**General information**

This file with Supplementary data belongs to the following study:

# Modeling agricultural systems and policies to advance sustainability: a review (Master's thesis)


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| Academic year: | 2023-2024 |


**Structure of the document**

The results have been produced and are presented in several phases:

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| Phase 1 | Screening and inclusion |
| Phase 2 | Classification |
| Phase 3 | Analysis |

Each phase is explained in the corresponding Readme sheet

| Inclusion | C1 language | C2 agriculture | C3 model | C4 macro level | Authors |
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| 0 | 1 | 0 | 1 | 1 | Sanderson M.R.; E |
| 0 | 1 | 0 | 1 | 1 | Bartolini F.; Galler |
| 0 | 1 | 0 | 1 | 1 | Zhao D.; Liu J.; Su |
| 0 | 1 | 0 | 1 | 1 | Bartolini F.; Galler |
| 0 | 1 | 0 | 1 | 2 | Van Beek E. |
| 0 | 1 | 0 | 1 | 2 | Lin X.; Chen G.; Ni |
| 0 | 1 | 0 | 1 | 0 | Baffaut C.; Ghidey |
| 0 | 1 | 0 | 1 | 0 | Balali H.; Khalilian |
| 0 | 1 | 0 | 1 | 0 | Bailey R.T.; Tasdig |
| 0 | 1 | 0 | 1 | 0 | Baffaut C.; Nelson |

| Title | Year | Abstract | Author Keywc | Index Keywo | Referenc | Language | Cited I | DOI | Link |
|---|---|---|---|---|---|---|---|---|---|
| The influenc | 2011 | Purpose - The | Agriculture; Economic secto | Barkley A. | | English | 7 | 10.1108 | https:/ |
| Soil erosion i | 2019 | New challenge | Erosivity; Land | Agriculture; Europe; M | | English | | | |
| Projecting th | 2001 | Evolving agric | Conservation; | United States | | | | | |
| Do input sub | 2009 | Many governn | Double hurdle | Africa; South | | | | | |
| The use of te | 2014 | Purpose: Evalu | GIS; LANCA® n | Zea mays; or | | | | | |
| Climate char | 2017 | Global climate | Adaptation; Ag | Nepal; Juglan | | | | | |
| Baltic Sea eu | 2019 | Agriculture is a | Baltic Sea; Common agricult | | | | | | |
| Can investm | 2019 | In this study, c | Baltic Sea; Cor | Baltic States; | | | | | |
| Modeling of | 2019 | The article dea | Agriculture; Cc | Ukraine; agri | | | | | |
| The Price of | 2023 | The consumpt | agri-food marl | Madrid; Com | | | | | |
| Associations | 2023 | Fallow agricult | agricultural int | Germany; ab | | | | | |
| An assessme | 2023 | To develop ap | Agriculture; Cl | Austria; Aqui | | | | | |
| Agricultural p | 2015 | Conservation a | agent-based m | agricultural policy; ecos | | English | | | |
| Whither Part | 2018 | In this chapter | Comprehensive | Africa Agric | Badiane C | English | 3 | 10.1007 | https:/ |
| Modelling th | 2004 | Cereal steppe | CAP; Cereal st | Eurasia; Europe; Aves; a | | English | | | |
| Virtual water | 2021 | A dynamic mu | Huaihe River b | Anhui; China; Henan; H | | English | | | |
| Policy analys | 2016 | This paper ma | Agricultural production; Computable g | | | English | | | |
| Agent-based | 2003 | The goal of | Spatial Decision S | Cache River Basin; Illinc | | English | | | |
| Land use mo | 2009 | Land use syste | Land use mod | Harness; Decision maki | | English | | | |
| Applying the | 2019 | As an importa | Lake Urmia; Pc | Iran; Agricultural robots | | English | | | |
| Overview of | 1990 | This paper has | been directed | Dams, Concre | | | | | |
| Modelling th | 2000 | An important | Benefits transf | Economic and | | | | | |
| Impact of lor | 2002 | Within this pa | Belgium; Catch | Belgium; Floc | | | | | |
| Balancing po | 2005 | For the past th | Clean Water A | Agriculture; M | | | | | |
| Weight perce | 2005 | This study det | Bilateral agricultural trade; I | | | | | | |
| Tax exemptic | 2005 | In 2002 the | German Parliame | Fuels; Gasolir | | | | | |
| Regional inte | 2007 | Semi-arid regi | Climate chang | Brazil; South | | | | | |
| Monitoring a | 2008 | The need to ur | Diffuse water | agricultural m | | | | | |
| Predicting se | 2008 | The awarenes | Channel banks | England; Eura | | | | | |
| Bioeconomic | 2008 | Bioeconomic r | Aquaculture; E | Chile; South A | | | | | |
| Assessing the | 2008 | This paper is c | Agriculture; Gc | fresh water; a | | | | | |
| Tools for the | 2009 | Recognition | over the past ce | Africa; South | | | | | |
| Risk of malar | 2009 | The Camargue | Camargue; Dis | Aedes; Anima | | | | | |
| Land consoli | 2009 | During the lon | Land fragment | Croatia; Eura | | | | | |
| Modelled im | 2009 | Emission scen | Agricultural policy; Agricultu | | | | | | |
| Agricultural l | 2010 | The developm | Agricultural pc | East Anglia; E | | | | | |
| Scope-deper | 2010 | Background, a | Attributional; | article; contr | | | | | |
| Socioeconon | 2011 | Although clim | Climate chang | Portugal; Ole | | | | | |
| Groundwate | 2013 | In arid and ser | Groundwater | Mahdia; Tuni | | | | | |
| Climate char | 2013 | Agro-meteoro | Adaptation; Ag | Scotland; Uni | | | | | |
| European me | 2014 | The Joint Rese | crop growth; c | Climate chan | | | | | |
| A spatially ex | 2014 | Biorefineries a | Bioeconomy; ( | Agriculture; E | | | | | |
| Future biodi | 2015 | Decarbonisati | Biodiesel; Con | Agricultural r | | | | | |
| How much w | 2016 | To evaluate pr | Agri-environm | Europe; Apoi | | | | | |
| Do the passe | 2016 | Context The "I | Land use/land | cover dynam | | | | | |
| Spatial inforr | 2016 | Data compatib | Domain mode | Europe; agric | | | | | |
| Homegarder | 2017 | Governments | Cropping syste | Uganda; agri | | | | | |
| Where to im | 2017 | Green Bio-Refi | Grass-based p | Denmark; agı | | | | | |
| Addressing p | 2017 | Voluntary lanc | Auction partic | United States | | | | | |

