effects of field margin type and landscape composition on predatory carabids and slugs in wheat fields. 2017 , 247, 182-188	18
931	Barley yellow dwarf viruses: infection mechanisms and breeding strategies. 2017 , 213, 1	13
930	Valuation of ecosystem services provided by irrigated rice agriculture in Thailand: a choice experiment considering attribute nonattendance. 2017 , 48, 655-667	7
929	Future impacts of changing land-use and climate on ecosystem services of mountain grassland and their resilience. 2019 , 26, 79-94	130
928	Corporate investments in supply chain sustainability: Selecting instruments in the agri-food industry. 2017 , 142, 2480-2492	103
927	Sustainable crop intensification through surface water irrigation in Bangladesh? A geospatial assessment of landscape-scale production potential. 2017 , 60, 206-222	54
926	Can rice field management practices contribute to the conservation of species from natural wetlands? Lessons from Brazil. 2017 , 18, 50-56	16
925	A social-ecological perspective on harmonizing food security and biodiversity conservation. 2017 , 17, 1291-1301	50
924	Making the best of both worlds: Can high-resolution agricultural administrative data support the assessment of High Nature Value farmlands across Europe?. 2017 , 72, 118-130	34
923	Using ecological production functions to link ecological processes to ecosystem services. 2017 , 13, 52-61	33
922	A participatory method for the design and integrated assessment of crop-livestock systems in farmers' groups. 2017 , 72, 340-351	38
921	Singapore as a long-term case study for tropical urban ecosystem services. 2017 , 20, 277-291	19
920	Winter Preference for Weed Seed and Waste Grain by Native Mice in Row-Crop Agriculture. 2017 , 65, 406-412	6
919	Effects of shade, altitude and management on multiple ecosystem services in coffee agroecosystems. 2017 , 82, 308-319	68
918	Climate variability, farmland value, and farmers' perceptions of climate change: implications for adaptation in rural Pakistan. 2017 , 24, 532-544	32
917	Does Your Landscape Mirror What You Eat? A Long-Term Socio-metabolic Analysis of a Local Food System in Vall d'Alba County (Spain, 1860-1956-1999). 2017 , 133-164	5
916	Unifying the functional diversity in natural and cultivated soils using the overall body-mass distribution of nematodes. 2017 , 17, 36	8

915	Targeting Sustainable Intensification of Maize-Based Agriculture in East Africa. 2017 , 10, 194008291772067	5
914	Alley Cropping with Short Rotation Coppices in the Temperate Region: A Land-use Strategy for Optimizing Microclimate, Soil Organic Carbon and Ecosystem Service Provision of Agricultural Landscapes. 2017 , 263-297	0
913	Nitrogen Cycling from Increased Soil Organic Carbon Contributes Both Positively and Negatively to Ecosystem Services in Wheat Agro-Ecosystems. 2017 , 8, 731	25
912	Getting More Power from Your Flowers: Multi-Functional Flower Strips Enhance Pollinators and Pest Control Agents in Apple Orchards. 2017 , 8,	33
911	Soil Organic Matter Responses to Anthropogenic Forest Disturbance and Land Use Change in the Eastern Brazilian Amazon. 2017 , 9, 379	36
910	Ecosystem Services as a Boundary Concept: Arguments from Social Ecology. 2017 , 9, 1107	29
909	Analyzing Farmers' Perceptions of Ecosystem Services and PES Schemes within Agricultural Landscapes in Mengyin County, China: Transforming Trade-Offs into Synergies. 2017 , 9, 1459	13
908	The significance of nutrient interactions for crop yield and nutrient use efficiency. 2017 , 65-82	2
907	Supporting Agricultural Ecosystem Services through the Integration of Perennial Polycultures into Crop Rotations. 2017 , 9, 2267	26
906	Perennial-Based Agricultural Systems and Livestock Impact on Soil and Ecological Services. 2017 , 151-171	2
905	Trial for area zoning in Japanese agricultural area based on ecological functions.. 2017 , 19, 211-220	2
904	Northwest U.S. Agriculture in a Changing Climate: Collaboratively Defined Research and Extension Priorities. 2017 , 5,	7
903	Editorial: Optimizing the Delivery of Multiple Ecosystem Goods and Services in Agricultural Systems. 2017 , 5,	8
902	Ignoring Ecosystem-Service Cascades Undermines Policy for Multifunctional Agricultural Landscapes. 2017 , 5,	6
901	Wild Grape-Associated Yeasts as Promising Biocontrol Agents against Fungal Pathogens. 2017 , 8, 2025	44
900	Bird use of organic apple orchards: Frugivory, pest control and implications for production. 2017 , 12, e0183405	11
899	The costs of saving nature: Does it make "cents"?. 2017 , 15, e2003292	1
898	Assessing the water-purification service in an integrated agricultural wetland within the Venetian Lagoon drainage system. 2017 , 68, 2205	11

897	Aligning Land Use with Land Potential: The Role of Integrated Agriculture. 2017 , 2, 170007	19
896	The Impact of Policy Instruments on Soil Multifunctionality in the European Union. 2017 , 9, 407	33
895	Intercropping with Switchgrass Improves Net Greenhouse Gas Balance in Hybrid Poplar Plantations on a Sand Soil. 2017 , 81, 781-795	5
894	Utilizing relationships between ecosystem services, built environments, and building materials. 2017 , 3-27	2
893	Expert Estimates of the Share of Agricultural Support that Compensates European Farmers for Providing Public Goods and Services. 2018 , 147, 264-275	5
892	Analyzing ecosystem services in apple orchards using the STICS model. 2018 , 94, 108-119	7
891	Does certified organic agriculture increase agroecosystem health? Evidence from four farming systems in Uganda. 2018 , 16, 150-166	6
890	Mapping environmental land use conflict potentials and ecosystem services in agricultural watersheds. 2018 , 630, 827-838	45
889	Ecosystem services in life cycle assessment: A synthesis of knowledge and recommendations for biofuels. 2018 , 30, 200-210	22
888	An ecological perspective on managing weeds during the great selection for herbicide resistance. 2018 , 74, 2277-2286	33
887	Complementarity and synergisms among ecosystem services supporting crop yield. 2018 , 17, 38-47	36
886	Patterns of ecosystem services supply across farm properties: Implications for ecosystem services-based policy incentives. 2018 , 634, 941-950	9
885	Understanding relationships among ecosystem services across spatial scales and over time. 2018 , 13, 054020	49
884	A framework to identify indicator species for ecosystem services in agricultural landscapes. 2018 , 91, 278-286	17
883	Impact of pesticides in karst groundwater. Review of recent trends in Yucatan, Mexico. 2018 , 7, 20-29	33
882	Mechanisms and indicators for assessing the impact of biofuel feedstock production on ecosystem services. 2018 , 114, 157-173	27
881	An integrated biophysical and ecosystem approach as a base for ecosystem services analysis across regions. 2018 , 31, 242-254	14
880	Effects of no-tillage and non-inversion tillage on weed community diversity and crop yield over nine years in a Mediterranean cereal-legume cropland. 2018 , 179, 54-62	19

879	Weed control method drives conservation tillage efficiency on farmland breeding birds. 2018 , 256, 74-81	12
878	Does Intensive Tillage Enhance Productivity and Reduce Risk Exposure? Panel Data Evidence from Smallholders' Agriculture in Ethiopia. 2018 , 69, 756-776	8
877	Building Bioeconomy in Agriculture: Harnessing Soil Microbes for Sustaining Ecosystem Services. 2018 , 261-277	1
876	Birds as suppliers of pest control in cider apple orchards: Avian biodiversity drivers and insectivory effect. 2018 , 254, 233-243	23
875	Ranching practices interactively affect soil nutrients in subtropical wetlands. 2018 , 254, 130-137	12
874	A safe space of rural areas in the context of the occurrence of extreme weather events—a case study covering a part of the Euroregion Baltic. 2018 , 71, 518-529	2
873	China's new rural "separating three property rights" land reform results in grassland degradation: Evidence from Inner Mongolia. 2018 , 71, 170-182	57
872	Forecasting tillage and soil warming effects on earthworm populations. 2018 , 55, 1498-1509	13
871	Tillage and herbicide reduction mitigate the gap between conventional and organic farming effects on foraging activity of insectivorous bats. 2018 , 8, 1496-1506	10
870	Relationships between multiple biodiversity components and ecosystem services along a landscape complexity gradient. 2018 , 218, 247-253	47
869	Spatio-temporal evolution of the early-warning status of cultivated land and its driving factors: A case study of Heilongjiang Province, China. 2018 , 72, 280-292	16
868	A social-ecological analysis of ecosystem services supply and trade-offs in European wood-pastures. 2018 , 4, eaar2176	40
867	Enhancing Soil Organic Matter as a Route to the Ecological Intensification of European Arable Systems. 2018 , 21, 1404-1415	30
866	Animal genetic resources diversity and ecosystem services. 2018 , 17, 84-91	16
865	Cropland patchiness strongest agricultural predictor of bird diversity for multiple guilds in landscapes of Ontario, Canada. 2018 , 18, 2105-2115	3
864	Natural capital and the poor in England: Towards an environmental justice analysis of ecosystem services in a high income country. 2018 , 176, 10-21	11
863	Trade-offs in berry production and biodiversity under prescribed burning and retention regimes in boreal forests. 2018 , 55, 1658-1667	12
862	An optimization model for the planning of agroecosystems: Trading off socio-economic feasibility and biodiversity. 2018 , 117, 194-204	4

861	The economic value of high nature value farming and the importance of the Common Agricultural Policy in sustaining income: The case study of the Natura 2000 Zarandul de Est (Romania). 2018 , 60, 176-187	10
860	Mainstreaming biodiversity in fisheries. 2018 , 95, 209-220	18
859	Forest ecosystem services in rural areas of Germany: Insights from the national TEEB study. 2018 , 31, 77-83	21
858	Impacts on terrestrial biodiversity of moving from a 2°C to a 1.5°C target. 2018 , 376,	19
857	Impact of <i>Lantana camara</i> hexane extract on survival, growth and development of <i>Dysdercus koenigii</i> Fabricius (Heteroptera: Pyrrhocoridae). 2018 , 38, 187-192	5
856	Identification of beef production farms in the Pampas and Campos area that stand out in economic and environmental performance. 2018 , 89, 755-770	31
855	How agricultural multiple ecosystem services respond to socioeconomic factors in Mengyin County, China. 2018 , 630, 1003-1015	15
854	Impacts of land-use and management changes on cultural agroecosystem services and environmental conflicts—a global review. 2018 , 50, 41-59	36
853	Ecosystem services and land sparing potential of urban and peri-urban agriculture: A review. 2018 , 33, 481-494	23
852	Urea deep placement for minimizing NH ₃ loss in an intensive rice cropping system. 2018 , 218, 254-266	71
851	Environmental implications of higher ethanol production and use in the U.S.: A literature review. Part II —Biodiversity, land use change, GHG emissions, and sustainability. 2018 , 81, 3159-3177	30
850	Differential effects of valuation method and ecosystem type on the monetary valuation of dryland ecosystem services: A quantitative analysis. 2018 , 159, 11-21	11
849	Pesticide Contamination and Human Health Risk Factor. 2018 , 49-68	25
848	Quantitative evaluation of the spatial resilience to the <i>B. oleae</i> pest in olive grove socio-ecological landscapes at different scales. 2018 , 84, 820-827	10
847	Long-term effects of conversion to organic farming on ecosystem services - a model simulation case study and on-farm case study in Denmark. 2018 , 42, 504-529	3
846	Resident perceptions of the impacts of large-scale sugarcane production on ecosystem services in two regions of Brazil. 2018 , 114, 63-72	4
845	Exploring the Role of Management in the Coproduction of Ecosystem Services from Spanish Wooded Rangelands. 2018 , 71, 549-559	13
844	Identifying the factors that determine ecosystem services provision in Pampean agroecosystems (Argentina) using a data-mining approach. 2018 , 25, 3-11	18

843	Plasticulture changes soil invertebrate assemblages of strawberry fields and decreases diversity and soil microbial activity. 2018 , 124, 379-393	14
842	The Institutional Work of Payments for Ecosystem Services: Why the Mundane Should Matter. 2018 , 146, 507-519	15
841	Spatial diversification of agroecosystems to enhance biological control and other regulating services: An agroecological perspective. 2018 , 621, 600-611	46
840	Agricultural landscapes between intensification and abandonment: the expectations of the public in a Central-Alpine cross-border region. 2018 , 43, 428-442	11
839	The status of biological control and recommendations for improving uptake for the future. 2018 , 63, 155-167	113
838	Food sovereignty and consumer sovereignty: Two antagonistic goals?. 2018 , 42, 274-298	11
837	Soil and ecosystem services: Current knowledge and evidences from Italian case studies. 2018 , 123, 693-698	19
836	Vulnerability of crops and croplands in the US Northern Plains to predicted climate change. 2018 , 146, 219-230	15
835	Influence of land use and land cover changes on ecosystem services in the Bilate Alaba Sub-watershed, Southern Ethiopia. 2018 , 10, 228-238	10
834	What Have We Learned? Looking Back and Pressing Forward. 2018 , 475-487	
833	Limits of Concern: suggestions for the operationalisation of a concept to determine the relevance of adverse effects in the ERA of GMOs. 2018 , 30, 39	4
832	Migration-related land use dynamics in increasingly hybrid peri-urban space: insights from two agricultural communities in Bolivia. 2018 , 40, 136-157	5
831	Towards Place-Based Research to Support Social&Ecological Stewardship. 2018 , 10, 1434	21
830	Is the future of agriculture perennial? Imperatives and opportunities to reinvent agriculture by shifting from annual monocultures to perennial polycultures. 2018 , 1,	65
829	Agriculture in a Green Economy. 2018 , 1-12	
828	Predatory Mites (Acari: Phytoseiidae) in Agro-Ecosystems and Conservation Biological Control: A Review and Explorative Approach for Forecasting Plant-Predatory Mite Interactions and Mite Dispersal. 2018 , 6,	14
827	Relational values in agroecosystem governance. 2018 , 35, 108-115	26
826	Oil palm land conversion in Par� Brazil, from 2006�2014: evaluating the 2010 Brazilian Sustainable Palm Oil Production Program. 2018 , 13, 034037	28

