

(Abstracted/indexed in: AGRICOLA, Biological Abstracts, Biological & Agricultural Index, Elsevier BIOBASE/Current Awareness in Biological Sciences, Ecological Abstracts, EMBiology, Environment Abstracts, Environmental Periodicals Bibliography, Excerpta Medica, Geo Abstracts, Geobase, Science Citation Index, TROPAG and RURAL Database. Also covered in the abstract and citation database SciVerse SCOPUS®. Full text available on SciVerse ScienceDirect®.)

Annual vs. perennial grain production D. Pimentel, D. Cerasale, R.C. Stanley, R. Perlman, E.M. Newman, L.C. Brent, A. Mullan and D.T. Chang (USA)	1
The effects of land sparing and wildlife-friendly practices on grassland bird abundance within organic farmlands J.E. Quinn, J.R. Brandle and R.J. Johnson (USA).....	10
A geospatial modeling framework for assessing biofuels-related land-use and land-cover change R. Li, Q. Guan and J. Merchant (United States)	17
Crop residue removal effects on soil carbon: Measured and inter-model comparisons W.N. Smith, B.B. Grant, C.A. Campbell, B.G. McConkey, R.L. Desjardins, R. Kröbel and S.S. Malhi (Canada).....	27
Breeding ecology of rice field rats, <i>Rattus argentiventer</i> and <i>R. tanezumi</i> in lowland irrigated rice systems in the Philippines N.M. Htwe, G.R. Singleton, L.A. Hinds, C.R. Propper and V. Sluydts (Philippines, USA, Myanmar, Australia, Belgium)	39
Soil management affects carbon dynamics and yield in a Mediterranean peach orchard G. Montanaro, B. Dichio, C. Briccoli Bati and C. Xiloyannis (Italy)	46
An agent-based model for analyzing land use dynamics in response to farmer behaviour and environmental change in the Pampanga delta (Philippines) F. Mialhe, N. Becu and Y. Gunnell (France, Belgium)	55
Spatial genetic structure and low diversity of the rare arable plant <i>Bupleurum rotundifolium</i> L. indicate fragmentation in Central Europe C. Brütting, S. Meyer, P. Kühne, I. Hensen and K. Wesche (Germany)	70
Comment to "Pasture shade and farm management effects on cow productivity in the tropics" by Justin A.W. Ainsworth, Stein R. Moe, C. Skarpe [Agric. Ecosyst. Environ. 155 (2012) 105-110] R.M. Mauricio (Brazil).....	78
Multi-scale effects of farmland management on dragonfly and damselfly assemblages of farmland ponds E.M. Raebel, T. Merckx, R.E. Feber, P. Riordan, D.J. Thompson and D.W. Macdonald (UK, Portugal).....	80
Soil water availability strongly modulates soil CO ₂ efflux in different Mediterranean ecosystems: Model calibration using the Bayesian approach A.C. Correia, F. Minunno, M.C. Caldeira, J. Banza, J. Mateus, M. Carneiro, L. Wingate, A. Shvaleva, A. Ramos, M. Jongen, M.N. Bugalho, C. Nogueira, X. Lecomte and J.S. Pereira (Portugal, France).....	88
N fluxes in an agricultural catchment under monsoon climate: A budget approach at different scales J. Kettering, J.-H. Park, S. Lindner, B. Lee, J. Tenhunen and Y. Kuzyakov (Germany, Republic of Korea)	101
Carbon sequestration and land rehabilitation through <i>Jatropha curcas</i> (L.) plantation in degraded lands S.P. Wani, G. Chander, K.L. Sahrawat, Ch. Srinivasa Rao, G. Raghvendra, P. Susanna and M. Pavani (India).....	112
Local and neighbourhood effects of organic and conventional wheat management on aphids, weeds, and foliar diseases M. Gosme, M. de Villemandy, M. Bazot and M.-H. Jeuffroy (France)	121
Considering winter cover crop selection as green manure to control methane emission during rice cultivation in paddy soil S.Y. Kim, J. Gutierrez and P.J. Kim (South Korea).....	130
More trees less loss: Nitrogen leaching losses decrease with increasing biomass in coffee agroforests K.L. Tully, D. Lawrence and T.M. Scanlon (USA).....	137
Sequential extraction of phosphorus in an Oxisol amended with biosolids in a long-term field experiment in Brazil L.R.F. Alleoni, A.R. Fernandes and B.L. Correia (Brazil).....	145
Validation of the EPIC model and its utilization to research the sustainable recovery of soil desiccation after alfalfa (<i>Medicago sativa</i> L.) by grain crop rotation system in the semi-humid region of the Loess Plateau X.-C. Wang, J. Li, M.N. Tahir and X.-Y. Fang (China, Pakistan)	152
Farming with alternative pollinators (FAP)-An overlooked win-win-strategy for climate change adaptation S. Christmann and A.A. Aw-Hassan (Uzbekistan, Jordan)	161
Residual effects of lime and sewage sludge inputs on soil fertility and tree and pasture production in a <i>Pinus radiata</i> D. Don silvopastoral system established in a very acidic soil M.R. Mosquera-Losada, A. Rigueiro-Rodríguez and N. Ferreiro-Domínguez (Spain).....	165