| | | | | |
|---|---|---|---|---|
| Creating the | 2017 | Agriculture is ( | Agribusiness c | agricultural p |
| Probabilistic | 2018 | Governments | Bayesian Netw | Uganda; agric |
| Can forests b | 2019 | While the role | Forest cover; I | Brazil; Climat |
| Temperature | 2019 | Nature has be | Climate chang | Drakensberg; |
| Coupling ecc | 2019 | The aim of this | Biogas; Climat | Climate mod |
| Peru's road t | 2019 | Most developi | Climate chang | Peru; Climate |
| Modelling tr | 2019 | This article inv | Arab States; E | Tunisia; agric |
| Economic an | 2020 | The article cor | Agrarian policy; | Agricultural |
| Willingness t | 2020 | The effects of | adaptation po | Togo; Zea ma |
| Using model | 2020 | Mitigating the | catchment ma | Cyanobacteri |
| GIS-Based M | 2021 | Due to an incr | GIS technique; | Agricultural r |
| Source Sectc | 2021 | Zero-Out Cont | Community Multi-scale Air ( | |
| The potentia | 2021 | Agricultural in | Agri-Environm | Spain; abund |
| Effects of Nu | 2021 | A novel pan-E | eutrophication; | lower troph |
| Improving fo | 2021 | Evidence is en | Africa; Kenya; | Kenya; adapt |
| Dynamic sim | 2022 | With the rapid | CA-Markov; La | China; Hubei; |
| Developmen | 2022 | A study was u | Android; Fish f | India; Telang |
| Towards Sus | 2022 | Natural resour | Agricultural Policy; | Agro-bio |
| Food prices a | 2023 | This study inve | Africa; food prices; | panel da |
| Simulation o | 2023 | The developm | Agricultural fig | Agricultural t |
| Can Ukraine | 2023 | not an abstract | not an abstract | |
| Modeling co | 2023 | In this paper, v | Agricultural policy; | Cross-co |
| Landscape-le | 2023 | Agri-environm | agri-environm | Agriculture; A |
| Horizontal e | 2024 | Cross-border c | Cross-border c | China; Agricu |
| Sustaining ac | 2024 | Groundwater | Agronomy; Aq | Ogallala Aqui |
| A framework | 2014 | The past ten y | Adaptation; Cl | adaptation; a |
| Parameter u | 2023 | Even accurate | CGE modeling; | Policy analys |
| The applicati | 2019 | Constant mon | Data assimilat | South Americ |
| Policy analys | 2017 | The purpose o | Climate chang | Korea; adapti |
| EDGAR v4.3. | 2019 | The Emissions | Database for | Global Atmosp |
| Regional sca | 2016 | Subsurface mc | Ganga River ba | Ganges River |
| Energy econ | 2018 | Energy econor | Biofuels; Energy | economics; |
| Restructurin | 2023 | Effective inves | CGE model; In | Carbon; Econ |
| Blueprint of | 2016 | The developm | Flanders; Four | Agricultural r |
| Simulating th | 2022 | This study aim | Economic and | China; Carbo |
| Quantitative | 2021 | In rural areas i | Drought; Hum | developing w |
| System Dyna | 2021 | One of the key | Energy saving; | Gavkhuni; Ira |
| The Socio-Te | 2017 | Effective mitig | climate chang | Germany; Ag |
| Policy analys | 2021 | The United Kingdom's food s | | adverse outc |
| CAMS-REG-v | 2022 | This paper presents a state-o | | Europe; air q |
| System dyna | 2017 | In the United S | Energy consur | Agriculture; E |
| Managing fu | 2017 | Megacities in / | Air pollution; ( | Delhi; India; A |
| Achieving su | 2015 | The European Union (EU) has | | Decision mak |
| Adaptation c | 2020 | The projectior | Adaptation; Cl | Iran; Tehran \| |
| Practice char | 2020 | The health of t | Engagement; I | Australia; Cor |
| Agent-based | 2019 | In this article, | Agent-based n | Autonomous |
| Multiscale sp | 2014 | Models of cou | Agent-Based M | Aggregates; A |
| Modelling sp | 2012 | This paper pre | Change-of-support; | Disaggr |
| Developmen | 2010 | Demands grov | Consumption ( | Iran; Agricult |
| Cross-achiev | 2002 | Environmenta | Economic mod | Cost effective |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| An econome | 1991 | This paper pre | Beekeeping; D | USA; beekee | | | |
| Water Policy | 2004 | Rapid agricult | Integrated economic-hydrol | | | | |
| Analysis of tl | 1992 | The development of energy c | Lithuania; Ec | | | | |
| Risk-cost-be | 2005 | This study provides an impro | Agriculture; E | | | | |
| Investigating | 2013 | Summary: It is | China; Industri | China; Enviro | | | |
| The internati | 1999 | Since 1980, th | Demographics; Energy; Envi | | | | |
| Participatory | 2009 | In recent year | Agent-based n | Agricultural r | | | |
| An Integrate | 2012 | Water manage | Adaptation pathways; Meta | | | | |
| Measuring e | 2003 | Kym Anderson draws on the | measuremen | | | | |
| Demand for | 1993 | There is a paucity of data anc | Morocco; agr | | | | |
| Water resou | 2004 | We describe the application | Catchments; | | | | |
| Water alloca | 2006 | Recent water | Economic dev | Hydrology; Ir | | | |
| Modeling ec | 2005 | Growth and d | Development; | North Americ | | | |
| Price-setting | 2010 | The paper stu | Frequency of price changes; | | | | |
| Manufacturi | 2016 | The purpose o | Economic & m | Russian Fede | Bannikova | English | 11 10.153( https:/ |
| Evaluating th | 2022 | CONTEXT: Sim | APEX; Calf wei | Texas; Unitec | Andales A | English | 4 10.101( https:/ |
| Ideotype def | 2020 | One of the key | Adaptation str | Italy; Pisum sativum; ac | | English | |
| The use of bi | 2018 | Simulation mo | GHG emission | France; New Zealand; S | | English | |
| Uneven natu | 2014 | Risk management tools have | | Triticum aestivum | | English | |
| Historical de | 2004 | The developm | APEX; Carbon | Carbon; Climate change | | English | |
| Predicting sc | 2006 | The APEX (Agricultural Policy | | Grain; Grasses; Land Us | | English | |
| Restoration | 2008 | Sustainable m | Decision suppo | Agriculture; Artificial int | | English | |
| APEX model | 2008 | Variability in s | APEX; Atrazine | Agricultural machinery; | | English | |
| APEX model | 2010 | Variability in s | APEX; Atrazine | Goodwater Creek; Miss | | English | |
| The Agricultu | 2010 | The Agricultur | APEX; Best ma | Farms; Land use; Landf | | English | |
| Modeling wa | 2011 | The removal o | APEX model; C | Corn Belt; Iowa; United | | English | |
| APEX simulat | 2012 | One of the ma | Fertilizer; Irrig | Algeria; Aragon; Huesca | | English | |
| APEX calibra | 2013 | Simulation mo | APEX model; C | Atlantic Coastal Plain; G | | English | |
| Monitoring a | 2014 | The evaluatior | APEX model; M | Saint Joseph River; Unit | | English | |
| Agricultural I | 2015 | Long-term hyc | Agricultural Pc | Coshocton; Ohio; Unite | | English | |
| Simulating sc | 2016 | Knowledge of | APEX model; I | Mississippi; United Stat | | English | |
| Simulating yi | 2016 | Soybean is ger | APEX model; I | Mississippi; United Stat | | English | |
| Probabilistic | 2016 | The complexit | APEX model; F | Agriculture; Calibration | | English | |
| Evaluating th | 2017 | Evaluating the | APEX model; E | Agriculture; Conservati | | English | |
| Evaluating th | 2017 | To better und | APEX; Calibrat | Glycine max; Zea mays; | | English | |
| Soybean cro | 2018 | Crop productio | A humid regio | Mississippi; United Stat | | English | |
| Grey water f | 2018 | Grey water footprint (WF) re | | Spain; Zea mays; Agricu | | English | |
| Agricultural | 2019 | Spring peanut | Alternative crop; APEX model; | Peanut | | English | |
| Design and d | 2019 | The diffuse na | APEX model; E | United States; Agricultu | | English | |
| Improving m | 2019 | Cultivation of | APEX model; | Halophyte; Irrigation ma | | English | |
| Conservatior | 2020 | The Conservat | Conservation | Georgia; Israeli Coastal | | English | |
| GeoAPEXOL, | 2020 | Nonpoint sour | APEX model; F | Agriculture; Climate mc | | English | |
| Adapting the | 2020 | Hybrid seed co | APEX paramet | Zea mays; Agricultural r | | English | |
| Conservatior | 2020 | The traditiona | Agricultural Pc | Sub-Saharan Africa; agr | | English | |
| APEX simulat | 2020 | Since most we | Additive regre | California; Sacramento | | English | |
| Evaluating th | 2020 | This research | APEX-Paddy m | Chonju; North Cholla; S | | English | |
| A framework | 2021 | Agricultural Be | APEX; Best ma | Decision making; Envirc | | English | |
| Evaluation o | 2021 | Context: Unde | APEX; Forage I | Great Plains; adaptive r | | English | |
| Alternative c | 2021 | Over-exploitat | Alternative cro | China; North China Plai | | English | |
| Developmen | 2022 | The Agricultur | APEX; best ma | GIS; water quality | | English | |

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|---|---|---|---|---|---|
| An integrate | 2023 | With the grow | Agricultural Pc | South Korea; Climate cl | English |
| Modeling the | 2018 | The agricultur | APEXmodel; C | Ethiopia; Ghana; Tanza | English |
| Evaluating th | 2014 | Selecting the r | APEX; Canagagigue; Hydrology; MIKE S | | English |
| An integrate | 2014 | The USDA initiated the Conservation Effects Assessm | | | English |
| Evaluating in | 2020 | Climate chang | APEX-paddy; C | Agricultural robots; Agr | English |
| Modelling tr | 2012 | The concept o | Agriculture; APSIM; Conservation prac | | English |
| Using AquaC | 2010 | Straightforwar | Crop water pr | Bolivia; Chenopodium c | English |
| AquaCrop-O | 2017 | Crop simulatic | Agriculture; A | Agriculture; Crops; Cult | English |
| On the accur | 2019 | Integrated mo | Agricultural sy | Agriculture; Climate Ch | English |
| ARCAPEX: Ar | 2009 | ArcAPEX is an | Best managen | Catchments; Crops; For | English |
| A high-resolu | 2013 | Soil erosion m | Implementatic | Switzerland; algorithm; | English |
| Assessing far | 2007 | Bio-economic | Agricultural sy | agricultural policy; alter | English |
| Estimating se | 2017 | This study is p | Big Sunflower; | Atlantic Ocean; Big Sun | English |
| Application c | 2002 | A National Pilc | Crop rotations | United States; Agricultu | English |
| Use of CEEO | 2010 | Field-scale and | APEX; FEM; GI | Anoxic sediments; Cost | English |
| Economic eff | 2020 | This research | Agriculture pr | Pakistan; Triticum aesti | English |
| Impacts of re | 2019 | Geospatial var | Barley; Climat | South Korea; Hordeum; | English |
| Fertilizers, hy | 2016 | In the rainfed | Domain-specif | Ica; Nepal; Palpa; Peru; | English |
| Projecting w | 2004 | Computable G | Agricultural trade; Computable genera | | English |
| Participative | 2014 | Mixed crop-liv | Farming syste | France; agricultural ma | English |
| Yield modelli | 2010 | Crop yield fore | Crop modellin | Eurasia; Europe; Italy; S | English |
| Methodolog | 2011 | Ecophysiologic | Adaptation, Ag | Europe; United States; | English |
| Which policy | 2012 | Why do many | Carbon payme | Sub-Saharan Africa; agr | English |
| Earth observ | 2021 | We conductec | Carbon farmin | Agricultural robots; Ant | English |
| Irrigation dis | 2010 | Climate chang | Climatic chang | Andalucia; Cordoba [An | English |
| Evaluation o | 2002 | The Erosion Pr | Crop rotation; flow analysis; leaching; | | English |
| Multiple ben | 2004 | This study empirically estima | Iowa; North America; U | | English |
| Evaluating th | 2009 | In order to sup | Agro-ecosyste | Cultivation; Data envel | English |
| Climate char | 2009 | The agricultur | Agriculture se | agricultural policy; agric | English |
| Bio-economi | 2010 | Soil erosion is | Agricultural sy | Tunisia; crop productio | English |
| Crop manage | 1998 | In the context of EEC agricult | France; Helianthus ann | | English |
| Integration c | 1991 | The integration of herbaceou | Agricultural Products - I | | English |
| The effect of | 2013 | The amount o | Gross margin \ | Agriculture; Animal Fee | English |
| A design for | 2021 | Context: Past | Bio-economic | agricultural manageme | English |
| Appropriate | 2011 | The Common | Agricultural policy; Positive mathemat | | English |
| Modelling th | 2013 | Innovation an | Automatic milking systems; Common | | English |
| Investigating | 2017 | In this paper, \ | CAP reform 2014-20; PMP; policy imp | | English |
| An analysis c | 2012 | The agricultur | Common agric | Bologna [Emilia-Romag | English |
| Multi-object | 2012 | Reconfiguratic | Agroecosyster | Netherlands; Bos; agric | English |
| A model to e | 2019 | Farm models h | FarmDESIGN n | Viet Nam; agricultural l | English |
| A generic bic | 2010 | Bio-economic | Agricultural pc | Agriculture; Conservati | English |
| Integrated d | 2014 | Land use and | Agronomic da | Agronomy; Algebra; Co | English |
| FSSIM, a bio- | 2010 | The disciplinar | Bio-economic | Flevoland; France; Midi | English |
| Integrated as | 2018 | Specialised da | Agro-environmental indicators; Bioec | | English |
| Computer m | 2016 | The extended drought in the | Agriculture; Beef; Drou | | English |
| GeoAPEX-P, | 2023 | Hydrologic mc | APEX; Environ | Decision making; Geogr | English |
| Geospatial d | 2012 | Geographic Information Systems (GIS) and Remote S | | | English |
| The develop | 2006 | Recent reform | Beef productic | Animalia; cattle; Comm | English |
| Surf or turf: / | 2007 | The extensive | Fertilizer; Gulf | Atlantic Ocean; Gulf of | English |
| Does the cro | 2017 | This paper pre | Common agric | agricultural diversificati | English |