825	Where can switchgrass production be more profitable than corn and soybean? An integrated subfield assessment in Iowa, USA. 2018 , 10, 473-488	7
824	What Have We Learned from the Land Spring-sharing Model?. 2018 , 10, 1760	94
823	Ecological Intensification in Asian Rice Production Systems. 2018 , 1-23	1
822	Functional Redundancy in bird community decreases with riparian forest width reduction. 2018 , 8, 10395-10408	
821	A novel management-based system of payments for ecosystem services for targeted agri-environmental policy. 2018 , 34, 74-84	23
820	Permaculture—Scientific Evidence of Principles for the Agroecological Design of Farming Systems. 2018 , 10, 3218	27
819	Assessment of the Spatial Dynamics and Interactions among Multiple Ecosystem Services to Promote Effective Policy Making across Mediterranean Island Landscapes. 2018 , 10, 3285	22
818	OBSOLETE: Fragmentation and habitat loss. 2018 ,	4
817	Animal welfare and environmental issues. 2018 , 69-89	1
816	Large-scale bioenergy production: how to resolve sustainability trade-offs?. 2018 , 13, 024011	62
815	Comparison of ecosystem services provided by grasslands with different utilization patterns in China—Inner Mongolia Autonomous Region. 2018 , 28, 1399-1414	16
814	Beef production and ecosystem services in Canada—prairie provinces: A review. 2018 , 166, 152-172	15
813	Meeting global land restoration and protection targets: What would the world look like in 2050?. 2018 , 52, 259-272	43
812	Towards resilience through systems-based plant breeding. A review. 2018 , 38, 42	44
811	Both woody and herbaceous semi-natural habitats are essential for spider overwintering in European farmland. 2018 , 267, 141-146	29
810	Evaluation of Climate Change Adaptation Alternatives for Smallholder Farmers in the Upper Blue-Nile Basin. 2018 , 151, 142-150	15
809	Impacts of urbanization on ecosystem services and their temporal relations: A case study in Northern Ningxia, China. 2018 , 77, 163-173	86
808	From science to application: field demonstrations to enhance sustainable rice production in the north of Vietnam—lessons from the LEGATO project. 2018 , 16, 353-358	2

807	Converting "trade-offs" to "trade-ons" for greatly enhanced food security in Africa: multiple environmental, economic and social benefits from "socially modified crops" 2018 , 10, 505-524	22
806	Biodiversity Response to Habitat Loss and Fragmentation. 2018 , 229-239	13
805	Temporal Dynamics of Ecosystem Services. 2018 , 151, 122-130	35
804	Soil Carbon Stock. 2018 , 39-136	5
803	Carbon Sequestration in Cropland Soils. 2018 , 137-173	
802	Ecosystem service analysis in marginal agricultural lands: A case study in Belize. 2018 , 32, 70-77	11
801	Subtle foodscape displacement of a native ungulate by free-ranging livestock in a forest agroecosystem. 2018 , 9, e02280	2
800	Landscape-scale analysis of cropping system effects on soil quality in a context of crop-livestock farming. 2018 , 265, 166-177	18
799	Integrated pest management for resource-limited farmers: challenges for achieving ecological, social and economic sustainability. 2018 , 156, 408-426	30
798	Straw incorporation increases crop yield and soil organic carbon sequestration but varies under different natural conditions and farming practices in China: a system analysis. 2018 , 15, 1933-1946	50
797	Net value of farmland ecosystem services in China. 2018 , 29, 2291-2298	10
796	Elucidating Local Food Production to Identify the Principles and Challenges of Sustainable Agriculture. 2018 , 47-81	6
795	Land use efficiency through analysis of agrological capacity and ecosystem services in an industrialized region (Biscay, Spain). 2018 , 78, 650-661	12
794	Reduced nitrate leaching from an Irish cropland soil under non-inversion tillage with cover cropping greatly outweighs increased dissolved organic nitrogen leaching. 2018 , 265, 340-349	13
793	Arthropod pest complex and associated damage in field-grown tomato in Senegal. 2018 , 38, 243-253	9
792	Understanding Poverty in Cash-crop Agro-forestry Systems: Evidence from Ghana and Ethiopia. 2018 , 154, 31-41	13
791	Assessing the feasibility of carbon payments and Payments for Ecosystem Services to reduce livestock grazing pressure on saltmarshes. 2018 , 225, 46-61	11
790	Weed-Species Abundance and Diversity Indices in Relation to Tillage Systems and Fertilization. 2018 , 6,	26

789	Alternative Management Practices Improve Soil Health Indices in Intensive Vegetable Cropping Systems: A Review. 2018 , 6,	42
788	Confronting Climate Change Challenges to Dryland Cereal Production: A Call for Collaborative, Transdisciplinary Research, and Producer Engagement. 2018 , 5,	10
787	Mapping Watershed-Level Ecosystem Service Bundles in the Pearl River Delta, China. 2018 , 152, 106-117	55
786	Stoichiometric responses to nano ZnO under warming are modified by thermal evolution in <i>Daphnia magna</i> . 2018 , 202, 90-96	4
785	Synthesizing water quality indicators from standardized geospatial information to remedy water security challenges: A review. 2018 , 119, 220-231	23
784	The Role of Decision-making in Ecosystem Service Trade-offs in Lowland Bolivia's Amazonian Agricultural Systems. 2018 , 153, 31-42	4
783	Reconciling Life Cycle Environmental Impacts with Ecosystem Services: A Management Perspective on Agricultural Land Use. 2018 , 10, 630	8
782	Mapping Ecosystem Service Bundles to Detect Distinct Types of Multifunctionality within the Diverse Landscape of the Yangtze River Basin, China. 2018 , 10, 857	30
781	Life Cycle Assessment of a Highly Diverse Vegetable Multi-Cropping System in Fengqiu County, China. 2018 , 10, 983	18
780	Reducing Amazon Deforestation through Agricultural Intensification in the Cerrado for Advancing Food Security and Mitigating Climate Change. 2018 , 10, 989	31
779	Dependency of Businesses on Flows of Ecosystem Services: A Case Study from the County of Dorset, UK. 2018 , 10, 1368	7
778	Conflicting Values in Rural Planning: A Multifunctionality Approach through Social Multi-Criteria Evaluation. 2018 , 10, 1431	11
777	Influence of land use change on the ecosystem service trade-offs in the ecological restoration area: Dynamics and scenarios in the Yanhe watershed, China. 2018 , 644, 556-566	100
776	Evaluating strategies for sustainable intensification of US agriculture through the Long-Term Agroecosystem Research network. 2018 , 13, 034031	39
775	Conservation agriculture and cover crop practices to regulate water, carbon and nitrogen cycles in the low-lying Venetian plain. 2018 , 167, 236-249	36
774	A spatially explicit representation of conservation agriculture for application in global change studies. 2018 , 24, 4038-4053	36
773	Impacts of selected Ecological Focus Area options in European farmed landscapes on climate regulation and pollination services: a systematic map protocol. 2018 , 7,	5
772	Human drivers, biophysical changes, and climatic variation affecting contemporary cropping proportions in the northern prairie of the U.S. 2018 , 13, 32-58	9

771	European farmersâincentives to promote natural pest control service in arable fields. 2018 , 78, 682-690	12
770	Managing Successional Stage Heterogeneity to Maximize Landscape-Wide Biodiversity of Aquatic Vegetation in Ditch Networks. 2018 , 9, 1013	9
769	Spatial and temporal shifts in functional and taxonomic diversity of dung beetles in a human-modified tropical forest landscape. 2018 , 95, 518-526	22
768	Determining factors driving sustainable performance through the application of lean management practices in horticultural primary production. 2018 , 203, 400-417	22
767	Artificial Aquatic Ecosystems. 2018 , 10, 1096	21
766	High-resolution trade-off analysis and optimization of ecosystem services and disservices in agricultural landscapes. 2018 , 107, 105-118	14
765	Social-ecological outcomes of agricultural intensification. 2018 , 1, 275-282	141
764	Bright spots in agricultural landscapes: Identifying areas exceeding expectations for multifunctionality and biodiversity. 2018 , 55, 2731-2743	21
763	Soil Carbon in the World: Ecosystem Services Linked to Soil Carbon in Forest and Agricultural Soils. 2018 , 1-38	5
762	A methodological approach to identify agro-biodiversity hotspots for priority in situ conservation of plant genetic resources. 2018 , 13, e0197709	15
761	Soil Carbon. 2018 , 1-28	5
760	Soil and Water Management for Ecosystem Services Provision in Agricultural Landscapes: The Challenge of Monitoring. 2019 , 53-67	
759	What agricultural practices are most likely to deliver âsustainable intensificationâin the UK?. 2019 , 8, e00148	26
758	Integrating Biodiversity Conservation into Agroecosystem Management: Using Birds to Bring Conservation and Agricultural Production Together. 2019 , 139-153	3
757	Soil health assessment: A critical review of current methodologies and a proposed new approach. 2019 , 648, 1484-1491	88
756	Peri-urban transformation and shared natural resources: the case of shea trees depletion and livelihood in Wa municipality, Northwestern Ghana. 2019 , 38, 374-389	6
755	Organic amendment strengthens interkingdom associations in the soil and rhizosphere of barley (<i>Hordeum vulgare</i>). 2019 , 695, 133885	14
754	A multifunctional approach for achieving simultaneous biodiversity conservation and farmer livelihood in coffee agroecosystems. 2019 , 238, 108179	12

753	Environmental sustainability of conventional and organic farming: Accounting for ecosystem services in life cycle assessment. 2019 , 695, 133841	37
752	Impacts of Agricultural Management Systems on Biodiversity and Ecosystem Services in Highly Simplified Dryland Landscapes. 2019 , 11, 3223	10
751	Effects of soybean-tea intercropping on soil-available nutrients and tea quality. 2019 , 41, 1	10
750	Effects of Replanting and Retention of Mature Oil Palm Riparian Buffers on Ecosystem Functioning in Oil Palm Plantations. 2019 , 2,	9
749	The Ecological Limits of Poverty Alleviation in an African Forest-Agriculture Landscape. 2019 , 3,	5
748	Experimental research on trade-offs in ecosystem services: The agro-ecosystem functional spectrum. 2019 , 106, 105536	6
747	Bioenergy and ecosystem services trade-offs and synergies in marginal agricultural lands: A remote-sensing-based assessment method. 2019 , 237, 117672	19
746	Effect of Nitrogen Fertilization on the Growth and Seed Yield of Sesame (<i>Sesamum indicum</i> L.). 2019 , 2019, 1-7	7
745	Relevance of Intermittent Rivers and Streams in Agricultural Landscape and Their Impact on Provided Ecosystem Services-A Mediterranean Case Study. 2019 , 16,	20
744	Knowledge, Attitude and Practice in Water Resources Management among Smallholder Irrigators in the Tsavo Sub-Catchment, Kenya. 2019 , 8, 130	6
743	The effect of accelerated soil erosion on hillslope morphology. 2019 , 44, 3007-3019	8
742	Integrating multipurpose perennial grains crops in Western European farming systems. 2019 , 284, 106591	18
741	Measures to Safeguard and Enhance Soil-Related Ecosystem Services. 2019 , 341-358	
740	Reviewing Vietnam's Nationally Determined Contribution: A New Perspective Using the Marginal Cost of Abatement. 2019 , 3,	8
739	Impacts of land use intensification on human wellbeing: Evidence from rural Mozambique. 2019 , 59, 101976	13
738	References. 2019 , 279-293	
737	Evaluating the effects of integrating trees into temperate arable systems on pest control and pollination. 2019 , 176, 102676	12
736	Good Governance: A Framework for Implementing Sustainable Land Management, Applied to an Agricultural Case in Northeast-Brazil. 2019 , 11, 4303	4

735	Ecosystem services under future oil palm expansion scenarios in West Kalimantan, Indonesia. 2019 , 39, 100978	5
734	Assessment of forest ecosystem service research trends and methodological approaches at global level: a meta-analysis. 2019 , 8,	22
733	Interaction Between Conservation Tillage and Nitrogen Fertilization Shapes Prokaryotic and Fungal Diversity at Different Soil Depths: Evidence From a 23-Year Field Experiment in the Mediterranean Area. 2019 , 10, 2047	29
732	Economic value of regulating ecosystem services: a comprehensive at the global level review. 2019 , 191, 616	7
731	The future of agriculture and food: Evaluating the holistic costs and benefits. 2019 , 6, 270-278	8
730	A method for data downscaling in estimations of food-provisioning service in a mountainous region. 2019 , 195, 104379	4
729	Conservation agriculture effects on soil properties and crop productivity in a semiarid region of India. 2019 , 57, 187	13
728	Domesticating the Undomesticated for Global Food and Nutritional Security: Four Steps. 2019 , 9, 491	17
727	Insights into the importance of ecosystem services to human well-being in reservoir landscapes. 2019 , 39, 100987	20
726	Evidence Synthesis as the Basis for Decision Analysis: A Method of Selecting the Best Agricultural Practices for Multiple Ecosystem Services. 2019 , 3,	12
725	Landscape patterns of primary production reveal agricultural benefits from forest conservation. 2019 , 17, 136-145	3
724	Agroforestry delivers a win-win solution for ecosystem services in sub-Saharan Africa. A meta-analysis. 2019 , 39, 1	52
723	Management effects on plant species composition and ecosystem processes and services in a nutrient-poor wet grassland. 2019 , 220, 1009-1020	3
722	Linking landscape ecology and land system architecture for land system science: an introduction to the special issue. 2019 , 14, 123-134	6
721	Lablab Purpureus Influences Soil Fertility and Microbial Diversity in a Tropical Maize-Based No-Tillage System. 2019 , 3, 50	2
720	Regenerating Agricultural Landscapes with Perennial Groundcover for Intensive Crop Production. 2019 , 9, 458	17
719	Agrowaste bioconversion and microbial fortification have prospects for soil health, crop productivity, and eco-enterprising. 2019 , 8, 457-472	16
718	A simulation study of synergies and tradeoffs between multiple ecosystem services in apple orchards. 2019 , 236, 1-16	12

