

Branching out: Agroforestry as a climate change mitigation agriculture

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Highlights of the January 22 issue. <i>Neurology</i> , 2008, 70, 247-247.	1.1	0
2	Soil biochemical properties and microbial resilience in agroforestry systems: Effects on wheat growth under controlled drought and flooding conditions. <i>Science of the Total Environment</i> , 2013, 463-464, 51-60.	8.0	75
3	Conservation Practices for Climate Change Adaptation. <i>Advances in Agronomy</i> , 2013, 121, 47-115.	5.2	54
4	Maximizing the Environmental Benefits of Carbon Farming through Ecosystem Service Delivery. <i>BioScience</i> , 2013, 63, 793-803.	4.9	36
5	Sustainable Development and Equity. , 2015, , 283-350.		6
6	Identifying opportunities for conservation embedded in cropland anthromes. <i>Landscape Ecology</i> , 2014, 29, 1811-1819.	4.2	34
7	Intercropping treesâ€™ effect on soil oribatid diversity in agro-ecosystems. <i>Agroforestry Systems</i> , 2014, 88, 671-678.	2.0	9
8	Soil organic carbon sequestration in agroforestry systems. A review. <i>Agronomy for Sustainable Development</i> , 2014, 34, 443-454.	5.3	282
9	Permaculture for agroecology: design, movement, practice, and worldview. A review. <i>Agronomy for Sustainable Development</i> , 2014, 34, 251-274.	5.3	155
10	Root distribution of different mature tree species growing on contrasting textured soils in temperate windbreaks. <i>Plant and Soil</i> , 2014, 380, 429-439.	3.7	25
11	Using hedgerow biodiversity to enhance the carbon storage of farmland in the Fraser River delta of British Columbia. <i>Journal of Soils and Water Conservation</i> , 2015, 70, 247-256.	1.6	26
12	Developing in situ Non-Destructive Estimates of Crop Biomass to Address Issues of Scale in Remote Sensing. <i>Remote Sensing</i> , 2015, 7, 808-835.	4.0	72
13	Digging Deeper: A Case Study of Farmer Conceptualization of Ecosystem Services in the American South. <i>Environmental Management</i> , 2015, 56, 802-813.	2.7	15
14	Determining tree water acquisition zones with stable isotopes in a temperate tree-based intercropping system. <i>Agroforestry Systems</i> , 2015, 89, 611-620.	2.0	25
15	Biogeochemical Research Priorities for Sustainable Biofuel and Bioenergy Feedstock Production in the Americas. <i>Environmental Management</i> , 2015, 56, 1330-1355.	2.7	15
16	Maize yield patterns on the leeward side of tree windbreaks are site-specific and depend on rainfall conditions in eastern Canada. <i>Agroforestry Systems</i> , 2015, 89, 237-246.	2.0	20
17	The Value of Land Restoration as a Response to Climate Change. , 2016, , 235-245.		4
18	Carbon Sequestration and Carbon Markets for Tree-Based Intercropping Systems in Southern Quebec, Canada. <i>Atmosphere</i> , 2016, 7, 17.	2.3	13

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19	The response of the soil microbial food web to extreme rainfall under different plant systems. <i>Scientific Reports</i> , 2016, 6, 37662.	3.3	21
20	Tree Plantations in Saline Environments: Ecosystem Services, Carbon Sequestration and Climate Change Mitigation. <i>Advances in Agroforestry</i> , 2016, , 181-195.	0.8	1
21	Estimating carbon storage in windbreak trees on U.S. agricultural lands. <i>Agroforestry Systems</i> , 2016, 90, 889-904.	2.0	17
23	Land Use Competition. , 2016, , .		17
24	Agroforestry for Ecological Restoration of Salt-Affected Lands. , 2016, , 161-182.		11
25	Forest and grassland cover types reduce net greenhouse gas emissions from agricultural soils. <i>Science of the Total Environment</i> , 2016, 571, 1115-1127.	8.0	49
26	Computational Agroecology. , 2016, , .		18
27	Field-scale habitat complexity enhances avian conservation and avian-mediated pest-control services in an intensive agricultural crop. <i>Agriculture, Ecosystems and Environment</i> , 2016, 225, 140-149.	5.3	48
28	Climate change and US agriculture: Opportunities for conservation to reduce and mitigate emissions and to support adaptation to rapid change. <i>Journal of Soils and Water Conservation</i> , 2016, 71, 69-81.	1.6	1
29	Addressing Climate Change Mitigation and Adaptation Together: A Global Assessment of Agriculture and Forestry Projects. <i>Environmental Management</i> , 2016, 57, 271-282.	2.7	45
30	Agroforestry: a sustainable environmental practice for carbon sequestration under the climate change scenariosâ€”a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11177-11191.	5.3	104
31	Soil greenhouse gas emissions from agroforestry and other land uses under different moisture regimes in lower Missouri River Floodplain soils: a laboratory approach. <i>Agroforestry Systems</i> , 2018, 92, 335.	2.0	11
32	Traditional agriculture: a climate-smart approach for sustainable food production. <i>Energy, Ecology and Environment</i> , 2017, 2, 296-316.	3.9	169
33	Participatory land-use approach for integrating climate change adaptation and mitigation into basin-scale local planning. <i>Sustainable Cities and Society</i> , 2017, 35, 47-56.	10.4	19
34	Improving water resilience with more perennially based agriculture. <i>Agroecology and Sustainable Food Systems</i> , 2017, 41, 799-824.	1.9	18
35	Soil CO ₂ , CH ₄ and N ₂ O emissions from production fields with planted and remnant hedgerows in the Fraser River Delta of British Columbia. <i>Agroforestry Systems</i> , 2017, 91, 1139-1156.	2.0	8
36	Potential of Windbreak Trees to Reduce Carbon Emissions by Agricultural Operations in the US. <i>Forests</i> , 2017, 8, 138.	2.1	7
37	Reduced nitrogen losses after conversion of row crop agriculture to alley cropping with mixed fruit and nut trees. <i>Agriculture, Ecosystems and Environment</i> , 2018, 258, 172-181.	5.3	27