| | | | | | |
|---|---|---|---|---|---|
| Modeling Zu | 2020 | The coastal ar | Evapotranspir | Aakkar; Lebanon; Cucu | English |
| Assessing th | 2006 | This paper pre | CAP; Decision- | Animalia; Bos taurus; O | English |
| Developmen | 2016 | The irrigation | Model; MOPE | Agriculture; Algorithms | English |
| Bridging the | 2022 | CONTEXT: Wh | Acrocomia pal | Paraguay; Acrocomia; a | English |
| Incorporatin | 2024 | The continuou | Artificial intelli | agricultural modeling; a | English |
| Exploring op | 2008 | In South Patag | Development | Argentina; Patagonia; S | English |
| Regional ine | 2023 | The implicatio | China; Climate | China; Climate models; | English |
| A new plug-i | 2016 | Developing su | Crop manager | agricultural ecosystem; | English |
| A Field-Scale | 2019 | Agricultural de | decision support system; field scale; m | | English |
| Measuring e | 2005 | The purpose o | APEX; Benefits | Agriculture; Calibration | English |
| Assessing th | 2020 | Wheat yield p | Adaptation str | Alentejo; Portugal; Triti | English |
| Nutrient emi | 2005 | A nutrient emi | Agriculture; Gı | Benelux; Eastern Hemis | English |
| Towards inte | 1998 | The excess of | Agriculture; Na | Netherlands; drinking w | English |
| Simulation o | 2015 | Crop modellin | Relative whea | Delhi; India; New Delhi; | English |
| Hydrologic m | 2004 | A modeling sy | Hydrology; Se | Climatology; Hydrology | English |
| A modeling a | 2014 | Conservation t | Agricultural pc | China; Guangdong; Liux | English |
| Developmen | 2017 | Water quality | APEX; Climate | United States; Agricultu | English |
| Improved sir | 2016 | Watershed models such as th | Agriculture; Manure; Pe | | English |
| Modeling su | 2018 | Climate chang | Adaptation str | Morocco; Helianthus; T | English |
| An Integrate | 2019 | Abstract: The | Hirmand catch | Iran; Sistan; assessmen | English |
| Wheat mode | 2013 | This report sh | Crop monitori | Morocco; agricultural m | English |
| If agricultura | 1991 | The land tax enjoys a distingu | agricultural p | | |
| Biomass crop | 1991 | Erosion contrc | agricultural po | USA, (Southe | |
| FACTORS AFI | 1993 | Fertilizer is one of the critical | Malawi; Mala | | |
| Economics o | 1994 | With population growth still | Honduras; ag | | |
| Farm-level e | 1995 | The diverse distribution of farm categories | | | |
| Targeting ag | 1996 | Policy-based solutions to diff | UK; agricultu | | |
| Modelling th | 1996 | This paper describes a methc | UK; agricultu | | |
| Budgetary ar | 1997 | The efficiency | Deficiency pay | USA; agricult | |
| Flexible publ | 1997 | This paper tests the proposition that flexib | | | |
| Modelling of | 1997 | A mathematic | Arable land; Cl | Uk, England, | |
| Evaluating sp | 1999 | Erosion model | Rainfall erosiv | Spain; rainfal | |
| Modelling fa | 1999 | The building of expert systen | Europe; agric | | |
| Terrain mapp | 1999 | Green Revolut | Multiple data | India; green r | |
| Land use, ag | 2001 | European unic | Crop simulatic | Italy; agricult | |
| Modelling fa | 2001 | The probability and rate of fa | Scotland; Uni | | |
| An assessme | 2002 | The impact of | Climate chang | Poaceae | |
| A dynamic m | 2004 | This paper pre | Bio-technical and socio-eco | | |
| Identificatior | 2004 | The Common | AHP; Castilla y León; Comm | | |
| Application c | 2005 | In response to | APEX; GIS; Mo | Agriculture; F | |
| Modelling cc | 2005 | Literature sho | Conversion; Er | Eurasia; Euro | |
| Cost-effectiv | 2005 | This article foc | Cost effectiver | agricultural la | |
| The sustaina | 2005 | The paper rep | Common Agric | Economic an | |
| Environment | 2006 | Sustainable lar | Crop growth n | Africa; Centra | |
| Multi-criteria | 2006 | This paper pre | CAP; Irrigated | Duero Basin; | |
| Importance c | 2006 | Agricultural policy framework | Agriculture; E | | |
| Live fences a | 2006 | Live fences are | Agroecosyster | Central Amer | |
| Spatial patte | 2006 | Rainfed perma | Rainfed tree c | Agriculture; E | |
| Application c | 2007 | Environmenta | APEX; GIS; Mo | Bosque River | |
| Farm-based | 2007 | A mathematic | Common agric | Beta vulgaris | |

| | | | | |
|---|---|---|---|---|
| Modelling th | 2007 | The latest refc | Agri-environm | Eurasia; Euro |
| A spreadshe | 2007 | Changes in live | Decision-maki | Animalia; nitr |
| Geometric a | 2008 | This study has, as its main air | | Andalucia; Eu |
| Sustainable u | 2008 | Pesticide cont | Decision suppo | Agriculture; A |
| Spatial and t | 2008 | This paper exa | Erosion model | Basilicata; Eu |
| A site-relate | 2008 | The use of ren | Biomass; Com | Biomass; Cor |
| Use of CEEO | 2008 | Field-scale anc | Apex; FEM; GI | Finite elemer |
| Simulating m | 2008 | The productio | Aphids; Blume | Benelux; Eura |
| Evaluating cu | 2008 | Data from on- | GLM; Logistic | Asia; Eurasia; |
| Managemen | 2008 | Improvement | Farmer behavi | Eurasia; Euro |
| Assessing ec | 2008 | Regulations on genetically m | | Central Europ |
| Adaptation f | 2009 | The Cameroor | Agriculture; Ca | Africa; Camer |
| Enterprise bu | 2009 | New requirements of society and demands | | |
| Adaptation a | 2009 | The Cameroor | Agriculture; Ca | Africa; Camer |
| Modeling N2 | 2009 | We modeled t | Corn Belt; N tr | Corn Belt; Illi |
| Modelling th | 2009 | The EU Water | Agricultural pc | Benelux; Eura |
| The effects c | 2009 | The decouplin | CAP reform; Italy; Marginale | |
| Analysis of b | 2009 | The use of bio | Biogas; Compr | Biogas; Comp |
| The decoupli | 2010 | Recent reform | Agricultural pc | agricultural p |
| Uncertain wa | 2010 | Analysis of the | Climate chang | agricultural e |
| Study on mu | 2010 | Agricultural N | APEX model; C | Computation |
| Modeling wh | 2010 | In most parts | Irrigation; SUF | Iran; Triticum |
| Spatial mode | 2010 | The only const | Agriculture; Ecosystem serv | |
| The impact c | 2010 | The paper ass | Agent-based n | Alps; Bavaria |
| The agricultu | 2010 | The main purp | Common agricultural policy | |
| Modelling th | 2011 | As a key comp | Agent-based n | Agriculture; E |
| Soil Landscap | 2011 | The Soil Landscapes of Canac | | Canada; Clim |
| Regional imp | 2011 | The direct pay | Farm modelin | Denmark; En |
| High-yield irr | 2011 | Quantifying th | Exploitable yie | United States |
| Managing co | 2011 | Modern farmi | Business profi | Australia; agr |
| Is native timl | 2011 | Integration of | Agricultural pc | Philippines; P |
| Simulation o | 2011 | European mou | CAP decouplin | BosBosBos |
| Assessing the | 2012 | Imperfect kno | Climate chang | Zimbabwe; Z |
| Combining tl | 2012 | Water resourc | AquaCrop; Crc | Spain; crop yi |
| Developmen | 2012 | The adoption | Agent-based n | Decision supp |
| Trade-offs be | 2013 | Risk managem | Catastrophic assistance; Cor | |
| What would | 2013 | This article inv | Agricultural pc | France; Pyrer |
| Evaluation o | 2013 | Various agricu | Agricultural pc | Uzbekistan; G |
| Simulation m | 2013 | Profitable bee | Beef productic | Animalia; Bos |
| Evaluating th | 2013 | This contributi | Agricultural policy reforms; | |
| How Effectiv | 2013 | The two main policy approac | | Ireland; agric |
| Model Basec | 2013 | The main goal | Agro-environn | Germany; No |
| Modelling ar | 2013 | The Common | Common Agric | Europe; Clust |
| Agroeconom | 2013 | This paper pre | Best managem | California; Sa |
| Assessment | 2014 | Future potentials of the sequestration of s | | |
| Agro-ecology | 2014 | Background: T | Agriculture; Cr | Adolescent; A |
| The 2013 cor | 2014 | Following a tra | Austria; CAP Reform; Direct | |
| Copula-base | 2014 | The federal cr | Copula model | United States |
| Modelling fa | 2014 | Understanding | Agri-environm | Portugal; Ovi |
| Implications | 2014 | Improvement | Intensification | New Zealand |