7 ¹⁷	Pollinator-mediated interactions between cultivated papaya and co-flowering plant species. 2019 , 9, 587-597	4
7 ¹⁶	The Role of Cultural Landscapes in the Delivery of Provisioning Ecosystem Services in Protected Areas. 2019 , 11, 2471	9
7 ¹⁵	The Importance of Cultural Ecosystem Services and Biodiversity for Landscape Visitors in the Biosphere Reserve Swabian Alb (Germany). 2019 , 11, 2650	8
7 ¹⁴	Trade-offs and synergies between seed yield, forage yield, and N-related disservices for a semi-arid perennial grassland under different nitrogen fertilization strategies. 2019 , 55, 497-509	8
7 ¹³	Zero Hunger. 2019 , 1-10	0
7 ¹²	Assessing spatial temporal patterns of ecosystem services in Switzerland. 2019 , 34, 1379-1394	12
7 ¹¹	Agroecological Strategies for Reactivating the Agrarian Sector: The Case of Agrolab in Madrid. 2019 , 11, 1181	11
7 ¹⁰	Local Scale Prioritisation of Green Infrastructure for Enhancing Biodiversity in Peri-Urban Agroecosystems: A Multi-Step Process Applied in the Metropolitan City of Rome (Italy). 2019 , 11, 3322	12
7 ⁰⁹	Monitoring the Sustainable Intensification of Arable Agriculture: the Potential Role of Earth Observation. 2019 , 81, 125-136	6
7 ⁰⁸	Nutrient Loss in Snowmelt Runoff: Results from a Long-term Study in a Dryland Cropping System. 2019 , 48, 831-840	11
7 ⁰⁷	Changes in Land Plot Morphology Resulting from the Construction of a Bypass: The Example of a Polish City. 2019 , 11, 2987	3
7 ⁰⁶	Farmer and Farmland Owner Views on Spatial Targeting for Soil Conservation and Water Quality. 2019 , 55, 3796-3814	9
7 ⁰⁵	Assessing Food Systems and Their Impact on Common Pool Resources and Resilience. 2019 , 8, 71	4
7 ⁰⁴	Ecosystem service synergies/trade-offs informing the supply-demand match of ecosystem services: Framework and application. 2019 , 37, 100939	56
7 ⁰³	Bayesian Belief Network-based assessment of nutrient regulating ecosystem services in Northern Germany. 2019 , 14, e0216053	16
7 ⁰²	Assessing land use/cover dynamics and exploring drivers in the Amazon's arc of deforestation through a hierarchical, multi-scale and multi-temporal classification approach. 2019 , 15, 100233	7
7 ⁰¹	Pathways to Modelling Ecosystem Services within an Urban Metabolism Framework. 2019 , 11, 2766	20
7 ⁰⁰	Exploring sense of place across cultivated lands through public participatory mapping. 2019 , 34, 1675-1692	15

699	Trade-offs and cost-benefit of ecosystem services of revegetated degraded alpine meadows over time on the Qinghai-Tibetan Plateau. 2019 , 279, 130-138	21
698	Pollination contribution to crop yield is often context-dependent: A review of experimental evidence. 2019 , 280, 16-23	35
697	Delivering sustainability in agricultural systems: some implications for institutional analysis. 2019 , 211-231	
696	Precision Farming at the Nexus of Agricultural Production and the Environment. 2019 , 11, 313-335	107
695	Managing fertility with animal waste to promote arthropod pest suppression. 2019 , 134, 130-140	16
694	Coordinating ecosystem service trade-offs to achieve win-win outcomes: A review of the approaches. 2019 , 82, 103-112	37
693	Variations in ecosystem services in response to paddy expansion in the Sanjiang Plain, Northeast China. 2019 , 17, 158-171	9
692	Effects of Land Use and Restoration on Soil Microbial Communities. 2019 , 173-242	2
691	Honey bee colony performance and health are enhanced by apiary proximity to US Conservation Reserve Program (CRP) lands. 2019 , 9, 4894	31
690	Enabling policy innovations promoting multiple ecosystem benefits: lessons learnt from case studies in the Baltic Sea Region. 2019 , 21, 546-564	4
689	Developing stakeholder-driven scenarios on land sharing and land sparing - Insights from five European case studies. 2019 , 241, 488-500	28
688	The effect of climate change adaptation strategy on farm households welfare in the Nile basin of Ethiopia. 2019 , 11, 518-535	7
687	Impact of crop aerial and root biomass inputs on soil nitrifiers and cellulolytic microorganisms. 2019 , 191, 85-97	1
686	Sensitive detection of Trifluralin in untreated human plasma samples using reduced graphene oxide modified by polyethylene imine and silver nanoparticles: A new platform on the analysis of pesticides and chemical injuries. 2019 , 147, 741-748	20
685	Predation on stink bugs (Hemiptera: Pentatomidae) in cotton and soybean agroecosystems. 2019 , 14, e0214325	6
684	Structuring Markets for Resilient Farming Systems. 2019 , 39, 1	27
683	Evaluation of cultural ecosystem services: A review of methods. 2019 , 37, 100925	83
682	Potential net primary production footprint of agriculture: A global trade analysis. 2019 , 23, 1133-1142	17

681	How does eutrophication impact bundles of ecosystem services in multiple coastal habitats using state-and-transition models. 2019 , 174, 144-153	4
680	Towards valuation of biodiversity in agricultural soils: A case for earthworms. 2019 , 159, 291-300	41
679	Do reductions in agricultural field drainage during the growing season impact bacterial densities and loads in small tile-fed watersheds?. 2019 , 151, 423-438	4
678	Bibliometric analysis of highly cited articles on ecosystem services. 2019 , 14, e0210707	62
677	Perceived ecosystem services synergies, trade-offs, and bundles in European high nature value farming landscapes. 2019 , 34, 1565-1581	37
676	The LCA4CSA framework: Using life cycle assessment to strengthen environmental sustainability analysis of climate smart agriculture options at farm and crop system levels. 2019 , 171, 155-170	20
675	Individual and Social Preferences in Participatory Multi-Criteria Evaluation. 2019 , 11, 5746	1
674	The Scarecrow as an Indicator of Changes in the Cultural Heritage of Rural Poland. 2019 , 11, 6857	9
673	Methyl Salicylate Increases Attraction and Function of Beneficial Arthropods in Cranberries. 2019 , 10,	8
672	Improving ecosystem assessments in Mediterranean social-ecological systems: a DPSIR analysis. 2019 , 15, 136-155	22
671	Physiology and Genetics of Plant Architecture. 2019 , 1031-1068	2
670	Sustainability Dimensions of a North American Lentil System in a Changing World. 2019 , 3,	8
669	The functional agrobiodiversity in the Douro demarcated region viticulture: utopia or reality? Arthropods as a case-study âA review. 2019 , 34, 102-114	3
668	When food systems meet sustainability âCurrent narratives and implications for actions. 2019 , 113, 116-130	198
667	Predicting impacts of chemicals from organisms to ecosystem service delivery: A case study of endocrine disruptor effects on trout. 2019 , 649, 949-959	14
666	Impact assessment of energy utilization in agriculture for India and Pakistan. 2019 , 648, 1520-1526	19
665	Intercropping for enhancement and provisioning of ecosystem services in smallholder, rural farming systems in KwaZulu-Natal Province, South Africa: a review. 2019 , 33, 145-176	5
664	Calliphoridae (Diptera) in Human-Transformed and Wild Habitats: Diversity and Seasonal Fluctuations in the Humid Chaco Ecoregion of South America. 2019 , 56, 725-736	18

663	Effects of Agrochemicals on Freshwater Macroinvertebrates: Challenges and Perspectives from Southeastern Brazil. 2019 , 28, 1-4	3
662	Trade-offs and synergies between livestock production and other ecosystem services. 2019 , 168, 58-72	16
661	Management trade-offs on ecosystem services in apple orchards across Europe: Direct and indirect effects of organic production. 2019 , 56, 802-811	35
660	Assessment of the sustainability of wild rocket (<i>Diplotaxis tenuifolia</i>) production: Application of a multi-criteria method to different farming systems in the province of Udine. 2019 , 97, 301-310	5
659	RADIATION DOSE ESTIMATION BY COMPLETELY AUTOMATED INTERPRETATION OF THE DICENTRIC CHROMOSOME ASSAY. 2019 , 186, 42-47	9
658	Applying the ecosystem services concept to aquaculture: A review of approaches, definitions, and uses. 2019 , 35, 194-206	30
657	The Ecosystem Services of Marine Aquaculture: Valuing Benefits to People and Nature. 2019 , 69, 59-68	55
656	Could bovine livestock intensification in Pantanal be neutral regarding enteric methane emissions?. 2019 , 655, 463-472	17
655	Comparing Ecosystem Service Preferences between Urban and Rural Dwellers. 2019 , 69, 108-116	14
654	Leveraging total factor productivity growth for sustainable and resilient farming. 2019 , 2, 22-28	47
653	Towards multifunctional land use in an agricultural landscape: A trade-off and synergy analysis in the Lower Fraser Valley, Canada. 2019 , 184, 88-100	17
652	Tree pruning, zone and fertiliser interactions determine maize productivity in the <i>Faidherbia albida</i> (Delile) A. Chev parkland agroforestry system of Ethiopia. 2019 , 93, 1897-1907	8
651	Using Bibliometric Analysis to Understand the Recent Progress in Agroecosystem Services Research. 2019 , 156, 293-305	29
650	Local and Landscape Scale Effects of Heterogeneity in Shaping Bird Communities and Population Dynamics. 2019 , 231-243	3
649	Grassland Functional Diversity and Management for Enhancing Ecosystem Services and Reducing Environmental Impacts. 2019 , 211-230	2
648	Environmental Benefits of Farm- and District-Scale Crop-Livestock Integration. 2019 , 335-349	1
647	Determining nature's contributions to achieve the sustainable development goals. 2019 , 14, 543-547	17
646	Agriculture and Ecosystem Services. 2019 , 9-13	2

645	Tools for Sustainable Soil Management: Soil Ecosystem Services, EROI and Economic Analysis. 2019 , 157, 109-119	9
644	Land use change and ecosystem services in mountainous watersheds: Predicting the consequences of environmental policies with cellular automata and hydrological modeling. 2019 , 122, 103982	23
643	A Bayesian Belief Network -Based approach to link ecosystem functions with rice provisioning ecosystem services. 2019 , 100, 30-44	29
642	Incorporating ecosystem services into agricultural management based on land use/cover change in Northeastern China. 2019 , 144, 401-411	9
641	Exploring the potential for marine aquaculture to contribute to ecosystem services. 2020 , 12, 499-512	34
640	Juglans regia (walnut) in temperate arable agroforestry systems: effects on soil characteristics, arthropod diversity and crop yield. 2020 , 35, 533-549	8
639	Introduction. 2020 , 1-4	
638	Assessing the capacity of three Bolivian food systems to provide farm-based agroecosystem services. 2020 , 15, 142-171	4
637	Defining Pollinator Health: A Holistic Approach Based on Ecological, Genetic, and Physiological Factors. 2020 , 8, 269-294	30
636	Economic evaluation of green water in cereal crop production: A production function approach. 2020 , 29, 100148	8
635	Past intensification trajectories of livestock led to mixed social and environmental services. 2020 , 14, 598-608	1
634	Sward height determines pasture production and animal performance in a long-term soybean-beef cattle integrated system. 2020 , 177, 102716	19
633	Impact assessment of metals on soils from Machu Picchu archaeological site. 2020 , 242, 125249	1
632	Assessing the suitability of FROM-GLC10 data for understanding agricultural ecosystems in China: Beijing as a case study. 2020 , 11, 11-18	7
631	Ecosystem services research in mountainous regions: A systematic literature review on current knowledge and research gaps. 2020 , 702, 134581	44
630	Quantifying the net benefit of land use of fruit trees in China. 2020 , 90, 104276	8
629	Trends and gaps in forecasting plant virus disease risk. 2020 , 176, 102-108	7
628	Minimising the loss of biodiversity and ecosystem services in an intact landscape under risk of rapid agricultural development. 2020 , 15, 014001	17

627	Trade-off between surface runoff and soil erosion during the implementation of ecological restoration programs in semiarid regions: A meta-analysis. 2020 , 712, 136477	28
626	Cropping pattern changes diminish agroecosystem services in North and South Dakota, USA. 2020 , 112, 1-24	21
625	Soil carbon simulation confounded by different pool initialisation. 2020 , 116, 245-255	3
624	Indices to identify and quantify ecosystem services in sustainable food systems. 2020 , 43-71	3
623	Reinforcing ecosystem services through conservation agriculture in sustainable food systems. 2020 , 119-133	2
622	Challenges in maximizing benefits from ecosystem services and transforming food systems. 2020 , 263-274	1
621	Detecting temporal changes in the extent of High Nature Value farmlands: The case-study of the Entre-Douro-e-Minho Region, Portugal. 2020 , 195, 103726	4
620	Beneficial land use change: Strategic expansion of new biomass plantations can reduce environmental impacts from EU agriculture. 2020 , 60, 101990	30
619	Tradeoffs between agricultural production and ecosystem services: A case study in Zhangye, Northwest China. 2020 , 707, 136032	27
618	Artificial canopy bridges improve connectivity in fragmented landscapes: The case of Javan slow lorises in an agroforest environment. 2020 , 82, e23076	11
617	The overlooked spatial dimension of climate-smart agriculture. 2020 , 26, 1045-1054	10
616	Caterpillar-parasitoid food webs and biological control in two extensive crops. 2020 , 143, 104184	2
615	Balancing Forage Production, Seed Yield, and Pest Management in the Perennial Sunflower <i>Silphium integrifolium</i> (Asteraceae). 2020 , 10, 1471	3
614	Agricultural land use and the sustainability of social-ecological systems. 2020 , 437,	12
613	The effect of agri-environment schemes on bees on Shropshire farms. 2020 , 58, 125895	3
612	A social-ecological systems approach for the assessment of ecosystem services from beef production in the Canadian prairie. 2020 , 45, 101172	5
611	A brighter future: Complementary goals of diversity and multifunctionality to build resilient agricultural landscapes. 2020 , 26, 100407	4
610	An ecological future for weed science to sustain crop production and the environment. A review. 2020 , 40, 1	34

609	No-Till Farming and Conservation Agriculture in South Asia –Issues, Challenges, Prospects and Benefits. 2020 , 39, 236-279	22
608	Quantifying Soil Compaction in Persimmon Orchards Using ISUM (Improved Stock Unearthing Method) and Core Sampling Methods. 2020 , 10, 266	10
607	Insectivorous bats foraging in cotton crop interiors is driven by moon illumination and insect abundance, but diversity benefits from woody vegetation cover. 2020 , 302, 107068	7
606	Developing a decision support tool for evaluating the environmental performance of olive production in terms of energy use and greenhouse gas emissions. 2020 , 24, 156-168	6
605	Long-Term Chemical-Only Fertilization Induces a Diversity Decline and Deep Selection on the Soil Bacteria. 2020 , 5,	16
604	Three Decades of Changes in Brazilian Municipalities and Their Food Production Systems. 2020 , 9, 422	2
603	Using Analytic Hierarchy Process to Map and Quantify the Ecosystem Services in Oualidia Lagoon, Morocco. 2020 , 40, 2123-2137	4
602	The COVID-19 Pandemic and Global Food Security. 2020 , 7, 578508	29
601	Spatial Correlations Don't Predict Changes in Agricultural Ecosystem Services: A Canada-Wide Case Study. 2020 , 4,	5
600	Towards Sustainable Organic Farming Systems. 2020 , 12, 9832	4
599	Influence of peach (<i>Prunus persica</i> Batsch) phenological stage on the short-term changes in oxidizable and labile pools of soil organic carbon and activities of carbon-cycle enzymes in the North-Western Himalayas. 2020 , 30, 638-650	3
598	Widespread and major losses in multiple ecosystem services as a result of agricultural expansion in the Argentine Chaco. 2020 , 57, 2485-2498	16
597	Assessment of the Resilience of a Tartary Buckwheat (<i>Fagopyrum tataricum</i>) Cultivation System in Meigu, Southwest China. 2020 , 12, 5683	1
596	Soil carbon dioxide emissions in eggplants based on cover crop residue management. 2020 , 118, 39-55	7
595	Sensitivity of global major crop yields to climate variables: A non-parametric elasticity analysis. 2020 , 748, 141431	9
594	<i>Urochloa</i> in Tropical Agroecosystems. 2020 , 4,	9
593	Resident and stakeholder perceptions of ecosystem services associated with agricultural landscapes in New Hampshire. 2020 , 45, 101153	10
592	The advantages of using field- and farm-scale data to target agri-environmental measures –an example of afforestation. 2020 , 114, 14-21	1