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38	Soybean supplementation increases the resilience of microbial and nematode communities in soil to extreme rainfall in an agroforestry system. <i>Science of the Total Environment</i> , 2018, 626, 776-784.	8.0	20
39	Scanning agroforestry-based solutions for climate change mitigation and adaptation in Europe. <i>Environmental Science and Policy</i> , 2018, 80, 44-52.	4.9	68
40	Frontiers in alley cropping: Transformative solutions for temperate agriculture. <i>Global Change Biology</i> , 2018, 24, 883-894.	9.5	52
41	Total Biomass Carbon Sequestration Ability Under the Changing Climatic Condition by <i>Paulownia tomentosa</i> Steud. <i>International Journal of Applied Sciences and Biotechnology</i> , 2018, 6, 220-226.	0.8	9
42	Linking Climate Change Adaptation and Mitigation: A Review with Evidence from the Land-Use Sectors. <i>Land</i> , 2018, 7, 158.	2.9	19
43	Permacultureâ€™Scientific Evidence of Principles for the Agroecological Design of Farming Systems. <i>Sustainability</i> , 2018, 10, 3218.	3.2	45
44	Winter cereal production in a Mediterranean silvoarable walnut system in the face of climate change. <i>Agriculture, Ecosystems and Environment</i> , 2018, 264, 111-118.	5.3	41
45	Enrichment Planting and Soil Amendments Enhance Carbon Sequestration and Reduce Greenhouse Gas Emissions in Agroforestry Systems: A Review. <i>Forests</i> , 2018, 9, 369.	2.1	23
46	Effects of Biochar on the Net Greenhouse Gas Emissions under Continuous Flooding and Water-Saving Irrigation Conditions in Paddy Soils. <i>Sustainability</i> , 2018, 10, 1403.	3.2	20
47	Trade-Off between Energy Wood and Grain Production in Temperate Alley-Cropping Systems: An Empirical and Simulation-Based Derivation of Land Equivalent Ratio. <i>Agriculture (Switzerland)</i> , 2019, 9, 147.	3.1	14
48	Wheat and barley can increase grain yield in shade through acclimation of physiological and morphological traits in Mediterranean conditions. <i>Scientific Reports</i> , 2019, 9, 9547.	3.3	40
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50	Nutrient acquisition strategies in agroforestry systems. <i>Plant and Soil</i> , 2019, 444, 1-19.	3.7	96
51	Hi-sAFe: A 3D Agroforestry Model for Integrating Dynamic Treeâ€™Crop Interactions. <i>Sustainability</i> , 2019, 11, 2293.	3.2	44
52	Germplasm Development of Underutilized Temperate U.S. Tree Crops. <i>Sustainability</i> , 2019, 11, 1546.	3.2	4
53	Specific legumes allay drought effects on soil microbial food web activities of the focal species in agroecosystem. <i>Plant and Soil</i> , 2019, 437, 455-471.	3.7	18
54	Carbon sequestration and nitrogen uptake in a temperate silvopasture system. <i>Nutrient Cycling in Agroecosystems</i> , 2019, 114, 85-98.	2.2	25
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57	Climate change adaptation: a study of multiple climate-smart practices in the Nile Basin of Ethiopia. <i>Climate and Development</i> , 2019, 11, 180-192.	3.9	71
58	Role of trees and herbaceous vegetation beneath trees in maintaining arbuscular mycorrhizal communities in temperate alley cropping systems. <i>Plant and Soil</i> , 2020, 453, 153-171.	3.7	34
59	Soil microbial community and activity in a tropical integrated crop-livestock system. <i>Applied Soil Ecology</i> , 2020, 145, 103350.	4.3	41
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64	Agroforestry boosts soil health in the humid and sub-humid tropics: A meta-analysis. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106899.	5.3	114
65	Carbon accumulation in agroforestry systems is affected by tree species diversity, age and regional climate: A global meta-analysis. <i>Global Ecology and Biogeography</i> , 2020, 29, 1817-1828.	5.8	52
66	Alley cropping affects perennial bioenergy crop root distribution, carbon, and nutrient stocks. <i>Agronomy Journal</i> , 2020, 112, 3718-3732.	1.8	5
67	Influence of forest-to-silvopasture conversion and drought on components of evapotranspiration. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106916.	5.3	16
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73	Mapping Transformation of Degraded Lands to Potential Agro-Forestry in West Haryana, India: A Geo-Spatial Approach. <i>Journal of the Indian Society of Remote Sensing</i> , 2021, 49, 2057-2068.	2.4	0