| | | | | |
|---|---|---|---|---|
| Use of Fuzzy | 2014 | Fuzzy rainfall-r | Agroforestry b | Missouri; Uni |
| Impacts of la | 2014 | Land and wate | Fire severity; F | South Africa; |
| Calibration o | 2014 | Nitrogen (N) lo | DNDC model; | China; Triticu |
| Cooperative | 2015 | This study argu | Cooperative g | Uzbekistan; C |
| Small effects | 2015 | Grazing sheep | crop grazing; c | Australia; We |
| Multi-stage l | 2015 | The new Euro | Common Agric | alternative ag |
| Engineering | 2015 | The sustainabl | Competition n | Animals; Com |
| Improving th | 2015 | Wheat is the n | GDD; MODIS; | China; Ukrain |
| Heterogenec | 2015 | In this paper, v | Crop farm; Lat | Hungary; agri |
| An ex-ante in | 2015 | The paper aim | Agri-Environment Schemes | |
| Redistributic | 2016 | Grasslands are | an important | Germany; Sw |
| Quantifying t | 2016 | The idea of ofl | Coupled erosi | Agriculture; C |
| Hybridizing l | 2016 | For quantitativ | Farming syste | agricultural la |
| Modeling the | 2016 | The main goal | Analytic hierar | Pakistan; Pur |
| Potential effe | 2016 | We extend the | Double-hurdle | Switzerland; |
| Atrazine Trar | 2016 | Agrichemical r | Conservation I | Puerto Rico; |
| Bayesian Est | 2016 | The Agricultur | Bayesian mod | United States |
| The potentia | 2016 | Trees are very | Agroforestry; | Ammonia; Ar |
| The effect of | 2016 | We investigate | Agricultural pc | Netherlands; |
| Modelling sh | 2017 | Context: In Eu | Complex adap | Europe; adap |
| The Whole fa | 2017 | A Conservatio | Budget modelling; | Conserva |
| A Meta-Anal | 2017 | There is an inc | Agricultural pc | Europe; Nort |
| Extreme met | 2017 | Extreme mete | danger degree | of hazard-inc |
| Resource bas | 2017 | Based on reso | Enterprise eco | China; North |
| A generic pe | 2017 | The sustainabi | Crop modeling | Fungi; Glycin |
| Simultaneou | 2018 | Reliable estim | Automatic cali | Cost effective |
| Soil erosion r | 2018 | Accelerated sc | Agricultural | policy/environn |
| Decision sup | 2018 | Recommendat | Resource use | Sub-Saharan |
| The econom | 2018 | The economic | Breeding-ewe | New Zealand |
| Changing ma | 2018 | The Huang-Hu | Coupling mod | Agriculture; C |
| Evaluating ev | 2018 | Evapotranspir | Calibration; ET | Bushland; Tex |
| APEXSENSUN | 2018 | The Agricultur | evapotranspir | Bushland; Tex |
| A Parallel Co | 2019 | Global sensitiv | big data; globa | Ogallala Aqui |
| Cropping sys | 2019 | Diversified agr | Financial assis | Ecuador; crop |
| Copula statis | 2019 | Development | C-vine copulas | Australia; Trit |
| Comparison | 2019 | Accurate estin | calibration; ET | Bushland; Og |
| Eco-system s | 2019 | Valuation of n | Nature as pub | agrarian char |
| Brexit and eu | 2019 | This paper exa | Brexit; Common | agricultura |
| Scaling-up cc | 2019 | The conservat | Drip irrigation | Amhara; Ethi |
| Social capita | 2019 | The major con | Adoption; Con | Nigeria; agric |
| EU-Wide Imp | 2020 | This paper ana | CAP reform; Common | Agric |
| Agrarian ent | 2020 | Food sustainal | CAP; Graph; M | Agriculture; C |
| Identificatior | 2020 | A large numbe | Bibliometric a | Agricultural r |
| Under what | 2020 | Despite staten | Agroforestry; I | North Carolir |
| How does in | 2020 | This study pre | GM technolog | China; agricu |
| Estimation o | 2020 | Standardizatio | Corn production; | Farmer; H |
| Irrigation per | 2020 | The sustainabi | Field design; G | Sudan; Efficie |
| 'Fruchtfolge' | 2021 | Deciding on w | Big data; Decis | Germany; Ag |
| Small-scale b | 2021 | Several small-s | Biochar; Energ | Agricultural r |
| Comparison | 2021 | The Agricultur | APEX paramet | United States |

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|---|---|---|---|---|
| Developing a | 2021 | This paper pro | business proce | Africa; agricu |
| Probabilistic | 2021 | The well-being of the state di | | Agricultural p |
| Realization o | 2021 | In order to stu | Information te | Agricultural n |
| Explaining fa | 2021 | CONTEXT: Effc | Choice modell | agricultural la |
| Policies for r | 2021 | This paper pro | COVID-19; Cris | Lithuania; agı |
| Increasing th | 2022 | Understanding | Agriculture; Be | Europe; adop |
| Exploring Op | 2022 | Reaching the l | green deal; interdisciplinarit | |
| Cabruca agrc | 2022 | In southern Ba | Climate chang | Atlantic Fores |
| Farm-planni | 2022 | CONTEXT: Eve | Decision analy | agricultural p |
| Traditional c | 2023 | The growth of | Climate chang | agroindustry; |
| STATE SUPPC | 2023 | Purpose. The p | agrarian policy; agriculture; | |
| Spatial mode | 2023 | Indonesia is ar | agriculture; food carrying ca | |
| Side effects c | 2023 | In Europe, the | Agent-based n | Portugal; Aut |
| Is irrigation v | 2023 | The increase o | Groundwater; | Portugal; Agr |
| Assessing the | 2023 | Factors such a | Agroecosyster | Biodiversity; |
| Opportunitie | 2023 | In fields of unc | Cereal system | Andalucia; Cc |
| Evaluation o | 2023 | At present, Ch | family farm; fi | China; Agricu |
| Policy implic | 2023 | Soil erosion is a serious threa | | Agriculture; E |
| Economic an | 2023 | The problem c | Economic perf | Poland [Centı |
| Plant diversit | 2023 | Plant producti | Cichorium intybus; DI mode | |
| Assessing lor | 2023 | Cover crops ha | cover crop; ec | Agriculture; C |
| Machine Lea | 2023 | Important decisions in local a | | Amino acids; |
| Understandi | 2023 | Introduction: A | artificial neural network; ne | |
| Citizen suppc | 2023 | Citizens are in | Agri-environm | agricultural la |
| Farm technic | 2023 | We investigate | agricultural su | Ireland; Comı |
| Getting paste | 2024 | Beef productic | Agricultural pc | animal produ |
| Potential imp | 2024 | This paper ana | agricultural risk managemer | |
| An Assessme | 2024 | The content o | DEX methodology; food sec | |
| Irrigation wa | 2016 | Despite numer | business simul | Germany; Ag |
| Sharing a rive | 2018 | This paper pre | Guadalquivir r | Andalucia; Gu |
| Impacts of fa | 2017 | High Nature V | Farmers' style | Scotland; Uni |
| Analysis of ir | 2016 | Beijing suffers | Agricultural se | Beijing [China |
| Reliability-in | 2020 | In agricultural | Agricultural ec | Agricultural r |
| How do indiv | 2014 | Summary: Ma | Agro-ecology; | agricultural w |
| How agro-en | 2022 | Relatively a fe | insular areas; I | Guadeloupe; |
| Climate char | 2022 | The problem c | Analytical neu | Climate Chan |
| Remote sens | 2015 | Delineating ac | nutrient mana | algae; Cyanol |
| An optimizat | 2018 | The problem c | Basic water rig | Cauvery Basir |
| Remote Sens | 2021 | Human interve | Anthropogenic | Iran; Agricult |
| Increasing th | 2015 | A lot of attent | Agri-environm | Firenze [Tusc |
| Simulating C | 2018 | Crop-water pr | Climate variab | Zea mays; ag |
| Implementat | 2021 | The present st | Adaptive mana | Great Lakes [ |
| Maize lethal | 2018 | Maize lethal n | Crop rotation; | Ethiopia; Ken |
| Including Far | 2018 | Understanding | behavior; India | India; Uttar P |
| Quantitative | 2021 | The process of | Evaluation and | planning; Inc |
| An inexact tv | 2010 | In this study, a | Agricultural wa | China; Zhang |
| Using GIS-ba | 2005 | This paper has | Agricultural co | algorithm; ec |
| Temporal an | 2002 | We estimate a | Agricultural hc | Mexico; defo |
| Pesticide tax | 2001 | Many countrie | Economic insti | United Kingd |
| Applying a G | 2007 | Agricultural la | Agricultural la | Asia; Beijing [ |

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|---|---|---|---|---|
| The Nutrient | 1996 | The Nutrient F | Environmenta | Netherlands; |
| Crop modelli | 1998 | For the last tw | Agricultural er | crop; horticul |
| Modeling dif | 2007 | Quality standa | Food quality s | Central Europ |
| A robust mo | 2011 | In regional wa | Policy analysis | Decision mak |
| Research on | 2009 | According to b | Drought perio | Bioinformatic |
| Agriculture a | 2012 | The purpose o | Agriculture; | Biomass gasifica |
| Policy interv | 2007 | The potential | Bioeconomic r | Australasia; A |
| A FARM GRC | 1987 | The development of a simula | | New Zealand |
| An ecologica | 1999 | Operational m | Ecological-eco | agri-environn |
| A system dyr | 2013 | The Manas Riv | arid river basin; | sustainable |
| Economic im | 2013 | A crop farming | Agricultural policy; | Agricultural produc English |
| Developing a | 2021 | Agribusiness is | Agricultural pc | India; agricultural devel English |
| Changes bro | 2008 | This paper ana | Common Agric | Eurasia; Europe; Southe English |
| Modeling dis | 1994 | Evaluation of U.S. agricultural policy reforn | | |
| Knowledge-b | 1997 | In this paper, v | Agricultural de | Computer so |
| Averaged for | 1998 | This paper tries to estimate t | | Cote d'Ivoire; |
| Emerging po | 1999 | In the first part of this paper, | | European Un |
| Impact of Slc | 2002 | The paper is presenting preli | | Slovakia; agri |
| The multifun | 2002 | Landscapes ar | ANIMO; Evalu | Germany; agr |
| The adoption | 2004 | The objective | Agrarian sector; | Common A |
| Impact of the | 2004 | At the end of June 2003, a fundamental re | | |
| The new CAF | 2004 | Within the fra | CAP reform; D | Ovis aries |
| Some remarl | 2007 | In the context | Agriculture; Cc | Competition; |
| European ag | 2007 | European agriculture remain | | Eurasia; Euro |
| A competitiv | 2007 | The 2003 Com | Alentejo (region of | Portugal |
| Effects of the | 2008 | The case of Ar | Agricultural policy; | Irrigated |
| Evaluation by | 2009 | The Concert'E | Agricultural pc | Agricultural r |
| Common Agr | 2009 | The European | Galileo; GNNS; | Environment |
| Sustainability | 2009 | Undoubtedly, food and nutri | | Animalia |
| Effect of agri | 2009 | Policymakers a | Adjusted Gini coefficient; Fa | |
| Effects of the | 2009 | This paper ana | Agricultural pc | Gossypium hi |
| Impact of Eu | 2009 | In this paper, t | CAP; Cotton; C | Gossypium hi |
| Alternative a | 2009 | This paper des | Agricultural pc | Agriculture; C |
| Livestock sul | 2009 | Marginal and u | Common agric | Crete; Greece |
| Analysis of ra | 2010 | The Common | Agriculture; Cl | Classification |
| Soil carbon c | 2010 | Soil is the larg | Agro-ecosyste | Australia; Cul |
| Methodolog | 2011 | Agriculture is a | Conero region | Ancona; Cone |
| Urban growt | 2011 | This paper exp | Farming; GIS; I | Mascarene Is |
| Application c | 2011 | Since the begi | Agricultural pr | Animalia |
| Towards aut | 2011 | Production sta | Decision suppo | Europe; Agric |
| The reform c | 2011 | The reform of | Castilla y León | Castilla y Leo |
| The building | 2012 | This study high | Government t | Suidae |
| Climate char | 2012 | To prepare agr | Adaptation; Ag | Australia; Ani |
| Modelling th | 2012 | Agri-environm | Agri-environm | Emilia; agri-e |
| Potential for | 2012 | Official US Dep | Crop growth n | Crops; Data p |
| Production s | 2012 | Milk quotas, introduced in France in 1984, | | |
| A competitiv | 2012 | The main purp | Common agricultural policy, | |
| The harmoni | 2013 | The EU Comm | Common Agric | Agriculture; I |
| Reversion fro | 2013 | Over the past | conversion; dr | Europe; agric |
| The commor | 2013 | Structural cha | CAP effects; Fa | agricultural p |