591	A novel methodology to characterize and quantify regional farmscape non-production perennial vegetation carbon storage and potential for loss in Southwest British Columbia. 2020 , 94, 1947-1958	
590	Local resource utilization in integrated pest management in Lampung Province. 2020 , 484, 012069	
589	Synergisms in Science: Climate Change and Integrated Pest Management Through the Lens of Communication-2019 Student Debates. 2020 , 20,	1
588	Ecological and Nutritional Functions of Agroecosystems as Indicators of Smallholder Resilience. 2020 , 4,	4
587	Parcel-based layout as a factor affecting the potential availability of ecosystem services provided by tree belts. 2020 , 119, 106836	0
586	Challenges and Solutions for Sustainable Groundwater Usage: Pollution Control and Integrated Management. 2020 , 6, 310-327	7
585	Responses of soil bacteria and fungi after 36 years fertilizer, straw cover and irrigation management practices in northwest China. 2020 , 37, 843	1
584	Shedding light on the evidence blind spots confounding the multiple objectives of SDG 2. 2020 , 6, 1203-1210	2
583	A sustainability scoreboard for crop provision in Europe. 2020 , 46, 101194	2
582	Multi-Functional Land Use Is Not Self-Evident for European Farmers: A Critical Review. 2020 , 8,	11
581	Smart Farming Introduction in Wine Farms: A Systematic Review and a New Proposal. 2020 , 12, 7191	7
580	The 10 Elements of Agroecology: enabling transitions towards sustainable agriculture and food systems through visual narratives. 2020 , 16, 230-247	35
579	Holistic identification and assessment of environmental risks of arable land use in two grain producing areas of China. 2020 , 6, 1784043	1
578	Linking Ecosystem Services and the SDGs to Farm-Level Assessment Tools and Models. 2020 , 12, 6617	3
577	Provision of contrasted nitrogen-related ecosystem services among grain legumes. 2020 , 40, 1	1
576	Secondary Metabolite Differences between Naturally Grown and Conventional Coarse Green Tea. 2020 , 10, 632	0
575	Erythromycin Treatment of Seedlings Impacts the Photosynthetic and Protein Synthesis Pathways. 2020 , 10,	3
574	Linking Coleopteran Diversity With Agricultural Management of Maize-Based Agroecosystems in Oaxaca, Mexico. 2020 , 4,	

573	Ecosystem services in vineyard landscapes: a focus on aboveground carbon storage and accumulation. 2020 , 15, 23	4
572	Public preferences for post 2020 agri-environmental policy in the Czech Republic: A choice experiment approach. 2020 , 99, 104988	6
571	Perception of Nature's Contributions to People in Rural Communities in the Eastern Amazon. 2020 , 12, 7665	1
570	How Does Improve Farmers' Attitudes toward Ecosystem Services to Support Sustainable Development of Agriculture? Based on Environmental Kuznets Curve Theory. 2020 , 12, 8655	2
569	Agricultural diversification promotes multiple ecosystem services without compromising yield. 2020 , 6,	127
568	Biogas from Agri-Food and Agricultural Waste Can Appreciate Agro-Ecosystem Services: The Case Study of Emilia Romagna Region. 2020 , 12, 8392	17
567	Social institution changes and their ecological impacts in Kazakhstan over the past hundred years. 2020 , 34, 100531	3
566	Towards complexity of agricultural sustainability assessment: Main issues and concerns. 2020 , 6, 100038	15
565	Defining and improving the rotational and intercropping value of a crop using a plant-soil feedbacks approach. 2020 , 60, 2195-2203	8
564	Forest resources and sustainable tourism, a combination for the resilience of the landscape and development of mountain areas. 2020 , 736, 139539	21
563	Ecosystem service management and spatial prioritisation in a multifunctional landscape in the Bay of Plenty, New Zealand. 2020 , 27, 275-293	4
562	Ecosystem (Dis)benefits Arising from Formal and Informal Land-Use in Manchester (UK); a Case Study of Urban Soil Characteristics Associated with Local Green Space Management. 2020 , 10, 552	1
561	Development models matter to the mutual growth of ecosystem services and household incomes in developing rural neighborhoods. 2020 , 115, 106363	3
560	Economic, land use, and ecosystem services impacts of Rwanda's Green Growth Strategy: An application of the IEEM+ESM platform. 2020 , 729, 138779	10
559	Spatial-temporal variation and tradeoffs/synergies analysis on multiple ecosystem services: A case study in the Three-River Headwaters region of China. 2020 , 116, 106494	19
558	Adoption Level of Environmentally Friendly Paddy Cultivated Innovation in Pringsewu District, Lampung Province, Indonesia. 2020 , 1467, 012025	1
557	The State of the World's Insects. 2020 , 45, 61-82	28
556	Soil system dynamics for learning about complex, feedback-driven agricultural resource problems: model development, evaluation, and sensitivity analysis of biophysical feedbacks. 2020 , 428, 109050	2

555	Ecosystem Services Provided by Insects in Brazil: What Do We Really Know?. 2020 , 49, 783-794	9
554	“Community developed and farmer delivered.” An analysis of the spatial and relational proximities of the Alternative Land Use Services program in Ontario. 2020 , 95, 104629	1
553	Managing fire risk at the wildland-urban interface requires reconciliation of tradeoffs between regulating and cultural ecosystem services. 2020 , 44, 101108	10
552	Biomass, carbon and nutrient stocks in different categories of rose (<i>Rosa</i> spp.) for optimizing input use. 2020 , 43, 2425-2444	2
551	Crop Varietal Mixtures as a Strategy to Support Insect Pest Control, Yield, Economic, and Nutritional Services. 2020 , 4,	3
550	One stone; two birds: concurrent pest control and pollination services provided by aphidophagous hoverflies. 2020 , 149, 104328	13
549	Movement patterns of an avian generalist predator indicate functional heterogeneity in agricultural landscape. 2020 , 35, 1667-1681	3
548	The impact of soil and water resource conservation on agricultural production- an analysis of the agricultural production performance in Zhejiang, China. 2020 , 240, 106268	6
547	Diversity of Rhizobia and Importance of Their Interactions with Legume Trees for Feasibility and Sustainability of the Tropical Agrosystems. 2020 , 12, 206	2
546	Farmer Mental Models of Biological Pest Control: Associations With Adoption of Conservation Practices in Blueberry and Cherry Orchards. 2020 , 4,	7
545	Community-based governance: Implications for ecosystem service supply in Berg en Dal, the Netherlands. 2020 , 117, 106510	1
544	Total factor productivity of cultivated land use in China under environmental constraints: temporal and spatial variations and their influencing factors. 2020 , 27, 18443-18462	6
543	Native plants for greening Mediterranean agroecosystems. 2020 , 6, 209-214	12
542	Spatiotemporal Changes in Ecosystem Services along a Urban-Rural-Natural Gradient: A Case Study of Xiân, China. 2020 , 12, 1133	3
541	Forest restoration scenarios produce synergies for agricultural production in southern Ethiopia. 2020 , 295, 106888	8
540	Digital mapping of soil moisture retention properties using solely satellite-based data and data mining techniques. 2020 , 585, 124786	9
539	Generated land systems: recognition and prospects of land system science. 2020 , 28, 199-207	3
538	How Are Landscapes under Agroecological Transition Perceived and Appreciated? A Belgian Case Study. 2020 , 12, 2480	1

537	Agroecological Transitions: A Mathematical Perspective on a Transdisciplinary Problem. 2020 , 4,	7
536	Differentiated payments for environmental services: A review of the literature. 2020 , 44, 101131	9
535	Conceptual Links between Landscape Diversity and Diet Diversity: A Roadmap for Transdisciplinary Research. 2020 , 70, 563-575	9
534	PEWI: An interactive web-based ecosystem service model for a broad public audience. 2020 , 431, 109165	
533	Tree species effects on understory forage productivity and microclimate in a silvopasture of the Southeastern USA. 2020 , 295, 106917	8
532	Understanding Intra-Annual Dynamics of Ecosystem Services Using Satellite Image Time Series. 2020 , 12, 710	4
531	Evolutionary approaches to seed sourcing for grassland restorations. 2020 , 225, 2246-2248	5
530	Nitrogen and phosphorus influence <i>Acacia saligna</i> invasiveness in the fynbos biome. 2020 , 221, 309-320	1
529	Quantification and mapping of the nutrient regulation ecosystem service demand on a local scale. 2020 , 16, 114-134	3
528	Remote sensing for mapping ecosystem services to support evaluation of ecological restoration interventions in an arid landscape. 2020 , 113, 106182	19
527	A Place-Based Approach to Agricultural Nonmaterial Intangible Cultural Ecosystem Service Values. 2020 , 12, 699	8
526	Spatial monitoring of grassland management using multi-temporal satellite imagery. 2020 , 113, 106201	19
525	Substantial losses in ecoregion intactness highlight urgency of globally coordinated action. 2020 , 13, e12692	19
524	Trade-off between vegetation type, soil erosion control and surface water in global semi-arid regions: A meta-analysis. 2020 , 57, 875-885	27
523	Plant diversity effects on forage quality, yield and revenues of semi-natural grasslands. 2020 , 11, 768	29
522	A deliberative research approach to valuing agro-ecosystem services in a worked landscape. 2020 , 42, 101083	9
521	Spatially Explicit Analysis of Trade-Offs and Synergies among Multiple Ecosystem Services in Shaanxi Valley Basins. 2020 , 11, 209	6
520	Demand and supply of agricultural ES: towards benefit-based policy. 2020 , 47, 1223-1249	10

519	Spatial tradeoff between biodiversity and nature-based tourism: Considering mobile phone-driven visitation pattern. 2020 , 21, e00899	10
518	Comparing microbial risks from multiple sustainable waste streams applied for agricultural use: Biosolids, manure, and diverted urine. 2020 , 14, 37-50	7
517	Cover crops as a tool to reduce reliance on intensive tillage and nitrogen fertilization in conventional arable cropping systems. 2020 , 249, 107736	12
516	A Framework to Incorporate Biological Soil Quality Indicators into Assessing the Sustainability of Territories in the Ecuadorian Amazon. 2020 , 12, 3007	13
515	Animal biodiversity in cider apple orchards: Simultaneous environmental drivers and effects on insectivory and pollination. 2020 , 295, 106918	12
514	A Systematic Map of Agroforestry Research Focusing on Ecosystem Services in the Asia-Pacific Region. 2020 , 11, 368	24
513	GIS-based soil erosion modelling under various steep-slope vineyard practices. 2020 , 193, 104604	31
512	Environmental economic analysis of saffron production. 2020 , 367-390	0
511	Impact of land use change on ecosystem services: A review. 2020 , 34, 100527	74
510	Essential fragmentation metrics for agricultural policies: Linking landscape pattern, ecosystem service and land use management in urbanizing China. 2020 , 182, 102833	20
509	¿Son los paisajes agr�colas din�micos o estables? Estudio de caso en el lago de Tota (Boyac� Colombia). 2020 , 29, 207-223	0
508	Enhancing Crop Domestication Through Genomic Selection, a Case Study of Intermediate Wheatgrass. 2020 , 11, 319	12
507	Impacts of payment for ecosystem services of mountain agricultural landscapes on farming women in Nepal. 2021 , 86, 1389-1423	3
506	Examining winter fallow farmland from space and geography: a case study in Guizhou, China. 2021 , 66, 163-178	0
505	Diminished fitness of red cotton bug <i>Dysdercus koenigii</i> Fabricius induced by the volatiles in the hexane extract of <i>Catharanthus roseus</i> . 2021 , 41, 389-399	0
504	Examining the effects of green revolution led agricultural expansion on net ecosystem service values in India using multiple valuation approaches. 2021 , 277, 111381	8
503	Exploring the commodification of biodiversity using olive oil producers' willingness to accept. 2021 , 107, 104348	6
502	Using a multivariate regression tree to analyze trade-offs between ecosystem services: Application to the main cropping area in France. 2021 , 764, 142815	7

501	Landscape service flow dynamics in the metropolitan area of Córdoba (Argentina). 2021 , 280, 111714	9
500	Organizational design and environmental performance: The case of French dairy farms. 2021 , 278, 111408	2
499	Does biochar improve all soil ecosystem services?. 2021 , 13, 291-304	11
498	Exploring the complex relationships and drivers of ecosystem services across different geomorphological types in the Beijing-Tianjin-Hebei region, China (2000–2018). 2021 , 121, 107116	12
497	Functional eradication as a framework for invasive species control. 2021 , 19, 98-107	24
496	A farming systems approach to linking agricultural policies with biodiversity and ecosystem services. 2021 , 19, 168-175	3
495	Steering the restoration of degraded agroecosystems during the United Nations Decade on Ecosystem Restoration. 2021 , 280, 111798	16
494	Potentials of community-based-ecotourism to improve human wellbeing in Cambodia: an application of millennium ecosystem assessment framework. 2021 , 28, 461-472	6
493	Enhancing ecosystem services in apple orchards: Nest boxes increase pest control by insectivorous birds. 2021 , 58, 465-475	7
492	Developing farmer typologies to inform conservation outreach in agricultural landscapes. 2021 , 101, 105157	9
491	Insect pollination and soil organic matter improve raspberry production independently of the effects of fertilizers. 2021 , 309, 107270	6
490	Landscape-dependent effects of varietal mixtures on insect pest control and implications for farmer profits. 2021 , 31, e02246	5
489	Ecosystem service mapping in soybean agroecosystems. 2021 , 121, 107061	0
488	High agricultural intensity at the landscape scale benefits pests, but low intensity practices at the local scale can mitigate these effects. 2021 , 306, 107199	3
487	Longitudinal study of changes in ecosystem services in a city of lakes, Bhopal, India. 2021 , 6, 408-424	2
486	Generating best management practices for Avian conservation with a land-sparing agricultural system. 2021 , 95, 395-405	1
485	Digital technology dilemma: on unlocking the soil quality index conundrum. 2021 , 8, 6	1
484	Ecological Intensification: A Step Towards Biodiversity Conservation and Management of Terrestrial Landscape. 2021 , 77-102	0