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75	Climate change adaptation in and through agroforestry: four decades of research initiated by Peter Huxley. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2021, 26, 1.	2.1	26
77	Potential distribution of sugar palm in Jepara Regency for soil conservation and climate change mitigation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 824, 012011.	0.3	0
78	Scaling up of jujube-based agroforestry practice and management innovations for improving efficiency and profitability of land uses in Bangladesh. <i>Agroforestry Systems</i> , 2022, 96, 249-263.	2.0	9
79	Competition, stress and benefits: Trees and crops in the transition zone of a temperate short rotation alley cropping agroforestry system. <i>Journal of Agronomy and Crop Science</i> , 2022, 208, 209-224.	3.5	22
81	Assessment and mitigation of tangible flood damages driven by climate change in a tropical city: Hat Yai Municipality, southern Thailand. <i>Science of the Total Environment</i> , 2021, 789, 147983.	8.0	10
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87	Multiple livelihood strategies and high floristic diversity increase the adaptive capacity and resilience of Sri Lankan farming enterprises. <i>Science of the Total Environment</i> , 2020, 739, 139120.	8.0	11
88	Agroforestry solutions for buffering climate variability and adapting to change.. , 2014, , 216-232.		16
89	Land Evaluation in terms of Agroforestry Suitability, an Approach to Improve Livelihood and Reduce Poverty: A FAO based Methodology by Geospatial Solution: A case study of Palamu district, Jharkhand, India. <i>Ecological Questions</i> , 0, 25, 67.	0.3	14
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100	Agroforestry for Rehabilitation of Degraded Landscapes: Achieving Livelihood and Environmental Security. , 2020, , 23-68.		8
101	Impact of Climate Change on Crop Production: Effects and Management. , 2020, , 171-187.		0
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104	Soil and water ecosystem services of agroforestry. <i>Journal of Soils and Water Conservation</i> , 2022, 77, 5A-11A.	1.6	6
105	Soil carbon sequestration potential of planting hedgerows in agricultural landscapes. <i>Journal of Environmental Management</i> , 2022, 307, 114484.	7.8	14
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117	Willows rapidly affect microclimatic conditions and forage yield in two temperate short-rotation agroforestry systems. <i>Agroforestry Systems</i> , 2022, 96, 1009-1021.	2.0	3

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119	Phenological, morphological and physiological drivers of cereal grain yield in Mediterranean agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2022, 340, 108158.	5.3	6
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126	Effects of a tree row on greenhouse gas fluxes, growing conditions and soil microbial communities on an oat field in Southern Finland. <i>Agriculture, Ecosystems and Environment</i> , 2023, 352, 108525.	5.3	1
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130	Increasing tree cover on Irish dairy and drystock farms: The main attitudes, influential bodies and barriers that affect agroforestry uptake. <i>Environmental Science and Policy</i> , 2023, 146, 76-89.	4.9	1
131	Sustainability of Agroforestry Practices and their Resilience to Climate Change Adaptation and Mitigation in Sub-Saharan Africa: A Review. <i>Ekologia</i> , 2023, 42, 179-192.	0.8	0
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138	Restoration of Degraded Soils for Food Production Through Agroforestry. Sustainable Development and Biodiversity, 2024, , 275-291.	1.7	0
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140	Cultivating debate: the dichotomy of trees in agroecosystems. Frontiers in Forests and Global Change, 0, 7, .	2.3	0
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