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|---|---|---|---|---|
| Decision in a | 2013 | In recent year: | Agroecosystems; Design of : | |
| Did crop insu | 2013 | Modeling crop | yield, revenue | India; agricul |
| Reconciling f | 2014 | Cropping syste | Cropland Data | Colorado Cou |
| A socioecolo | 2015 | Extensive lives | Agricultural politicy; Cattle; | |
| Temporal-sp | 2016 | Increasing am | Agricultural de | Agriculture; E |
| Designing cr | 2017 | Integrated cro | Agroecology; I | Europe; agric |
| Impact of irr | 2017 | This paper foc | Economic instrument; Irriga | |
| Factors influ | 2017 | Land use/land | China; Compe | China; China; |
| Natural ecos | 2017 | While the aim | Agroforestry p | Africa, North |
| Closing nutri | 2018 | Decentralized | Anaerobic dig | Suidae; Anae |
| Alley croppir | 2018 | Alley cropping | Agroforestry; Alley cropping | |
| A Spatially E | 2018 | High Nature V | Agri-Environm | Aves; agri-en |
| Agent based | 2019 | Land change s | Agent based n | China; Hengd |
| System dyna | 2019 | The implemen | Agricultural financial subsid | |
| Reforming A | 2020 | Agriculture is a major source | | Europe; agric |
| Using the Me | 2020 | The countries | carbon seques | Slovakia; che |
| Improving fa | 2020 | Across Sub-Sal | adoption; Con | Kenya; Laikip |
| Adoption of | 2020 | Agriculture is | Agri-environm | Agricultural r |
| Directions ar | 2020 | The article deals with issues r | | Agricultural r |
| Research pro | 2020 | Agricultural in | Algorithm dev | Triticum aest |
| Modeling co | 2021 | Business orga | Agricultural Pc | Agricultural r |
| Farm income | 2021 | Viable farm ho | agricultural in | Europe; agric |
| Games as bo | 2021 | Attempts to st | boundary obje | Burkina Faso; |
| Socio-ecolog | 2021 | The ordinary s | Geohistory; Gi | France; Loire |
| Common Agı | 2021 | At a time whe | Agri-food syst | Castilla y Leo |
| Ecosystem S | 2022 | Agricultural la | Conservative agriculture; Ec | |
| Identifying b | 2022 | Apple is one o | Apple product | Agriculture; C |
| Optimal regu | 2022 | In China, the n | Multi-scale int | China; Heilon |
| A two-dimer | 2022 | Farm resilience attains central importance | | |
| Review on th | 2022 | The serious pr | Agricultural Pc | China; acade |
| Integrated fr | 2022 | Context: In rec | Bibliometrics; | Europe; Com |
| Agro-biodive | 2022 | This edited bo | Agri-ecosystem | Manageme |
| Product Segr | 2023 | The state polic | agri-food markets; food sec | |
| Implementin | 2023 | The latest reform of the EU C | | Netherlands; |
| Modeling he | 2023 | Agricultural pr | agricultural po | China; agricu |
| Review of En | 2023 | In this study, v | Air pollutant; CAPSS; Emissi | |
| Extending sh | 2023 | While pesticid | Agriculture an | Agriculture; E |
| Livability per | 2023 | Livability evalu | agricultural an | China; Qingh |
| Regional trar | 2023 | Structural changes in rural areas are a subj | | |
| Effects of No | 2023 | Japan's agricul | Ad Valorem Equivalent Rate | |
| Combining m | 2024 | In agriculture, | agricultural landscapes; geo | |
| Crop yield pr | 2024 | Crop yield and | Climate change; Crop yield; | |
| Evaluation th | 2021 | The evaluatior | AHP–entropy | China; Guang |
| Quality of life | 2014 | Contemporary | actor-network theory; polic | |
| Climate char | 2015 | This chapter p | Agriculture; Climate change | |
| Analysis of te | 2020 | Introduction: t | Agricultural production chai | |
| Research pro | 2022 | Agricultural nc | behavioral reg | agricultural p |
| Investigating | 2016 | Biofuel policie | Biofuel; Innov | Cost effective |
| Network-bas | 2018 | The endemic c | Animal trade; | Animals; Bruc |
| Tradeoffs be | 2005 | The welfare ar | Economic integration; Incor | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Effects of ag | 2009 | Scientific assessments of agri | Agriculture; A | | | | | |
| Environment | 2012 | Using a systems analysis approach and ext | | | | | | |
| Integrating v | 2010 | This paper exa | Adaptive envir | Agriculture; C | | | | |
| Methodolog | 1999 | In this paper, a | Advice on affo | Europe; admi | Ackermar | English | 1 | 10.101( https:/ |
| The Econom | 2012 | This work debates and investigates the cro | | | | English | 7 | https:/ |
| Two-stage st | 2017 | In the agricult | Agricultural cu | China; Gansu; Linze; Ag | | English | | |
| Modelling cr | 2013 | In this researc | Cropland; Eva | India; Ecosyst | | | | |
| Modelling th | 2019 | In the Sahel re | Rainfall variab | Burkina Faso; | | | | |
| Investigating | 2020 | Meeting the h | Iran; System dynamics; Ven | | | | | |
| Regional clin | 2013 | The potential | biofuels; regio | Great Plains; | Alfieri J.G. | English | 13 | 10.100; https:/ |
| A GIS-based | 2021 | CONTEXT: In a | Crop yield; Cro | Alabama; Ge | Archonto | English | 9 | 10.101( https:/ |
| Impacts of d | 2020 | Owing to cont | Aquacrop; Eas | Gezira; Sub-S | Adhikari U | English | 44 | 10.101( https:/ |
| Spatio-temp | 2021 | Although aspe | Bioenergy poli | Malaysia; Ela | Cristobal . | English | 6 | 10.101( https:/ |
| Modeling the | 2014 | Assessing the | Agricultural la | France; Data | Agreste, ( | English | 43 | 10.101( https:/ |
| A pragmatic | 2010 | This paper pre | Agricultural pc | Germany; Sa | Methode | English | 47 | 10.101( https:/ |
| Integrated as | 2014 | Agricultural la | Crop systems; | China; Hebei; | Britz W., \ | English | 22 | 10.101( https:/ |
| Positive mat | 2021 | A method for | Alluvial aquifer; | Aquifer dep | Yasarer L. | English | 0 | 10.339( https:/ |
| Combining p | 2013 | We argue that | Agricultural pc | Switzerland; | Abildtrup | English | 23 | 10.575: https:/ |
| MAGPIE: A n | 2000 | A national agri | Databases; Ge | agricultural p | Addiscott | English | 83 | 10.111: https:/ |
| Gis-Based M | 2007 | The chapter pi | fuzzy expert system; Land-u | | Bach M., I | English | 3 | 10.100; https:/ |
| Evaluating ag | 1990 | A recursive, multi-region, mu | Africa, (sub-S | | Ancey, Fa | English | 4 | 10.101( https:/ |
| Sensitivity ar | 1985 | The paper pre | agriculture; bl | AGRICULTUR | Albegov, I | English | 3 | 10.101( https:/ |
| How does gr | 2016 | Two of the mc | CAP reform; Fa | Italy; Triticum | Anania G. | English | 28 | 10.101( https:/ |
| Water mana | 2022 | Predicting the | Inexact progra | China; Calibra | Ali M.K., k | English | 4 | 10.101( https:/ |
| Phasing out | 2007 | Subsidies linke | Agricultural se | Austria; Cent | Baldock D | English | 45 | 10.101( https:/ |
| Multiple Poli | 2017 | China's crop p | Agricultural pr | Aksu; China; ' | Aishan T., | English | 21 | 10.101( https:/ |
| Assessing im | 2010 | This paper dis | Agricultural pc | Decision Mak | Bach M., I | English | 24 | 10.101( https:/ |
| Mathematic | 2021 | A bi-level dece | Aral Sea Basin | Ecology; Elec | Albrecht T | English | 26 | 10.101( https:/ |
| Effects of go | 2023 | The governme | Crop pattern; | Climate chan | Abadi B., / | English | 2 | 10.101( https:/ |
| The econom | 2011 | The decouplin | C6; C61; Common agricultu | | Adenaeur | English | 42 | 10.101( https:/ |
| Simulation o | 2015 | Together, sust | Agricultural pc | Italy; agricult | Ahmadi V | English | 33 | 10.101( https:/ |
| Complying w | 2017 | The main nove | First pillar refc | Italy; arable l | Ahmadi V | English | 34 | 10.101( https:/ |
| Greening an | 2020 | Since the 199( | Common agric | Italy; Agricult | Allen B., H | English | 12 | 10.101( https:/ |
| Exchange Ra | 1993 | Recent literature on the mac | | Peru; agricult | Alvarez E. | English | 0 | 10.108( https:/ |
| Effects of inc | 1987 | Price endogenous sector mo | | Turkey; Aves; | | English | 1 | 10.109: https:/ |
| CAP MTR ve | 2006 | On June 2003 | Agri-environm | agricultural n | Alonso J.C | English | 14 | 10.111: https:/ |
| Assessing the | 2011 | In this paper, t | Agricultural sector; Alentejo | | Arfini F., I | English | 1 | 10.150- https:/ |
| The impacts | 2019 | As with other | Agricultural pc | Crops; Econo | Madani K. | English | 9 | 10.339( https:/ |
| The impact c | 2017 | The institutior | Agricultural pc | Ecuador; Sac | Lewandov | English | 11 | 10.339( https:/ |
| Developmen | 2011 | In recent years, | European agriculture has b | | Arfini F., I | English | 0 | 10.401: https:/ |
| Do support p | 2011 | The CAP Healt | Castilla y león; Common agr | | Acs S., Ha | English | 1 | https:/ |
| The impact c | 2014 | Since, various | Environmental indicators; Fa | | Allanson I | English | 0 | https:/ |
| A PMP mode | 2014 | The recent ref | Cap reform; Farmer behavic | | Arfini F., I | English | 27 | https:/ |
| Farm to Fork | 2022 | This study eva | Chemical inpu | Agriculture; F | Alexande | English | 11 | 10.101( https:/ |
| Calibrating d | 2012 | This paper des | Agricultural pr | California; Ur | Beattie B. | English | 102 | 10.101( https:/ |
| Co-effects of | 2006 | The agricultur | Adaptation; Ag | Eurasia; Euro | Adams R.I | English | 3 | 10.101( https:/ |
| Combining d | 2007 | In this study, t | Agricultural pc | Agriculture; E | Armingto | English | 20 | 10.101( https:/ |
| Alternative a | 2005 | In this article, | Agri-environm | Eurasia; Euro | Armingto | English | 18 | 10.130( https:/ |
| On diversity | 2004 | The European | Agricultural pc | Animalia; Ave | Ala-Manti | English | 10 | 10.213; https:/ |
| Effects of rec | 2018 | The budget fo | Agricultural economics; Agri | | Balkhause | English | 17 | 10.239: https:/ |