483	Ecosystem Services of Bulgarian Agriculture.	1
482	Using fall-seeded cover crop mixtures to enhance agroecosystem services: A review. 2021 , 4, e20161	1
481	Potential economic impact of carbon sequestration in coffee agroforestry systems. 2021 , 95, 419-430	5
480	How can models foster the transition towards future agricultural landscapes?. 2021 , 64, 305-368	6
479	Land Use and Management Effects on Sustainable Sugarcane-Derived Bioenergy. 2021 , 10, 72	17
478	Designing agricultural landscapes for arthropod-based ecosystem services in North America. 2021 , 64, 191-250	6
477	Traditional Villages in Forest Areas: Exploring the Spatiotemporal Dynamics of Land Use and Landscape Patterns in Enshi Prefecture, China. 2021 , 12, 65	7
476	Ecological Intensification for Sustainable Agriculture in South Asia. 2021 , 171-213	1
475	Management of Residues from Fruit Tree Pruning: A Trade-Off between Soil Quality and Energy Use. 2021 , 11, 236	2
474	Spatial-Temporal Changes and Driving Factors of Land-Use Eco-Efficiency Incorporating Ecosystem Services in China. 2021 , 13, 728	3
473	Ecosystem services and the resilience of agricultural landscapes. 2021 , 1-43	10
472	Land-use intensity mediates ecosystem service tradeoffs across regional social-ecological systems. 2021 , 17, 264-278	7
471	Mismatch of regulating ecosystem services for sustainable urban planning: PM10 removal and urban heat island effect mitigation in the municipality of Rome (Italy). 2021 , 57, 126938	12
470	Barn Owls select uncultivated habitats for hunting in a winegrape growing region of California. 2021 , 123,	2
469	Life on Land. 2021 , 1-20	0
468	Post-Harvest Management Practices Impact on Light Penetration and Kernza Intermediate Wheatgrass Yield Components. 2021 , 11, 442	4
467	Review: ecosystem services in permaculture systems. 2021 , 45, 794-816	4
466	China's three north shelter forest program: cost-benefit analysis and policy implications. 2021 , 23, 14605-14618	18

465	WeedâInsect Interactions in Annual Cropping Systems. 2021 , 114, 276-291	1
464	Technology alternative for managing paddy fields exposed to natural stone industry wastewater in Cirebon Regency. 2021 , 648, 012156	
463	Forest owners' interest in participation and their compensation claims in voluntary landscape value trading: The case of wind power parks in Finland. 2021 , 124, 102382	1
462	Spatio-temporal changes in habitat quality and linkage with landscape characteristics in the Beressa watershed, Blue Nile basin of Ethiopian highlands. 2021 , 281, 111885	37
461	Mathematical Modelling of Biosensing Platforms Applied for Environmental Monitoring. 2021 , 9, 50	3
460	Ecosystem Services in Working Lands of the Southeastern USA. 2021 , 5,	2
459	Grain production space reconstruction and land system function tradeoffs in China. 2021 , 2, 22-30	3
458	Analysis of participation in collective action initiatives for addressing unilateral agri-environmental externalities. 2021 , 117, 1-7	1
457	Spatiotemporal changes in ecosystem services in the conservation priorities of the southern hill and mountain belt, China. 2021 , 122, 107225	21
456	Prey removal in cotton crops next to woodland reveals periodic diurnal and nocturnal invertebrate predation gradients from the crop edge by birds and bats. 2021 , 11, 5256	1
455	Understanding the impacts of mining on ecosystem services through a systematic review. 2021 , 8, 457-466	1
454	HumanâWildlife coexistence in science and practice. 2021 , 3, e401	1
453	Landowners' Socio-Cultural Valuation of Ecosystem Services Provided by Trees in Costa Rican Agricultural Landscapes. 2021 , 67, 974-987	1
452	Will Phosphate Bio-Solubilization Stimulate Biological Nitrogen Fixation in Grain Legumes?. 2021 , 3,	2
451	Understanding cotton cultivation dynamics in Aksu Oases (NW China) by reconstructing change trajectories using multi-temporal Landsat and Sentinel-2 data. 1-19	1
450	Soil Diversity (Pedodiversity) and Ecosystem Services. 2021 , 10, 288	15
449	A revised integrated framework to evaluate the sustainability of given cropping systems. 2021 , 289, 125716	2
448	Digging into the roots: understanding direct and indirect drivers of ecosystem service trade-offs in coastal grasslands via plant functional traits. 2021 , 193, 271	2

447	Do soil health tests match farmer experience? Assessing biological, physical, and chemical indicators in the Upper Midwest United States. 2021 , 85, 903-918	3
446	Ecosystem services and biodiversity of agricultural systems at the landscape scale. 2021 , 193, 275	1
445	Will farmers seek environmental regularization in the Amazon and how? Insights from the Rural Environmental Registry (CAR) questionnaires. 2021 , 284, 112010	4
444	Agroecosystems and Bioeconomy. 2021 , 41-59	
443	Limited Economic-Ecological Trade-Offs in a Shifting Agricultural Landscape: A Case Study From Kern County, California. 2021 , 5,	
442	Angiosperm pollinivory in a Cretaceous beetle. 2021 , 7, 445-451	6
441	Crop diversity enriches arbuscular mycorrhizal fungal communities in an intensive agricultural landscape. 2021 , 231, 447-459	11
440	No bats, no gain: educational intervention increases farmers perception of ecosystem services. 1-16	2
439	Capturing a soil carbon economy. 2021 , 8, 202305	3
438	Cover Cropping: A Malleable Solution for Sustainable Agriculture? Meta-Analysis of Ecosystem Service Frameworks in Perennial Systems. 2021 , 11, 862	3
437	Mapping changes in the value of ecosystem services in the Yangtze River Middle Reaches Megalopolis, China. 2021 , 48, 101252	10
436	Differential responses of three Urochloa species to low phosphorus availability. 2021 , 179, 216-230	0
435	Towards an enhanced indication of provisioning ecosystem services in agro-ecosystems. 2021 , 193, 269	3
434	Cost-Benefit analysis of China's farming system. 2021 , 113, 2407-2416	0
433	Mapping the functional connectivity of ecosystem services supply across a regional landscape.	0
432	Problemy zachowania bior^norodnoŃi na przyk^adzie wybranych miast Polski. 2021 , 76, 67-84	
431	Optimizing pollinator conservation and crop yield among perennial bioenergy crops. 2021 , 13, 1030-1042	1
430	A Critical Review of the IUCN UK Peatland Programme's "Burning and Peatlands" Position Statement. 2021 , 41, 1	0

429	Utilization of rGO-PEI-supported AgNPs for sensitive recognition of deltamethrin in human plasma samples: A new platform for the biomedical analysis of pesticides in human biofluids. 2021 , 34, e2900	1
428	Agricultural Heritage Landscapes of Greece: Three Case Studies and Strategic Steps towards Their Acknowledgement, Conservation and Management. 2021 , 13, 5955	5
427	Relaxation of putative plant defenses in a tropical agroecosystem. 2021 , 11, 5815-5827	
426	A comprehensive approach for agroecosystem services and disservices valuation. 2021 , 768, 144859	11
425	Forecasting future crop suitability with microclimate data. 2021 , 190, 103084	6
424	Integrated pest management: good intentions, hard realities. A review. 2021 , 41, 1	31
423	Intercropping in Rice Farming under the System of Rice Intensification—An Agroecological Strategy for Weed Control, Better Yield, Increased Returns, and Social—Ecological Sustainability. 2021 , 11, 1010	4
422	Long-term assessment of ecosystem services at ecological restoration sites using Landsat time series. 2021 , 16, e0243020	2
421	Scientific research on ecosystem services and human well-being: A bibliometric analysis. 2021 , 125, 107449	25
420	Influence of shrub willow buffers strategically integrated in an Illinois corn-soybean field on soil health and microbial community composition. 2021 , 772, 145674	2
419	Progress in ecosystem services research: A guide for scholars and practitioners. 2021 , 49, 101267	14
418	Habitat percolation transition undermines sustainability in social-ecological agricultural systems.	
417	Insect diversity in vegetable crops of Waemital Village, West Seram, Indonesia. 2021 , 805, 012010	
416	Crop functional diversity drives multiple ecosystem functions during early agroforestry succession. 2021 , 58, 1718	4
415	Stakeholder perspectives on the value proposition of enterprise-level natural capital accounting for three primary industries. 2021 , 41, 541	
414	Investigating the impacts of climate change on ecosystem services in UK agro-ecosystems: An application of the DPSIR framework. 2021 , 105, 105394	6
413	Management to Support Multiple Ecosystem Services from Productive Grasslands. 2021 , 13, 6263	1
412	Editorial overview: Behavioral ecology of insects in a changing world. 2021 , 45, vi-viii	

411	Integrated valuation of semiarid Mediterranean agroecosystem services and disservices. 2021 , 184, 107008	4
410	Impact of Cropland Evolution on Soil Wind Erosion in Inner Mongolia of China. 2021 , 10, 583	2
409	Smart Farming Technologies in Arable Farming: Towards a Holistic Assessment of Opportunities and Risks. 2021 , 13, 6783	4
408	Multi-community effects of organic and conventional farming practices in vineyards. 2021 , 11, 11979	4
407	Holistically valuing public investments in agricultural water conservation. 2021 , 252, 106900	4
406	Field management practices drive ecosystem multifunctionality in a smallholder-dominated agricultural system. 2021 , 313, 107389	8
405	Spatial identification and determinants of trade-offs among multiple land use functions in Jiangsu Province, China. 2021 , 772, 145022	8
404	Conservation Agriculture as a System to Enhance Ecosystem Services. 2021 , 11, 718	6
403	Overview of Bee Pollination and Its Economic Value for Crop Production. 2021 , 12,	20
402	Grazing exclusion mediates the trade-off between plant diversity and productivity in <i>Leymus chinensis</i> meadows along a chronosequence on the Songnen Plain, China. 2021 , 126, 107655	3
401	Maximizing ecosystem services to the oil crop <i>Brassica carinata</i> through landscape heterogeneity and arthropod diversity. 2021 , 12, e03624	2
400	Study on the Comprehensive Improvement of Ecosystem Services in a China's Bay City for Spatial Optimization. 2021 , 13, 2072	3
399	Soil as an Archetype of Complexity: A Systems Approach to Improve Insights, Learning, and Management of Coupled Biogeochemical Processes and Environmental Externalities. 2021 , 5, 39	3
398	Pest and disease management by red light. 2021 , 44, 3197-3210	6
397	Modeling the ecosystem service of agricultural residues provision for bioenergy production: A potential application in the Emilia-Romagna region (Italy). 2021 , 451, 109571	1
396	Regenerative agriculture and integrative permaculture for sustainable and technology driven global food production and security.	4
395	The Response of Soil Nutrients and Microbial Community Structures in Long-Term Tea Plantations and Diverse Agroforestry Intercropping Systems. 2021 , 13, 7799	2
394	Does agricultural intensification cause tipping points in ecosystem services?. 1	2

393	Could more efficient utilization of ecosystem services improve soil quality indicators to allow sustainable intensification of Amazonian family farming?. 2021 , 127, 107723	1
392	Stakeholders' engagement platform to identify sustainable pathways for the development of multi-functional agroforestry in Guadeloupe, French West Indies. 1	1
391	Kaleka Agroforest in Central Kalimantan (Indonesia): Soil Quality, Hydrological Protection of Adjacent Peatlands, and Sustainability. 2021 , 10, 856	5
390	Assessment of the contribution of home gardens to plant diversity conservation in Thies region, Senegal. 1	
389	Full-Season Cover Crops and Their Traits That Promote Agroecosystem Services. 2021 , 11, 830	2
388	Internalizing externalities through net ecosystem service analysis—a case study of greenhouse vegetable farms in Beijing. 2021 , 50, 101323	5
387	Ecosystem functions in degraded riparian forests of southeastern Kenya. 2021 , 11, 12665-12675	1
386	Organic and conservation agriculture promote ecosystem multifunctionality. 2021 , 7,	12
385	No-till alley cropping using leguminous trees biomass: a farmer- and eco-friendly sustainable alternative to shifting cultivation in the Amazonian periphery?. 1	0
384	A structured seabird population model reveals how alternative forage fish control rules benefit seabirds and fisheries. 2021 , 31, e02401	3
383	Assessing Ecosystem and Urban Services for Landscape Suitability Mapping. 2021 , 11, 8232	
382	Production of clean water in agriculture headwater catchments: A model based on the payment for environmental services. 2021 , 785, 147331	3
381	Measuring the Supply of Ecosystem Services from Alternative Soil and Nutrient Management Practices: A Transdisciplinary, Field-Scale Approach. 2021 , 13, 10303	0
380	Farmland Zoning Integrating Agricultural Multi-Functional Supply, Demand and Relationships: A Case Study of the Hangzhou Metropolitan Area, China. 2021 , 10, 1014	2
379	Impact of climate change on biodiversity and food security: a global perspective—a review article. 2021 , 10,	10
378	Land sharing versus land sparing—What outcomes are compared between which land uses?. 2021 , 3, e530	0
377	Identifying plant mixes for multiple ecosystem service provision in agricultural systems using ecological networks.	4
376	The social valuation of agro-ecosystem services at different scales: A case study from Kyrenia (Girne) Region of Northern Cyprus. 2021 , 39, 100645	3

375	Organic interventions conferring stress tolerance and crop quality in agroecosystems during the United Nations Decade on Ecosystem Restoration. 2021 , 32, 4797	3
374	What evidence exists on the relationship between agricultural production and biodiversity in tropical rainforest areas? A systematic map protocol. 2021 , 10,	
373	Changes in topsoil organic carbon content in the Swiss leman region cropland from 1993 to present. Insights from large scale on-farm study. 2021 , 400, 115125	5
372	A new meta-coupling framework to diagnose the inequity hidden in China's cultivated land use. 2021 , 124, 635-644	1
371	Quantification of resilience metrics as affected by conservation agriculture at a watershed scale. 2021 , 320, 107612	5
370	Eliciting farmers' preferences and willingness to pay for land use attributes in Northwest Ethiopia: A discrete choice experiment study. 2021 , 109, 105634	2
369	Applying the Human Appropriation of Net Primary Production framework to map provisioning ecosystem services and their relation to ecosystem functioning across the European Union. 2021 , 51, 101344	4
368	Hotspots of Agricultural Ecosystem Services and Farmland Biodiversity Overlap with Areas at Risk of Land Abandonment in Japan. 2021 , 10, 1031	3
367	Reviewing the evidence on the roles of forests and tree-based systems in poverty dynamics. 2021 , 131, 102576	10
366	Towards collective action in ecosystem services governance: The recognition of social interdependencies in three collective agri-environmental initiatives in Quebec. 2021 , 51, 101357	0
365	Nitrogen fertilization impact on soil carbon pools and their stratification and lability in subtropical wheat-mungbean-rice agroecosystems. 2021 , 16, e0256397	0
364	Sustainable agriculture, food security and diet diversity. The case study of Tuscany, Italy.. 2021 , 458, 109702	6
363	Does agri-environmental management enhance biodiversity and multiple ecosystem services?: A farm-scale experiment. 2021 , 320, 107582	7
362	Enhancing landscape planning: Vegetation-mediated ecosystem services predicted by plant traits. 2021 , 215, 104220	1
361	Spatiotemporal variation of agroecosystem service trade-offs and its driving factors across different climate zones. 2021 , 130, 108154	1
360	Questioning the dichotomy: A Latent profile analysis of ecological management practices in Swedish agriculture. 2021 , 300, 113770	0
359	Pea-based cover crop mixtures have greater plant belowground biomass, but lower plant aboveground biomass than a pure stand of pea. 2021 , 322, 107657	0
358	Moving beyond habitat analogs: Optimizing green roofs for a balance of ecosystem services. 2021 , 173, 106422	0

357	Assessment of social demand heterogeneity to inform agricultural diffuse pollution mitigation policies. 2022 , 191, 107216	3
356	Climate Change, Rural Livelihoods, and Ecosystem Nexus: Forest Communities in Agroecological zones of Nigeria. 2021 , 1169-1192	
355	"Health in" and "Health of" Social-Ecological Systems: A Practical Framework for the Management of Healthy and Resilient Agricultural and Natural Ecosystems. 2020 , 8, 616328	7
354	Integrating Local Knowledge in the Climate Services for Resilience: A Case of â€œIaiyanâ€œFishers. 2021 , 365-380	
353	Bioremediation of Wastewaters. 2021 , 483-509	0
352	Land use/land cover dynamics, trade-offs and implications on tropical inland shallow lakesâ€™ ecosystemsâ€™management: Case of Lake Malombe, Malawi. 2021 , 7,	5
351	Role of wetlands in mitigating the trade-off between crop production and water quality in agricultural landscapes. 2019 , 10, e02918	4
350	Ecosystem services for intensification of agriculture, with emphasis on increased nitrogen ecological use efficiency. 2020 , 11, e03028	5
349	Spatial Modeling of Social-ecological Systems of Hydrological Environmental Services in Las Conchas Creek Basin, Argentina. 2019 , 187-211	1
348	Climate Change, Rural Livelihoods and Ecosystem Nexus: Forest Communities in Agro-ecological zones of Nigeria. 2020 , 1-24	2
347	Life on Land. 2020 , 1-11	3
346	Prospects for Agriculture Under Climate Change and Soil Salinisation. 2018 , 447-467	5
345	Trade-offs Between Ecosystem Services and Opportunity Costs in Maintaining the Tonle Sap Lake Agro-ecosystem (Cambodia). 2019 , 89-114	1
344	The Role of Agrobiodiversity in Sustainable Food Systems Design and Management. 2019 , 245-271	2
343	Soils and Ecosystem Services. 2013 , 11-38	6
342	Ecosystem Carbon Sequestration. 2013 , 39-62	3
341	Critical Evaluation of Genetic Manipulation for Improved Productivity: Is This a Sustainable Agenda?. 2014 , 43-83	5
340	Ecosystem Services: Is a Planet Servicing One Species Likely to Function?. 2013 , 303-321	5

339	Mechanisms of Plant Growth Promotion and Functional Annotation in Mitigation of Abiotic Stress. 2020 , 105-150	1
338	Soil ecological responses to pest management in golf turf vary with management intensity, pesticide identity, and application program. 2017 , 246, 66-77	27
337	Socio-cultural valuation of Polish agricultural landscape components by farmers and its consequences. 2020 , 74, 190-200	11
336	Changes in ecosystem services associated with planting structures of cropland: A case study in Minle County in China. 2017 , 102, 10-20	18
335	Remnants of native forests support carnivore diversity in the vineyard landscapes of central Chile. 2021 , 55, 227-234	3
334	Damage and control of the invasive African black beetle <i>Heteronychus arator</i> F. (Coleoptera: Scarabaeidae) in Southern highlands of Tanzania. 2018 , 64, 88-93	2
333	The impact of urbanization on agricultural dynamics: a case study in Belgium. 2020 , 15, 626-643	13
332	Assessment of the relationships between agroecosystem condition and soil erosion regulating ecosystem service in Northern Germany.	2
331	Maximizing Ecosystem Services Provided to the New Oil Crop <i>Brassica carinata</i> Through Landscape and Arthropod Diversity.	2
330	Soil multifunctionality: Synergies and trade-offs across European climatic zones and land uses. 2021 , 72, 1640-1654	11
329	Land Use and Land Cover Dynamics and Properties of Soils under Different Land Uses in the Tejibara Watershed, Ethiopia. 2020 , 2020, 1479460	9
328	Chlortetracycline inhibits seed germination and seedling growth in <i>Brassica campestris</i> by disrupting H ₂ O ₂ signaling. 2020 , 63,	5
327	Community composition of soil organisms under different wheat farming systems. 2012 , 89-111	12
326	Habitat eradication and cropland intensification may reduce parasitoid diversity and natural pest control services in annual crop fields. 2015 , 3,	9
325	Representation of ecosystem services by terrestrial protected areas: Chile as a case study. 2013 , 8, e82643	31
324	Intercropping with shrub species that display a 'steady-state' flowering phenology as a strategy for biodiversity conservation in tropical agroecosystems. 2014 , 9, e90510	3
323	Assessment of Coastal Ecosystem Services for Conservation Strategies in South Korea. 2015 , 10, e0133856	28
322	Influence of Landscape Diversity and Composition on the Parasitism of Cotton Bollworm Eggs in Maize. 2016 , 11, e0149476	8

321	Assessing Regional-Scale Impacts of Short Rotation Coppices on Ecosystem Services by Modeling Land-Use Decisions. 2016 , 11, e0153862	19
320	No Evidence of Trade-Off between Farm Efficiency and Resilience: Dependence of Resource-Use Efficiency on Land-Use Diversity. 2016 , 11, e0162736	8
319	The Comparative Studies on the Terrestrial Insect Diversity in Protected Horticulture Complex and Paddy Wetland. 2016 , 18, 386-393	5
318	Koncepcja i znaczenie obszarów rolniczych o wysokich walorach przyrodniczych. 2018 , 18(33), 417-425	2
317	Non-Monetary Assessment and Mapping of the Potential of Agroecosystem Services in Rural Slovakia. 2020 , 12, 257-276	1
316	Agrosystem services: An additional terminology to better understand ecosystem services delivered by agriculture. 49, 1-15	17
315	Agroecosystem Service Capacity Index – A methodological approach. 64, 1-48	5
314	Integrating Agriculture and Ecosystems to Find Suitable Adaptations to Climate Change. 2020 , 8, 10	5
313	Assessing the Value of Soil Inorganic Carbon for Ecosystem Services in the Contiguous United States Based on Liming Replacement Costs. 2018 , 7, 149	12
312	Spatial Pattern of Agricultural Productivity Trends in Malawi. 2020 , 12, 1313	4
311	Spatiotemporal Modeling of Nutrient Retention in a Tropical Semi-Arid Basin.	1
310	High nature value farmlands: challenges in identification and interpretation using Cyprus as a case study. 31, 53-70	12
309	Evaluation of the ecosystem services approach in agricultural literature. 2, e11613	2
308	Mapping of nutrient regulating ecosystem service supply and demand on different scales in Schleswig-Holstein, Germany. 3, e22509	19
307	Effect of agricultural practices on terrestrial isopods: a review. 2018 , 63-96	3
306	Integration of Agriculture and Wildlife Ecosystem Services: A Case Study of Westham Island, British Columbia, Canada. 2017 , 08, 409-425	1
305	Building a prospective participatory approach for long-term agricultural sustainability in the Lez do Tejo region (Portugal). 2016 , 60, 303-323	1
304	Changes in species diversity of arboreal spiders in Mexican coffee agroecosystems: untangling the web of local and landscape influences driving diversity. 2014 , 2, e623	8

303	Cultural Ecosystem Services in Agroforests. 2021 , 361-387	
302	Agri-Environmental Policies: Comparison and Critical Evaluation Between EU and Egyptian Structure. 2021 , 405-429	
301	Climate Change and Integrated Coastal and Agroecosystem Services. 2021 , 135-161	
300	Cost-Effective and Eco-Friendly Agricultural Technologies in Rice-Wheat Cropping Systems for Food and Environmental Security. 2021 , 69-96	1
299	Spatio-temporal changes in ecosystem service bundles and hotspots in Beressa watershed of the Ethiopian highlands: Implications for landscape management. 2021 , 5, 100324	1
298	Natural vegetation cover on private lands: locations and risk of loss in the northwestern United States. 2021 , 12,	1
297	Impacts of large-scale landscape restoration on spatio-temporal dynamics of ecosystem services in the Chinese Loess Plateau. 1	1
296	Three reasons why expanded use of natural enemy solutions may offer sustainable control of human infections.. 2022 , 4, 32-43	0
295	A novel ecosystem (dis)service cascade model to navigate sustainability problems and its application in a changing agricultural landscape in Brazil. 1	2
294	Rhizosphere Microorganisms. 2012 , 105-121	
293	Spatial Analysis of Agri-environmental Measures for the SEA of Rural Development Programmes. 2013 , 93-115	
292	Provision of Agricultural Ecosystem Services. 2014 , 1-10	
291	Introduction: Rural Development and Landscape PlanningâKey Concepts and Issues at Stake. 2014 , 1-12	
290	Genetic Resources: Farmer Conservation and Crop Management. 2014 , 256-262	
289	Perception-Based Analysis (PBA) of Climate Change Impacts on the Forest and Agricultural Ecosystem of Shropshire, United Kingdom. 2015 , 03, 111-121	
288	Gains and Losses in Ecosystem Services: Trade-Off and Efficiency Perspectives.	0
287	Assessment of Carbon Dioxide Emissions from Biodiversity-Conscious Farming: A Case of Stork-Friendly Farming in Japan. 2015 , 06, 7-12	0
286	Nature Conservation as Part of a Multifunctional Use of Suburban Landscapes. 2016 , 323-343	2

- 285 The Extended Classroom Framework for Teaching Systems Analysis of Food Systems. **2015**, 44, 101-111 0
- 284 Regulation of Activities for Wetland Conservation and Management: Overview. **2016**, 1-7
- 283 A Study on the Image Evaluation for the Improvement of the Landscape of Horticultural Complex in Rural Area. **2017**, 26, 78-86 1
- 282 An Ecosystem Approach to Indicate Agriculture Adaptive Strategies to Climate Change Impacts. **2018**, 193-206
- 281 Nachhaltige Holzproduktion in der Agrarlandschaft. **2018**, 1-16
- 280 Ontological Foundation of Ecosystem Services and the Human Dimension of Agroecosystems. **2018**, 09, 525-545 2
- 279 Regulation of Activities for Wetland Conservation and Management: Overview. **2018**, 843-849
- 278 Utilisation de pratiques agro^cologiques et performances de la petite agriculture familiale : le cas de la Guadeloupe. **2018**, 27, 55002 3
- 277 Awareness of the environmental implications of the unsustainable use of biomass energy sources among rural households in Jigawa State, Nigeria. **2018**, 10, 39-51
- 276 Are We Missing the Big Picture? Unlocking the Social-Ecological Resilience of High Nature Value Farmlands to Future Climate Change. **2019**, 53-72 0
- 275 Carbon Consumption, the Carbon-Based Ecosystem, and Output.
- 274 Microbial Inoculants for Sustainable Crop Management. **2019**, 1-35
- 273 Provision of Agricultural Ecosystem Services. **2019**, 2069-2077
- 272 Pesticidal Pollution. **2019**, 155-176
- 271 Bees support farming. Does farming support bees?. 1
- 270 Unraveling Innovation Networks in Conservation Agriculture Using Social Network Analysis. **2020**, 133-148
- 269 Methods of Intercropping Cover Crops with Maize in Southern Brazil. **2019**, 19, 14-23
- 268 Provisioning Ecosystems Services. **2020**, 45-89

267	Agricultural land use and the sustainability of social-ecological systems.	0
266	Use of transcriptomic data to inform biophysical models via Bayesian networks. 2020 , 429, 109086	0
265	Status, approaches, and challenges of ecosystem services exploration in Ethiopia: A systematic review. 2020 , 18, 201-213	3
264	Taking a landscape approach to conservation goals: designing multi-objective landscapes.	
263	Empowering entrepreneurial intention through entrepreneurial self-efficacy: comparison of farmers with and without entrepreneurial experience in Taiwan. 2021 , 27, 595-611	2
262	Policy Change Through Negotiated Agreements: The Case of Greening Swiss Agricultural Policy. 2021 , 49, 731-756	2
261	Assessment of the relationships between agroecosystem condition and the ecosystem service soil erosion regulation in Northern Germany. 2020 , 15, e0234288	5
260	Ecosystem Valuation of Agricultural Land Use Change. 2022 , 90-126	
259	Taxon- and functional group-specific responses of ground beetles and spiders to landscape complexity and management intensity in apple orchards of the North China Plain. 2022 , 323, 107700	3
258	Climate-Friendly Seafood: The Potential for Emissions Reduction and Carbon Capture in Marine Aquaculture.. 2022 , 72, 123-143	8
257	Natural Herbivore Regulation in Tropical Agroecosystems: Importance of Farming Practices and Landscape Structure. 2020 , 209-225	
256	Zero Hunger. 2020 , 8-17	
255	Natural Products as Eco-Friendly Bactericides for Plant Growth and Development. 2020 , 221-233	
254	Assessment of Ecosystem Services and Capabilities of Communities from different Scales and Niches - Implications on Sustainability Goals. 2020 , 4,	
253	Invertebrate and Plant Community Diversity of an Illinois Corn& Soybean Field with Integrated Shrub Willow Bioenergy Buffers. 2021 , 13, 12280	
252	Habitat percolation transition undermines sustainability in social-ecological agricultural systems. 2022 , 25, 163-176	0
251	Large-Scale Microanalysis of U.S. Household Food Carbon Footprints and Reduction Potentials. 2021 , 55, 15323-15332	1
250	Common ground: restoring land health for sustainable agriculture.	1