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|---|---|---|---|---|---|---|---|---|---|
| Impacts of re | 2013 | This paper sun | Agricultural ec | Animalia; Bo | Armingto | English | 12 | 10.239 | https:/ |
| Managing th | 2016 | Public policies | Agricultural se | United State | FASOMGH | English | 14 | 10.100 | https:/ |
| Mitigating gr | 2010 | The forest sec | Avoided defor | Agriculture; A | Adams D. | English | 69 | 10.101 | https:/ |
| The forest ar | 1996 | The Forest and | Agricultural S | carbon sequestration; F | | English | 24 | | https:/ |
| Global Chan | 2011 | Global and Cli | Climate Change | Effect; Crop | Bundesan | English | 1 | 10.100 | https:/ |
| Nitrogen Tax | 2020 | The ambitious | Agriculture; Er | Germany; Ag | Albiac J., I | English | 5 | 10.100 | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101 | https:/ |
| Model basec | 2005 | In this paper a | Agri-environm | Central Euro | Rhein Bes | English | 46 | 10.101 | https:/ |
| Modelling pe | 2010 | A newly devel | Aquatic biocer | Central Euro | Anbumoz | English | 18 | 10.101 | https:/ |
| Impact of nit | 2004 | Among the nu | Agriculture; Di | Central Euro | Bach M., I | English | 5 | 10.216 | https:/ |
| Thünen Base | 2016 | This article pre | Agricultural policy; Germany | | Armingto | English | 4 | 10.322 | https:/ |
| Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Obj | English | 1 | 10.322 | https:/ |
| Water fluxes | 2007 | An integrated | Agro-environn | Agriculture; E | Behrendt | English | 15 | 10.216 | https:/ |
| Are public pa | 2011 | Purpose: The a | Decision-supp | Animalia; air | Andersen | English | 10 | 10.100 | https:/ |
| Seasonal alp | 2013 | Seasonal alpin | Agricultural pc | Animalia; agr | Batzing W | English | 26 | 10.101 | https:/ |
| What impact | 2012 | Politically ther | Direct payments; | Economic | Barth L., L | English | 5 | | https:/ |
| Identifying k | 2024 | Transformation | of the previous | centrally g | (2014); Ar | English | 0 | 10.100 | https:/ |
| Intersectoral | 1991 | The objectives | of this paper a | Asia; agricult | Adelman | English | 0 | 10.100 | https:/ |
| Implications | 2023 | Agricultural se | Agricultural se | Iran; agricult | Ahmadi F. | English | 1 | 10.100 | https:/ |
| Capturing th | 2014 | The importanc | Agricultural policy; | Computa | Alexeeva- | English | 8 | 10.100 | https:/ |
| Indian agricu | 1987 | A ten-sector, | sequential | applied | general ec | Ahluwalia | English | 7 | 10.101 |
| The macroec | 1994 | A dynamic nine-sector | | compu | India; agricul | Bhattacha | English | 10 | 10.101 |
| Evaluation o | 1994 | The purpose of | this study is t | Malaysia; agr | Abdul Azi | English | 8 | 10.101 | https:/ |
| Assessing the | 1994 | This study exa | agricultural po | USA; agricult | Ballard, F | English | 2 | 10.101 | https:/ |
| Measuring a | 1992 | This paper uses | an aggregate | USA; aggrega | Adelman, | English | 4 | 10.101 | https:/ |
| Applied gene | 2003 | This paper pre | Agricultural policy; | Forest pı | Arunondc | English | 2 | 10.101 | https:/ |
| Feedback lin | 2005 | This paper foc | Computable | general equilib | Berck P., I | English | 28 | 10.101 | https:/ |
| Agricultural | 2006 | The purpose o | Agricultural policy; | Madaga | Ahmed R. | English | 8 | 10.101 | https:/ |
| The econom | 2023 | Semi-subsiste | Economic responses; | Econo | Anderson | English | 0 | 10.101 | https:/ |
| Characteristi | 2021 | The Zambian e | CGE model; Sc | Zambia; agric | Acemoglu | English | 2 | 10.101 | https:/ |
| Reform of th | 1998 | This paper stu | Agricultural ar | Europe; agric | Agra Euro | English | 20 | 10.101 | https:/ |
| Domestic co | 1997 | In light of the | Agricultural policy; | Indian de | Adelman | English | 24 | 10.101 | https:/ |
| Agriculture u | 1997 | Under the imp | Agricultural pc | India; agricul | Bhagwati | English | 12 | 10.101 | https:/ |
| Tariff protec | 2006 | The study | proposes a way fo | Eurasia; Euro | Anderson | English | 2 | 10.108 | https:/ |
| A social acco | 1997 | In this paper | the format of a | Social Accoun | Armingto | English | 3 | 10.108 | https:/ |
| The unfinish | 1997 | Employing a d | Agricultural pc | India; agricul | Barker R., | English | 7 | 10.108 | https:/ |
| Modelling th | 2006 | We investigate | Common agricultural | policy, | Adenauer | English | 34 | 10.109 | https:/ |
| The Impact c | 2015 | We extend the | Computable g | Germany; Co | Synthesis | English | 16 | 10.111 | https:/ |
| Fertilizer sub | 2014 | Indonesia is a | Fertilizer subsi | Indonesia; ag | Abimanyu | English | 19 | 10.111 | https:/ |
| Sectoral and | 2015 | We aim to ass | Agricultural pc | Colombia; ag | Arango C. | English | 6 | 10.111 | https:/ |
| Evaluating th | 2006 | We revisit the | question of | choosing | partial | Armingto | English | 16 | 10.111 |
| China's agric | 2010 | This article rev | Agricultural ta | China; agricu | Anderson | English | 82 | 10.111 | https:/ |
| The impacts | 2009 | The paper pre | Agriculture; | Models; | Region | Balamou | English | 7 | 10.172 |
| Effects of the | 2011 | The contributi | Common agricultural | policy | Bednarikc | English | 3 | 10.172 | https:/ |
| The effect of | 2008 | This study qua | Common agric | Bos; Ovis arie | Allanson F | English | 12 | 10.213 | https:/ |
| The effects c | 2021 | This study aim | Agricultural sector; | Climatic | Arndt C., I | English | 1 | 10.215 | https:/ |
| Asset manag | 2011 | Agricultural pr | Asset manage | Japan; agricu | Ban K., M | English | 0 | 10.249 | https:/ |
| Review of hy | 2016 | Efficient use of | water resour | Water manag | Ahrends H | English | 8 | 10.533 | https:/ |
| Research an | 2011 | In the event th | Agricultural pc | Agriculture; D | Liu X., An | English | 0 | | https:/ |
| Impact of the | 2012 | In this paper, t | Agriculture; Bu | Czech Repub | Bednarikc | English | 5 | | https:/ |