249	Long-term assessment of ecosystem services at ecological restoration sites using Landsat time series.	
248	Usefulness of Surface Water Retention Reservoirs Inspired by "Permaculture Design" A Case Study in Southern Spain Using Bucket Modelling. 2021 , 57-79	1
247	Life on Land. 2021 , 1022-1032	2
246	Transformations of Urban Agro Ecology Landscapes in Territory Transition. 2022 , 32-59	
245	Farm diversity and fine scales matter in the assessment of ecosystem services and land use scenarios. 2022 , 196, 103329	1
244	Field application of pure polyethylene microplastic has no significant short-term effect on soil biological quality and function. 2022 , 165, 108496	6
243	Linking ecosystem condition and ecosystem services: A methodological approach applied to European agroecosystems. 2022 , 53, 101387	1
242	Agricultural landscape certification as a market-driven tool to reward the provisioning of cultural ecosystem services. 2022 , 193, 107286	2
241	A framework for sustainable management of ecosystem services and disservices in perennial grassland agroecosystems. 2021 , 12,	0
240	Participatory Mapping of Demand for Ecosystem Services in Agricultural Landscapes. 2021 , 11, 1193	0
239	Assessment of agrobiodiversity in the intensive agriculture: a case study of the Indo-Gangetic Plains of India. 1	
238	The influence of land cover changes on landscape hydric potential and river flows: Upper Vistula, Western Carpathians. 2021 , 210, 105878	2
237	Pine savanna restoration on agricultural landscapes: The path back to native savanna ecosystem services. 2021 , 151715	0
236	Horizon scanning and review of the impact of five food and food production models for the global food system in 2050. 2021 , 119, 550-550	2
235	Optimal allocation of land resources and its key issues from a perspective of food security. 2021 , 36, 3031	1
234	A Study on Type, Volume And Governance of Ecosystem Services IN Bulgarian Farms.	1
233	Achieving Social Equity in Climate Action: Untapped Opportunities and Building Blocks for Leaving No One Behind.	
232	Services ^cosyst^ miques et riziculture autour du lac de Tonle Sap, Cambodge. 2021 , 30, 44	1

231	Ecologically Intermediate and Economically Final: The Role of the Ecosystem Services Framework in Measuring Sustainability in Agri-Food Systems. 2022 , 11, 84	
230	Linking food production and environmental outcomes: An application of a modified relative risk model to prioritize land-management practices. 2022 , 196, 103342	1
229	An analytical framework to link governance, agricultural production practices, and the provision of ecosystem services in agricultural landscapes. 2022 , 53, 101402	2
228	The social wellbeing of irrigation water. A demand-side integrated valuation in a Mediterranean agroecosystem. 2022 , 262, 107400	1
227	Implication of imposing fertilizer limitations on energy, agriculture, and land systems.. 2022 , 305, 114391	2
226	A scoping review of the digital agricultural revolution and ecosystem services: implications for Canadian policy and research agendas. 2021 , 6, 1955-1985	1
225	Micronutrients in Food Production: What Can We Learn from Natural Ecosystems?. 2022 , 6, 8	4
224	Recent Developments to Mitigate Selenium Deficiency in Agricultural Eco-Systems. 2022 , 91, 915-927	1
223	Ecosystem Services from Ecological Agroforestry in Brazil: A Systematic Map of Scientific Evidence. 2022 , 11, 83	1
222	Native forests in agricultural landscapes: An option for sustainability. 2022 , 353-375	
221	Assessment of joint soil ecosystem services supply in urban green spaces: A case study in Northern Italy. 2022 , 67, 127455	3
220	Biological Indicators of Soil Health and Biomonitoring. 2022 , 327-347	0
219	Challenges of Climate Resilient Livelihoods and an Inquiry of Mitigation Strategies in India. 2022 , 3-22	
218	Transformations of urban agroecology landscape in territory transition. 2022 , 199-221	
217	Tailor-made biochar systems: Interdisciplinary evaluations of ecosystem services and farmer livelihoods in tropical agro-ecosystems.. 2022 , 17, e0263302	0
216	Multiple evaluation of urban and peri-urban agriculture and its relation to spatial planning: The case of Prato territory (Italy). 2022 , 79, 103636	2
215	Spatial optimization of cropping pattern in the upper-middle reaches of the Heihe River basin, Northwest China. 2022 , 264, 107479	0
214	Terrain gradient variations in the ecosystem services value of the Qinghai-Tibet Plateau, China. 2022 , 34, e02008	3

- 213 The concurrent assessment of agronomic, ecological and environmental variables enables better choice of agroecological service crop termination management. 1
- 212 Regional Differentiations of the Potential of Cultural Ecosystem Services in Relation to Natural Capital – Case Study in Selected Regions of the Slovak Republic. **2022**, 11, 270 0
- 211 Contributions of Hedgerows to People: A Global Meta-Analysis. **2021**, 2, 0
- 210 Impact of Land Use and Land Cover Change on Ecosystem Services in Eastern Coast of India. **2022**, 16, 1 1
- 209 Ecosystem Services Research Trends: A Bibliometric Analysis from 2000–2020. **2021**, 2, 366-379 1
- 208 Estimation of Economic Value for Disadvantage of Agricultural Soil. **2021**, 54, 108-112 0
- 207 Mapping Biodiversity and Ecosystem Service Trade-Offs and Synergies of Agricultural Change Trajectories in Europe. 0
- 206 Fluorescent Properties of Water-Extractable Organic Matter in Low-Gradient, Clay Plain Soils Illustrate Efficacy and Scale of Agricultural Management. 0
- 205 Chancen und Risiken der Digitalisierung f^ ðeine ^ ðologisierung einzelner Arbeitsschritte der ackerbaulichen Produktion. **2022**, 127-148 0
- 204 Assessment of the resilience of the agricultural landscapes and associated ecosystem services at multiple scales (a farm and landscape) in Kyrenia (Girne) Region of Northern Cyprus. **2022**, 18, 277-298 0
- 203 Enhancing the Rural Landscape Character: The Low Frequency of Inter-Row Wildflower Meadow Harvest Positively Affects Biodiversity While Maintaining Grape Quantitative and Qualitative Traits in a â¸Sultanaâ¸ Vineyard in Greece. **2022**, 12, 550 0
- 202 Biofertilization containing *Paenibacillus triticisoli* BJ-18 alters the composition and interaction of the protistan community in the wheat rhizosphere under field conditions.. **2022**, 0
- 201 Mapping the functional connectivity of ecosystem services supply across a regional landscape.. **2022**, 11, 1
- 200 Quantifying Spillover of an Urban Invasive Vector of Plant Disease: Asian Citrus Psyllid (*Diaphorina citri*) in California Citrus. **2022**, 2, 0
- 199 Farmland Preservation and Urban Expansion: Case Study of Southern Ontario, Canada. **2022**, 6, 0
- 198 Evaluation of Landscape Quality in Valenciaâ¸ Agricultural Gardensâ¸ Method Adapted to Multifunctional, Territorialized Agrifood Systems (MTAS). **2022**, 11, 398 0
- 197 An Integrated Approach to Assess the Water Efficiency of Introducing Best Management Practices: An Application to Sugarcane Mechanisation in Brazil. **2022**, 14, 1072 0
- 196 ECONOMIC, ENVIRONMENTAL, AND SOCIAL DIMENSIONS OF FARMING SUSTAINABILITY â¸ TRADE-OFF OR SYNERGY?. **2022**, 1-21 0

195	The Trade-Offs and Synergies of Ecosystem Services in Jiulianshan National Nature Reserve in Jiangxi Province, China. 2022 , 13, 416	2
194	A Bibliometric Analysis on the Effects of Land Use Change on Ecosystem Services: Current Status, Progress, and Future Directions. 2022 , 14, 3079	0
193	Spatial patterns of associations among ecosystem services across different spatial scales in metropolitan areas: A case study of Shanghai, China. 2022 , 136, 108682	1
192	Ecopolitana: A Plan of Cities, Territory, Landscape, and Ecology. 2022 , 14, 4044	1
191	On-Farm Relationships Between Agricultural Practices and Annual Changes in Organic Carbon Content at a Regional Scale. 2022 , 10,	0
190	Evidence for the impacts of agroforestry on ecosystem services and human well-being in high-income countries: a systematic map. 2022 , 11,	3
189	Viewpoint: plotting a way forward for service research in and out of Africa. 2022 , ahead-of-print,	0
188	Spatiotemporally explicit prediction of future ecosystem service provisioning in response to climate change, sea level rise, and adaptation strategies. 2022 , 54, 101414	0
187	Assessment of ecosystem services in new perspective: A comprehensive ecosystem service index (CESI) as a proxy to integrate multiple ecosystem services. 2022 , 138, 108800	0
186	The economic value of flood risk regulation by agroecosystems at semiarid areas. 2022 , 266, 107565	0
185	Using motifs in ecological networks to identify the role of plants in crop margins for multiple agriculture functions. 2022 , 331, 107912	1
184	Landscape composition modifies pollinator densities, foraging behavior and yield formation in faba beans. 2022 , 61, 30-40	1
183	Agroforestry systems as new strategy for bioenergy – Case example of Czech Republic. 2022 , 8, 519-525	0
182	The hidden heterogeneity of agricultural landscapes of the Rolling Pampa (Argentina). 2022 , 332, 107934	
181	Precision Agroecology. 2022 , 14, 106	1
180	Ecosystem Services Valuation for the Sustainable Land Use Management by Nature-Based Solution (NbS) in the Common Agricultural Policy Actions: A Case Study on the Foglia River Basin (Marche Region, Italy). 2022 , 11, 57	3
179	Effects of improved land-cover mapping on predicted ecosystem service outcomes in a lowland river catchment. 2021 , 133, 108463	1
178	The Incredible and Sad Story of Boca de Cach [^] ̄: How a Rural Community in the Hispaniola Is in a Prolonged, Heartless, and Predictable Climate Crisis. 2021 , 9, 182	0

- 177 Markov random field models for vector-based representations of landscapes. **2021**, 15,
- 176 Cross-scale trade-off analysis for sustainable development: linking future demand for animal source foods and ecosystem services provision to the SDGs. **2022**, 17, 209-220 1
- 175 Ecological Intensification of Food Production by Integrating Forages. **2021**, 11, 2580 0
- 174 Organic Farming as an Alternative Maintenance Strategy in the Opinion of Farmers from Natura 2000 Areas.. **2022**, 19, 2
- 173 Ecosystem Service Assessment of Soil and Water Conservation Based on Scenario Analysis in a Hilly Red-Soil Catchment of Southern China. **2022**, 14, 1284
- 172 From Forest Dynamics to Wetland Siltation in Mountainous Landscapes: A RS-Based Framework for Enhancing Erosion Control. **2022**, 14, 1864 0
- 171 An overview of the sugarcane expansion in the state of S^o Paulo (Brazil) over the last two decades and its environmental impacts. **2022**, 32, 66-75 1
- 170 Data Sheet_1.docx. **2019**,
- 169 Table_1.XLSX. **2018**,
- 168 Data_Sheet_1.docx. **2019**,
- 167 Data_Sheet_1.docx. **2018**,
- 166 Data_Sheet_1.docx. **2019**,
- 165 Data_Sheet_1.pdf. **2019**,
- 164 Image_1.JPEG. **2019**,
- 163 Image_2.JPEG. **2019**,
- 162 Image_3.JPEG. **2019**,
- 161 Image_4.JPEG. **2019**,
- 160 Image_5.JPEG. **2019**,

159 Image_6.JPEG. 2019,

158 Data_Sheet_1.CSV. 2019,

157 Data_Sheet_2.ZIP. 2019,

156 Table_1.DOCX. 2019,

155 Table_2.DOCX. 2019,

154 Table_3.DOCX. 2019,

153 Data_Sheet_1.PDF. 2019,

152 Data_Sheet_2.PDF. 2019,

151 Data_Sheet_3.PDF. 2019,

150 Data_Sheet_4.pdf. 2019,

149 Data_Sheet_5.PDF. 2019,

148 Data_Sheet_6.PDF. 2019,

147 Data_Sheet_7.PDF. 2019,

146 Image_1.JPEG. 2020,

145 Image_2.JPEG. 2020,

144 Image_3.JPEG. 2020,

143 Table_1.XLSX. 2020,

142 Data_Sheet_1.docx. 2020,

141	Data_Sheet_1.PDF. 2020,		
140	Data_Sheet_2.PDF. 2020,		
139	Data_Sheet_3.PDF. 2020,		
138	Data_Sheet_1.docx. 2020,		
137	Knowledge Elicitation and Modeling of Agroecological Management Strategies. 2022, 279-295		1
136	Human-Wildlife Interactions in the Tarangire Ecosystem. 2022, 3-22		
135	A network perspective for sustainable agroecosystems.. 2022,		1
134	Exploring connections between pollinator health and human health.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210158	5.8	2
133	Frustrated or fulfilled? Motivation of Czech farmers to implement climate change adaptation measures on the landscape level. 2022, 92, 354-370		0
132	Targeting best agricultural practices to enhance ecosystem services in European mountains.. 2022, 316, 115255		0
131	Knowledge Mapping Analysis of the Study of Ecosystem Services and Landscape Architecture. 2022 , 148,		0
130	MECHANISMS AND MODES OF GOVERNANCE OF AGRO-ECOSYSTEM SERVICES IN BULGARIA. 2021 , 6-25		1
129	Barriers and drivers for sustainable business model innovation based on a radical farmland change scenario. 1		0
128	Potential Use of Microbial Community Genomes in Various Dimensions of Agriculture Productivity and Its Management: A Review. 2022, 13,		0
127	Farm vehicles approaching weights of sauropods exceed safe mechanical limits for soil functioning.. 2022, 119, e2117699119		2
126	Micro-catchment Rainwater Harvesting. 2022, 73-94		
125	Soil fragility: A concept to ensure a sustainable use of soils. 2022, 139, 108969		0
124	Developing a conceptual model to quantify eco-compensation based on environmental and economic cost-benefit analysis for promoting the ecologically intensified agriculture. 2022, 56, 101442		1

- 123 Assessing the link between farming systems and biodiversity in agricultural landscapes: Insights from Galicia (Spain). **2022**, 317, 115335 1
- 122 Precise Nitrogen Recommendations Improve Economic and Environmental Outcomes in Rice Production.
- 121 ~~121~~ Governance Modes for Supply of Agro-ecosystem Services by Agricultural Farms in Bulgaria). 1
- 120 Ecosystem Service Trade-Offs and Spatial Non-Stationary Responses to Influencing Factors in the Loess Hilly-Gully Region: Lanzhou City, China.
- 119 Ensuring that nature-based solutions for climate mitigation address multiple global challenges. **2022**, 5, 493-504 0
- 118 A Framework to Assess Forest-Agricultural Landscape Management for Socioecological Well-Being Outcomes. **2022**, 5, 1
- 117 The uncomfortable relationship between business and biodiversity: Advancing research on business strategies for biodiversity protection. 1
- 116 Estimating Screening-Level Risks of Insecticide Exposure to Lepidopteran Species of Conservation Concern in Agroecosystems. 137-180
- 115 Reducing Commodity-Driven Biodiversity Loss: The Case of Pesticide Use and Impacts on Socio-Ecological Production Landscapes (SEPLs) in Ghana. **2022**, 247-265
- 114 Microbial trait-based approaches for agroecosystems. **2022**,
- 113 The potential of large floodplains to remove nitrate in river basins âThe Danube case. **2022**, 156879 0
- 112 Soil Microbiome Signatures are Associated with Pesticide Residues in Arable Landscapes.
- 111 Overview of studies on ecosystem services in riparian zones: a systematic review. 34,
- 110 Economics of Biorights. **2022**, 99-121
- 109 Legumes for agroecosystem services and sustainability. **2022**, 363-380
- 108 Securing Land and Water for Food Production through Sustainable Land Reform: A Nexus Planning Perspective. **2022**, 11, 974 1
- 107 Climate change affects us in the tropics: local perspectives on ecosystem services and well-being sensitivity in Southeast Brazil. **2022**, 22, 0
- 106 Reconstructing the ecosystem context of a species: Honey-borne DNA reveals the roles of the honeybee. **2022**, 17, e0268250

105	An empirical and expert-knowledge hybrid approach to implement farmland habitat assessment for birds.	0
104	Measuring the Relationship between Physical Geographic Features and the Constraints on Ecosystem Services from Urbanization Development. 2022 , 14, 8149	2
103	Assessing Farmer Incentives for Transitioning Toward Sustainable Agriculture and Provisioning of Clean Water. 4,	
102	Integrating agri-environmental indicators, ecosystem services assessment, life cycle assessment and yield gap analysis to assess the environmental sustainability of agriculture. 2022 , 141, 109107	0
101	Mapping biodiversity and ecosystem service trade-offs and synergies of agricultural change trajectories in Europe. 2022 , 136, 387-399	0
100	Mapping and assessing ecosystem service supply–demand to identify critical areas: A case study of a waterside area in Shanghai metropolitan area. 10,	0
99	Recycling paper to recarbonise soil. 2022 , 157473	1
98	Public perception of ecosystem and social services produced by Sardinia extensive dairy sheep farming systems. 2022 , 10,	0
97	Modeling Water Dynamics for Assessing and Managing Ecosystem Services in India. 2022 , 69-103	0
96	Vineyard Management and Its Impacts on Soil Biodiversity, Functions, and Ecosystem Services. 10,	1
95	Addressing the food security and conservation challenges: Can be aligned instead of apposed?. 3,	
94	Ecosystem services trade-offs in landscapes: trends, areas of greatest impact, and temporal evolution of the scientific field. 2022 , 37, 2225-2239	0
93	Spatiotemporal patterns of gross ecosystem product across China's cropland ecosystems over the past two decades. 10,	0
92	Farmers's–knowledge and practices on pollination and insecticide use in cocoa farming in Ghana. 1-13	1
91	Modelling the role of ground-true riparian vegetation for providing regulating services in a Mediterranean watershed. 2022 ,	0
90	The responses of river discharge and sediment load to historical land-use/land-cover change in the Mekong River Basin. 2022 , 194,	0
89	Rainforest conversion to rubber and oil palm reduces abundance, biomass and diversity of canopy spiders. 10, e13898	0
88	Progress and Prospects of Ecosystem Disservices: An Updated Literature Review. 2022 , 14, 10396	0

- 87 Native marsupial acts as an in situ biological control agent of the main soybean pest (*Euschistus heros*) in the Neotropics. **2022**, 68,
- 86 Hidden gaps under the canopy: LiDAR-based detection and quantification of porosity in tree belts. **2022**, 142, 109243 ○
- 85 Agroecosystem services: A review of concepts, indicators, assessment methods and future research perspectives. **2022**, 142, 109218 ○
- 84 The adequacy of alfalfa crops as an agri-environmental scheme: A review of agronomic benefits and effects on biodiversity. **2022**, 69, 126253 ○
- 83 Estimating the value of ecosystem services in agricultural landscapes amid intensification pressures: The Brazilian case. **2022**, 57, 101476 ○
- 82 Do agroecological practices enhance the supply of ecosystem services? A comparison between agroecological and conventional horticultural farms. **2022**, 57, 101474 ○
- 81 The spatial pattern of agricultural ecosystem services from the production-living-ecology perspective: A case study of the Huaihai Economic Zone, China. **2022**, 122, 106355 1
- 80 Financial profitability of diversified farming systems: A global meta-analysis. **2022**, 201, 107595 ○
- 79 Soil microbiome signatures are associated with pesticide residues in arable landscapes. **2022**, 174, 108830 ○
- 78 Tailor-made solutions for regenerative agriculture in the Netherlands. **2022**, 203, 103518 ○
- 77 Trade-offs and synergies in agricultural landscapes: A study on soil-related ecosystem services in the Brazilian Atlantic rainforest. **2022**, 16, 100205 ○
- 76 How Dis-Services Illuminate Divergence between Nature's Contribution to People and Ecosystem Services? An Assessment of *Empetrum Nigrum*. ○
- 75 La Fattoria Medicea di Cascine di Tavola a Prato. ○
- 74 Assessing the impact of global initiatives on current and future land restoration scenarios in India. **2023**, 216, 114413 ○
- 73 Challenges for future food systems: From the Green Revolution to food supply chains with a special focus on sustainability. ○
- 72 Cities' urban resilience in the face of urban sprawl challenges. **2022**, 21, 295-319 ○
- 71 Phytophysiognomy and temperature in an environmental preservation area in southern Minas Gerais influence the diversity and abundance of Syrphidae (Diptera) species. ○
- 70 Identifying Ecosystem Services Bundles for Ecosystem Services Trade-Off/Synergy Governance in an Urbanizing Region. **2022**, 11, 1593 ○

- 69 An ecosystem service approach to the study of vineyard landscapes in the context of climate change: a review. ○
- 68 Resource amount and discontinuity influence flight and reproduction in *Hippodamia convergens* (Coleoptera: Coccinellidae). **2022**, 13, ○
- 67 Spatiotemporal changes of ecosystem service trade-offs under the influence of forest conservation project in Northeast China. 10, ○
- 66 Altered litter and cellulose decomposition across an anthropogenic habitat modification gradient in Sulawesi, Indonesia. ○
- 65 Role of phosphorus and potassium nutrition in enhancing yield, nutrient use efficiency and quality of wheat under variable aged poplar (*Populus deltoides* Bartr.) plantations in India. ○
- 64 Measuring changes in financial and ecosystems service outcomes with simulated grassland restoration in a Corn Belt watershed. 6, ○
- 63 Data-Driven Evaluation and Optimization of Agricultural Environmental Efficiency with Carbon Emission Constraints. **2022**, 14, 11849 ○
- 62 Mapping Ecosystem Service Supply&Demand Bundles for an Integrated Analysis of Tradeoffs in an Urban Agglomeration of China. **2022**, 11, 1558 1
- 61 Organic matter in the pest and plant disease control: a meta-analysis. **2022**, 9, ○
- 60 Concept and Approaches of Ecosystem Services in Agriculture. **2022**, 1-16 ○
- 59 Ecosystem Services, Poverty Alleviation and Land Productivity: A Critical Survey of a Complex âM^ hage ^ Troisâ□**2022**, 3, 1112-1122 ○
- 58 Synthesizing the evidence of nitrous oxide mitigation practices in agroecosystems. **2022**, 17, 114024 ○
- 57 Adoption of Modern Hive Beekeeping Technology: Evidence from Ethiopia. ○
- 56 Rice growth stages modulate rhizosphere bacteria and archaea co-occurrence and sensitivity to long-term inorganic fertilization. ○
- 55 Analyzing Spatio-Temporal Characteristics of Cultivated Land Fragmentation and Their Influencing Factors in a Rapidly Developing Region: A Case Study in Guangdong Province, China. **2022**, 11, 1750 1
- 54 Evaluation of Carbon Stock, Nitrogen, and Phosphorus Contents in Forest Soil and Litter at Bintulu&Acacia mangium Chronosequence Age Stand Plantation, Sarawak, Malaysia. **2022**, 45, 1069-1093 ○
- 53 Climate change creates opportunities to expand agriculture in the Hindu Kush Himalaya but will cause considerable ecosystem trade-offs. **2022**, 4, 111001 ○
- 52 Assessing a VisNIR penetrometer system for in-situ estimation of soil organic carbon under variable soil moisture conditions. **2022**, 224, 197-212 ○

51	Crop yield response to long-term reduced tillage in a conventional and organic farming system on a sandy loam soil. 2023 , 225, 105553	2
50	Residue incorporation and organic fertilisation improve carbon and nitrogen turnover and stabilisation in maize monocropping. 2023 , 342, 108255	0
49	Znaczenie "zazielenienia" w zapewnieniu r^borodnoœi biologicznej. 2016 , 16, 110-120	0
48	Mitigating Climate Change: The Influence of Arbuscular Mycorrhizal Fungi on Maize Production and Food Security.	0
47	Designing Watersheds for Integrated Development (DWID): Combining hydrological and economic modeling for optimizing land use change to meet water quality regulations. 2022 , 100209	0
46	Research progress and prospects of ecosystem carbon sequestration under climate change (1992â2022). 2022 , 145, 109656	0
45	Novel approaches and practices to sustainable agriculture. 2022 , 10, 100446	1
44	Ecosystem services and disservices of meat and dairy production: A systematic literature review. 2022 , 58, 101494	0
43	Sustainable Agriculture and Cultivation Practices. 2023 ,	0
42	Biodiversity mediates relationships between anthropogenic drivers and ecosystem services across global mountain, island and delta systems. 2023 , 78, 102612	1
41	Changes in authorship, networks, and research topics in ecosystem services. 2023 , 59, 101501	1
40	The combination of crop diversification and no tillage enhances key soil quality parameters related to soil functioning without compromising crop yields in a low-input rainfed almond orchard under semiarid Mediterranean conditions. 2023 , 345, 108320	1
39	Potential of conservation agriculture for ecosystem services: A review. 2019 , 89,	0
38	Factors influencing the adoption of sustainable agricultural practices: the case of seven horticultural farms in the United Kingdom. 2022 , 138, 291-320	0
37	Thermosensitive methylcellulose spray-dried microcapsules as a controlled release carrier for soil management. 2022 , 75, 953-965	0
36	Intercropping legumes and intermediate wheatgrass increases forage yield, nutritive value, and profitability without reducing grain yields. 6,	0
35	Invited Review: Ecosystem services provided by grasslands in the Southeast United States. 2022 , 38, 648-659	0
34	Practicing Critical Zone Observation in Agricultural Landscapes: Communities, Technology, Environment and Archaeology. 2023 , 12, 179	0

- 33 On the relation between monocultures and ecosystem services in the Global South: A review. **2023**, 278, 109870 ○
- 32 Ecosystem Services Research in Green Sustainable Science and Technology Field: Trends, Issues, and Future Directions. **2023**, 15, 658 1
- 31 Un-yielding: Evidence for the agriculture transformation we need. ○
- 30 Assessing Temporal Changes in Ecosystem Service Provisions: Conceiving Future Pathways. **2023**, 289-307 ○
- 29 Impacts of Societal Development on the Evolution of Ecosystem Services in the Heihe River Basin, China. **2023**, 9, ○
- 28 Dynamic bundles to detect the spatiotemporal characteristics and impact factors of ecosystem services in northern China. 030913332311541 ○
- 27 The potential to increase grassland soil C stocks by extending reseeding intervals is dependent on soil texture and depth. **2023**, 334, 117465 ○
- 26 Weak environmental adaptation of rare phylotypes sustaining soil multi-element cycles in response to decades-long fertilization. **2023**, 871, 162063 ○
- 25 Wissenschaftliche Grundlagen zum Strategiediskurs für einen nachhaltigen Pflanzenbau. **2022**, 73, 153-192 ○
- 24 Underutilized Vegetable Crops in the Mediterranean Region: A Literature Review of Their Requirements and the Ecosystem Services Provided. **2023**, 15, 4921 ○
- 23 Assessing high quality agricultural lands through the ecosystem services lens: Insights from a rapidly urbanizing agricultural region in the western United States. **2023**, 349, 108435 ○
- 22 A proposal for the assessment of soil security: Soil functions, soil services and threats to soil. **2023**, 10, 100086 ○
- 21 The influence of roots on soil's electrical signature. **2023**, 25, 100670 ○
- 20 Mixed farming and agroforestry systems: A systematic review on value chain implications. **2023**, 206, 103606 ○
- 19 The environmental impact of agriculture: An instrument to support public policy. **2023**, 147, 109961 ○
- 18 Ecological quality as a coffee quality enhancer. A review. **2023**, 43, ○
- 17 Impacts of Semiochemical Traps Designed for *Bruchus rufimanus* Boheman 1833 (Coleoptera: Chrysomelidae) on Nontarget Beneficial Entomofauna in Field Bean Crops. **2023**, 14, 153 ○
- 16 Domestic Cattle in a National Park Restricting the Sika Deer Due to Diet Overlap. **2023**, 13, 561 ○

- 15 Community priorities, values, and perceptions associated with ecosystem services provided by the socio-ecological landscapes of Darjeeling-Sikkim Himalaya. **2023**, 23, 0
- 14 AVALIAÇÃO DA CAPACIDADE DE PROVISÃO DE SERVIÇOS AGROECOSSISTÊMICOS EM AÇAIAS NO MUNICÍPIO DE ABAETETUBA (PA). **2023**, 18, 452-472 0
- 13 New Digital Infrastructure—Impact on Agricultural Eco-Efficiency Improvement: Influence Mechanism and Empirical Test—Evidence from China. **2023**, 20, 3552 1
- 12 Participatory mapping of ecosystem services across a gradient of agricultural intensification in West Kalimantan, Indonesia. **2023**, 19, 0
- 11 Interactions Between Changing Climates and Land Uses: The Case of Urmia Lake, Iran. **2023**, 139-159 0
- 10 Agroforestry orchards support greater butterfly diversity than monoculture plantations in the tropics. **2023**, 201, 863-875 0
- 9 Effects of conservation farming practices on agro-ecosystem services for sustainable food security in Bangladesh. 0
- 8 Engagement in water governance action situations in the Lake Champlain Basin. **2023**, 18, e0282797 0
- 7 Native vegetation embedded in landscapes dominated by corn and soybean improves honey bee health and productivity. 0
- 6 The contrasting response of cavity-nesting bees, wasps and their natural enemies to biodiversity conservation measures. 0
- 5 Bird and Arthropods Predation in Mosaic Agricultural Landscapes: Implication of Habitat Heterogeneity for Ecosystem Services. 0
- 4 Hoverflies provide pollination and biological pest control in greenhouse-grown horticultural crops. 14, 0
- 3 Do Cover Crops Increase Subsequent Crop Yield in Temperate Climates? A Meta-Analysis. **2023**, 15, 6517 0
- 2 Economic value of biological nitrogen fixation in soybean crops in Brazil. **2023**, 31, 103158 0
- 1 Wireworm management in conservation agriculture. 0