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|---|---|---|---|---|---|---|---|---|---|
| Moroccan ag | 2018 | This paper pro | Adaptation; Agricultural pol | Projet d'Ir | English | 9 | | https:/ |
| An applied c | 1995 | In this paper an applied com | Ireland; agricultural pol | | English | 0 | | https:/ |
| Agrichemical | 1991 | When farm chemical use is re | agricultural p | | English | 5 | | https:/ |
| Implications | 2022 | In light of Russ | biofuels; CAPRI; CGE; DART; | Aguiar A., | English | 4 | 10.304 | https:/ |
| Nitrogen Tax | 2020 | The ambitious | Agriculture; Er | Germany; Ag | Albiac J., I | English | 5 | 10.100 | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101 | https:/ |
| The impact c | 2006 | The impact of | Global Econon | Eurasia; Euro | Abler D., A | English | 286 | 10.101 | https:/ |
| Impacts of E | 2011 | As policy make | Biofuels; Indu | agricultural p | Banse M., | English | 80 | 10.101 | https:/ |
| Multi-scale s | 2011 | The European | Livestock char | Europe; Bos; | Alcamo J., | English | 23 | 10.101 | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101 | https:/ |
| The econom | 2001 | This paper rep | CAP; CGE; GTA | Europe; Com | Atkin M., | English | 13 | 10.101 | https:/ |
| Anticipating | 2017 | The goal of thi | Agricultural policy; Delphi m | Armingto | English | 6 | 10.108 | https:/ |
| Livestock in a | 2015 | Livestock farm | adaptation co | North Americ | Alkemade | English | 86 | 10.108 | https:/ |
| The impacts | 2024 | Purpose: This | Agricultural support policies | Baldos U.L | English | 0 | 10.110 | https:/ |
| Implications | 2022 | In light of Russ | biofuels; CAPRI; CGE; DART; | Aguiar A., | English | 4 | 10.304 | https:/ |
| Analyzing res | 2015 | This article dis | Agriculture; Economic mode | Banta E.R | English | 3 | | https:/ |
| Infrastructur | 2018 | Many governn | CGE modelling; Infrastructu | Aguiar A., | English | 0 | | https:/ |
| Environment | 2019 | Increasing foo | Biodiversity cc | Europe; agri- | Banse M., | English | 18 | 10.101 | https:/ |
| Thünen Base | 2016 | This article pre | Agricultural policy; Germany | Armingto | English | 4 | 10.322 | https:/ |
| Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Obj | English | 1 | 10.322 | https:/ |
| Modeling lar | 2012 | Evaluation of i | Biofuels; computable gener | Al-Riffai P | English | 60 | 10.114 | https:/ |
| THE RELATIV | 1988 | Australia faces a very serious | Australia; agricultural s | | English | 0 | 10.111 | https:/ |
| Agricultural I | 2022 | We look at the | Agricultural r&d; Computab | Benfica R, | English | 0 | 10.539 | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101 | https:/ |
| Ex ante asses | 2014 | The cultivatior | Agricultural m | Germany; An | Alphonce | English | 9 | 10.101 | https:/ |
| Simulation o | 2023 | The objective | APEX; cattle; e | Flint Hills; Gr | Maczko K | English | 0 | 10.339 | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101 | https:/ |
| Water–food | 2021 | The Water–Fo | CAPRI; Crops; | Agriculture; F | Maja M.M | English | 6 | 10.339 | https:/ |
| Water–food | 2021 | The Water–Fo | CAPRI; Crops; | Agriculture; F | Maja M.M | English | 6 | 10.339 | https:/ |
| Does asymm | 2023 | This paper inv | Agriculture; Bi | Tunisia; agric | Alamdarlo | English | 1 | 10.100 | https:/ |
| The relations | 2023 | Climate chang | Agriculture; AI | Agriculture; A | Agboola M | English | 8 | 10.100 | https:/ |
| On the politi | 2023 | Macroeconom | Agriculture; Corporate encr | Balakrishr | English | 0 | 10.100 | https:/ |
| Agriculture-l | 1993 | This article compares the gro | Madagascar; | AIRD, Ma | English | 13 | 10.101 | https:/ |
| Modeling the | 1991 | A framework for assessing th | USA; agricult | Alam, Bra | English | 1 | 10.101 | https:/ |
| Cotton yield | 2018 | Reliable data-c | Climate data; ( | Faisalabad; N | Ahmad B. | English | 24 | 10.101 | https:/ |
| Challenges a | 2023 | Bioenergy is c | Bioenergy; De | Biofuels; Ene | Adams P.M | English | 4 | 10.101 | https:/ |
| Forecasting a | 2012 | Agriculture is t | Agricultural ou | Agriculture; ( | Agrawal R | English | 74 | 10.101 | https:/ |
| Modeling be | 2010 | This study exa | Beef supply; C | Greece; com | Aadland D | English | 18 | 10.101 | https:/ |
| The physical, | 2014 | Land use chan | Afforestation; | Agriculture; ( | Anselin L., | English | 28 | 10.101 | https:/ |
| Agricultural p | 2011 | This study eva | Common agricultural policy, | Alvarez A. | English | 18 | 10.101 | https:/ |
| Land rents as | 2009 | The paper exp | Agricultural re | Croatia; Eura | Arnalds O | English | 6 | 10.101 | https:/ |
| The incidenc | 2017 | Research has s | Agricultural la | Poland [Cent | Abdulai A | English | 14 | 10.101 | https:/ |
| Dynamic rela | 2021 | The finite supp | Agricultural co | Commerce; C | Akram Q.I | English | 8 | 10.101 | https:/ |
| A stochastic | 2019 | Agriculture is ( | Climate impac | Taiwan; Arac | Adams R.I | English | 4 | 10.101 | https:/ |
| Beef sector r | 2001 | The reforms o | Beef; Farm re- | Ireland; agric | Binfield J., | English | 10.101 | 10.101 | https:/ |
| Econometric | 1994 | This paper presents an econc | UK, Scotland; | The Nutri | English | 0 | 10.108 | https:/ |
| Strategic ma | 2019 | The article addresses the efficient manage | | Hutchisor | English | 2 | 10.108 | https:/ |
| Structural ag | 2011 | This paper dev | agro-environm | England; Unit | Amemiya | English | 56 | 10.109 | https:/ |
| Spatial depe | 2015 | This article an | adoption deci | Ireland; agric | Anselin L., | English | 102 | 10.109 | https:/ |
| Assessing an | 2017 | Uneven regior | Agri-food sect | agricultural d | Barata E., | English | 9 | 10.109 | https:/ |

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|---|---|---|---|---|---|---|---|---|---|
| Export Restri | 2016 | We extend pre | Agricultural pc | Ukraine; Triti | Internet d | English | 10 | 10.111 | https:/ |
| Enhancing fc | 2016 | South Sudan f | Africa; Agricul | Central Equat | Ahmed R. | English | 11 | 10.111 | https:/ |
| Between a c | 2015 | This paper considers various | Canada; Quel | Abbassi A | English | 4 | 10.111 | https:/ |
| Modeling the | 2006 | The size of the | Common agric | agricultural a | Appelbau | English | 86 | 10.111 | https:/ |
| The effects c | 1998 | Intertemporal timber supply | USA; forest m | Adams D. | English | 5 | 10.113 | https:/ |
| He impact of | 2018 | Mexican agric | Agricultural financing; Agric | Anderson | English | 2 | 10.172 | https:/ |
| ECONOMETF | 2023 | Sustainable fo | Acceleration; Agricultural o | Foresight | English | 0 | 10.186 | https:/ |
| A Macro-Eco | 1974 | Agricultural se | Agricultural planning; Input- | Byerlee D | English | 10 | 10.230 | https:/ |
| An analysis c | 1992 | Excessive gove | Dairy model. [ | agricultural p | Chavas J.- | English | 7 | 10.230 | https:/ |
| Common agr | 2019 | The current ar | CAP; Eastern M | Agriculture; F | Petrick M | English | 4 | 10.251 | https:/ |
| Productive e | 2023 | Introduction: I | beef cattle production; Bots | Abel N., M | English | 1 | 10.338 | https:/ |
| Econometric | 2022 | Using the Cobb-Douglas prod | Agricultural t | | English | 0 | 10.399 | https:/ |
| Agricultural | 2021 | This paper inv | agricultural commodity mar | Abokyi E, | English | 0 | 10.539 | https:/ |
| Modelling of | 2014 | The article pre | Baseline projection; Cereals | Chantreui | English | 1 | 10.789 | https:/ |
| Do agricultu | 2020 | This study ana | Agricultural policy; ARDL Bo | Adetiloye | English | 0 | | https:/ |
| Deterministi | 1994 | Economic effects of agricultural policies es | | Bigman, F | English | 4 | 10.101 | https:/ |
| Modelling th | 2008 | The productio | Biofuels draft strategy; Ecor | South Afri | English | 9 | 10.108 | https:/ |
| Integrating a | 2011 | Most partial e | input costs; partial equilibri | Focus Are | English | 0 | 10.108 | https:/ |
| Increasing th | 2018 | Purpose: The | Chinese agricultural sector r | Beach R.H | English | 6 | 10.110 | https:/ |
| Using simula | 2001 | Efforts are underway at Agric | Agriculture; Biomass; C | | English | 9 | 10.110 | https:/ |
| The EU's Age | 2002 | The Agenda 2( | Agricultural pc | Denmark; An | Andersen | English | 19 | 10.101 | https:/ |
| Environment | 2001 | Reform of the | Agricultural pc | Denmark; Ag | Håndbog | English | 6 | 10.102 | https:/ |
| Slovak agricu | 2005 | We build a Slo | Commodity m | Central Euro | Anderson | English | 5 | | https:/ |
| The food and | 1983 | The poultry- and egg-sector s | Chickens Eco | | English | 2 | | https:/ |
| Projections f | 2017 | Milk productic | Dairy farming; Agriculture; ( | Latvijas La | English | 10 | 10.226 | https:/ |
| Projecting va | 2018 | To generate p | Agriculture; M | Greenhouse | CAP at A | English | 5 | 10.226 | https:/ |
| Projecting in | 2019 | To generate p | Agriculture; Fi | Aggregates; A | Qi A., Mu | English | 2 | 10.226 | https:/ |
| Assessment | 2020 | An integrated | biorefinery; fe | Bioconversio | US Depar | English | 20 | 10.100 | https:/ |
| Price project | 2012 | The economic | Agricultural pc | United State | Aliston J.M | English | 36 | 10.101 | https:/ |
| Biomass and | 2000 | The Policy Ana | Agricultural pc | bioenergy; bi | Ray D.E., I | English | 112 | 10.101 | https:/ |
| Assessment | 2018 | The U.S. Depa | Billion-ton stu | Texas; Unitec | De La Tor | English | 1 | 10.130 | https:/ |
| Economic an | 2010 | This study eva | Carbon emissi | United State | AAEA (Am | English | 27 | 10.248 | https:/ |
| Agriculture, I | 2022 | This two-volur | Agricultural production; Food security | | English | 1 | 10.100 | https:/ |
| Multiple obje | 1984 | The technique of factor analysis is applied | | Cohon, M | English | 0 | 10.101 | https:/ |
| Decision in a | 2015 | In recent year | Agroecosystems; Decision m | Akplogan | English | 0 | 10.101 | https:/ |
| Do agri-envi | 2024 | In the Czech R | Arable land; C | Czech Repub | Aertsens J | English | 0 | 10.101 | https:/ |
| Rapid adapti | 2021 | Sustainable us | Agriculture; Ai | ammonia; ag | Adelle C., | English | 3 | 10.101 | https:/ |
| Global socio- | 2022 | This paper ana | Climate policy | climate chan | Acemoglu | English | 18 | 10.101 | https:/ |
| An interval fu | 2015 | In this study, a | Environmenta | China; Jiangs | Aerts J., v | English | 60 | 10.101 | https:/ |
| Adoption de | 2024 | Purpose: Desp | Adoption of tr | Decay (organ | Ahumada | English | 0 | 10.110 | https:/ |
| CAP direct pa | 2017 | Environmenta | CAP; Direct payments syste | A Part of I | English | 14 | 10.131 | https:/ |
| Identifying v | 2024 | Significant progress has been | Agriculture; E | Banglades | English | 0 | 10.137 | https:/ |
| A decision su | 2009 | The Gnangara | DSS; Integrate | Agricultural r | Beddek R. | English | 7 | | https:/ |
| Thünen Base | 2016 | This article pre | Agricultural policy; German | Armingto | English | 4 | 10.322 | https:/ |
| Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Obj | English | 1 | 10.322 | https:/ |
| Does agricult | 2021 | Context: Agric | Agriculture; Ec | Dorset [Engla | Andersen | English | 13 | 10.100 | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101 | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101 | https:/ |
| Meat, Dairy | 2017 | We use a new | Climate chang | Canada; Agri | (2005); Ba | English | 10 | 10.100 | https:/ |
| An incentive | 1995 | This paper is d | Asymmetric in | agricultural p | Baron, M | English | 30 | 10.101 | https:/ |

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|---|---|---|---|---|---|---|---|---|---|---|
| Ecological-ec | 2004 | Currently, the | Ecological-eco | Eurasia; Euro | Antle J.M. | English | 79 | 10.101( | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Increasing in | 2010 | In a WTO batt | Bt cotton; Imp | Mali; United | (2002); Al | English | 16 | 10.101( | https:/ |
| Combining fa | 2007 | Currently, in n | Bio-economic | Asia; Eurasia; | Tools for I | English | 21 | 10.101( | https:/ |
| Implications | 2017 | Agricultural GI | agricultural en | New Zealand | Adler A.A. | English | 2 | 10.108( | https:/ |
| Technology, | 2022 | The complexit | relative performance; simul | | Andrieu N | English | 1 | 10.117 | https:/ |
| Parametric C | 2012 | A web based S | Common Agri | Artificial intel | Bauer S., I | English | 5 | 10.401 | https:/ |
| Thünen Base | 2016 | This article pre | Agricultural policy; Germany | | Armingto | English | 4 | 10.322( | https:/ |
| Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Obj | English | 1 | 10.322( | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101( | https:/ |
| Modelling Fa | 2017 | Agricultural pr | Common Agricultural Policy | | Antle J.M. | English | 9 | 10.100 | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| The estimati | 2010 | As agricultural | Agricultural pc | Central Euro | Abelson P | English | 34 | 10.101( | https:/ |
| An applicatic | 2010 | In agricultural economics, one of the great | | | Adenauer | English | 3 | 10.401 | https:/ |
| Positive mat | 2016 | Positive mathe | Agro-environmental policy a | | Britz W., I | English | 25 | | https:/ |
| Thünen Base | 2016 | This article pre | Agricultural policy; Germany | | Armingto | English | 4 | 10.322( | https:/ |
| Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Obj | English | 1 | 10.322( | https:/ |
| A Modelling | 2011 | The agricultur | Climate chang | Australia; Vic | Statistical | English | 10 | 10.100 | https:/ |
| Ecological ec | 1995 | We are attem | Ecological-eco | USA, Marylar | Alig, Heal | English | 126 | 10.101( | https:/ |
| Balancing th | 2009 | There is an inc | Cropping syste | Asia; China; E | Ahuja L.R. | English | 49 | 10.101( | https:/ |
| Impact of far | 2012 | Most of the hy | Agriculture; GI | Alsace; Franc | Abildtrup | English | 41 | 10.101( | https:/ |
| From stakeh | 2017 | European farm | Bio-economic | Bouches du R | Abildtrup | English | 30 | 10.101( | https:/ |
| Integrated as | 2013 | Sustaining irri | Hydro-econon | Guadiana Bas | Acreman | English | 74 | 10.101( | https:/ |
| An actionabl | 2021 | Despite major | Decision Supp | Agriculture; F | Acreman | English | 14 | 10.101( | https:/ |
| Supporting p | 2021 | Bioeconomic r | Exploratory sc | France; Masc | Acosta-Al | English | 7 | 10.101( | https:/ |
| Analysis of a | 2005 | This paper out | Catchment sca | Agriculture; C | Letcher R. | English | 24 | 10.101( | https:/ |
| A novel mod | 2022 | Increasing foo | Agriculture; Ec | Agriculture; C | Vorosmar | English | 10 | 10.101( | https:/ |
| Bioeconomic | 2003 | The purpose o | Bioeconomic r | Papua New G | Industrial | English | 4 | 10.101( | https:/ |
| Sustainable l | 1998 | During the past decades, maj | agricultural p | | Adams D. | English | 12 | 10.101( | https:/ |
| Agrarian poli | 1998 | This article presents a bio-ec | Mali; agricult | | Anderson | English | 48 | 10.101( | https:/ |
| A discussion | 2011 | Réunion Island, situated in the Indian Ocea | | | Alary V., I | English | 3 | 10.101 | https:/ |
| Designing an | 2017 | Achieving the | Agricultural pa | Kenya; Sub-S | Antle J.M. | English | 12 | 10.111 | https:/ |
| AN APPROAC | 1995 | Agricultural policy measures | UK, England, | | Ball D.F., I | English | 13 | 10.111 | https:/ |
| A metamode | 1996 | A novel approachfor integrating economic | | | Agricultur | English | 15 | 10.111 | https:/ |
| Adaptation t | 2010 | A decision-making framewor | Australia; Vic | | Statistical | English | 18 | 10.111 | https:/ |
| Review of hy | 2016 | Efficient use of water resour | Water manag | | Ahrends H | English | 8 | 10.533 | https:/ |
| Sustainable l | 2023 | Land, water, a land-water-food nexus; opti | | | Allan T., V | English | 1 | 10.543 | https:/ |
| Developmen | 2009 | This paper rep | Crop Manager | Crops; Econo | National I | English | 0 | | https:/ |
| Towards a m | 2009 | Climate variab | Desertificatior | Agricultural r | Hurkens J | English | 9 | | https:/ |
| An environm | 2012 | The EU Water | Environmenta | Agriculture; A | Arriaza M | English | 1 | 10.323 | https:/ |
| Integrated as | 2007 | The Integratec | Ecosystem ser | Agronomy; E | Bundes-B | English | 1 | | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Integrated as | 2010 | With about ha | Common Agri | Europe; Agric | (2006); Al | English | 65 | 10.101( | https:/ |
| Can agricultu | 1998 | The MATA model (a tool to e | Burkina Faso; | | Askari H., | English | 13 | 10.101( | https:/ |
| Policy releva | 2010 | The Common | Common agric | Agriculture; L | Aalders I.I | English | 39 | 10.101( | https:/ |
| Integrated as | 2009 | The recent an | AgriPoliS; MEA | agricultural n | Corine La | English | 85 | 10.101( | https:/ |
| MOD$$AT: A | 2020 | In this paper, v | Groundwater | Finney Count | Adamowi | English | 12 | 10.101( | https:/ |
| Forecasting t | 2010 | We used the in | Catchment ma | Environment | Bogena H | English | 19 | 10.101( | https:/ |
| Visualising cl | 2010 | Although land managers and | policy-maker | | Alkan Ols | English | 6 | 10.100 | https:/ |

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|---|---|---|---|---|---|---|---|---|---|
| Policy releva | 2010 | The Common | Common agric | Agriculture; L | Aalders I.I | English | 39 | 10.101( | https:/ |
| Methodolog | 2009 | Scenario-base | Agricultural sy | agriculture; a | Alcamo J., | English | 51 | 10.101( | https:/ |
| A methodolc | 2009 | Agriculture is i | Agriculture; In | nitrate; agric | Alkan Ols | English | 93 | 10.101( | https:/ |
| Assessing th | 2010 | Using linear pr | Agricultural pc | Flevoland; Fr | Acs S., Be | English | 66 | 10.111: | https:/ |
| Semantically | 2007 | The size and s | Agriculture; Er | Agriculture; ( | Athanasia | English | 1 | | https:/ |
| Policy releva | 2010 | The Common | Common agric | Agriculture; L | Aalders I.I | English | 39 | 10.101( | https:/ |
| Lighting on t | 2021 | In the field of | Agriculture; | Common Agric | Beghin JC, | English | 3 | 10.184( | https:/ |
| Balancing gr | 2011 | In arid countri | Agricultural pc | Spain; agricul | Ahrends H | English | 93 | 10.101( | https:/ |
| The Seine W | 2021 | Based on the ( | Agriculture; Ac | | Le Noe J., | English | 6 | 10.100: | https:/ |
| A system dyr | 2006 | In the recent p | Environmenta | Animals; Braz | Arquitt A. | English | 67 | 10.100: | https:/ |
| Potential eff | 2009 | Farmland habi | Agricultural la | Agriculture; E | Audsley E | English | 19 | 10.100: | https:/ |
| Comparison | 2011 | Recently an in | Decision Supp | accuracy asse | Bloschl G. | English | 70 | 10.101( | https:/ |
| Agrarian trar | 2005 | The agrarian t | Agrarian trans | Asia; Eastern | Angelsen | English | 69 | 10.101( | https:/ |
| Integrated m | 2014 | Pressures due | Common Agric | Decision mak | Ahrends H | English | 8 | 10.101( | https:/ |
| Nitrogen and | 2018 | Excess nutrients cause eutro | | Estonia; agric | Alexander | English | 12 | 10.101( | https:/ |
| Assessment | 2020 | The sustainabi | Agronomy; Ag | West Africa; | Agbenin J | English | 4 | 10.101( | https:/ |
| Temporal va | 2003 | In landscapes | Connectivity; I | agricultural la | Agger P., I | English | 74 | 10.102: | https:/ |
| Ammonia pc | 2009 | Ammonia emissions are majc | | Acidification; | Amann M | English | 1 | | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| On the contr | 2009 | In this paper a | Exploration; M | Conservation | Annets J.E | English | 36 | 10.101( | https:/ |
| Multi-scale s | 2011 | The European | Livestock char | Europe; Bos; | Alcamo J., | English | 23 | 10.101( | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| On the contr | 2009 | In this paper a | Exploration; M | Conservation | Annets J.E | English | 36 | 10.101( | https:/ |
| The impacts | 2022 | Cropland prot | Cropland com | Biodiversity; | Asadolahi | English | 16 | 10.101( | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Water–food | 2021 | The Water–Fo | CAPRI; Crops; | Agriculture; F | Maja M.M | English | 6 | 10.339( | https:/ |
| Water balan | 2009 | Water is a key | Dynamic mod | Agricultural r | Andersen | English | 1 | | https:/ |
| Multi-scale s | 2011 | The European | Livestock char | Europe; Bos; | Alcamo J., | English | 23 | 10.101( | https:/ |
| Developmen | 2012 | Policy makers | Agricultural ec | Australia; agr | (2010); Ba | English | 52 | 10.101( | https:/ |
| Modelling th | 2021 | This research | Agricultural policies; Agricul | | Petrovici I | English | 1 | 10.339( | https:/ |
| A Study on G | 2024 | As a result of t | brand strategy | China; agricu | Yang S., P | English | | 10.339( | https:/ |
| Developmen | 2011 | Policy makers | Agriculture; GI | Climatology; | Land Use | English | 0 | | https:/ |
| The Seine W | 2021 | Based on the ( | Agriculture; Ac | | Le Noe J., | English | 6 | 10.100: | https:/ |
| Effects of en | 1992 | This paper pre | agri-chemical; | USA; agricult | Pesticide | English | 10 | 10.101( | https:/ |
| Analysing Du | 2013 | The objective | Common agric | Netherlands; | Agro Cent | English | 3 | 10.101( | https:/ |
| Impact of co | 2011 | A number of p | Copulas; Crop | agricultural e | Anderson | English | 21 | 10.111: | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Cost-effectiv | 2013 | Purpose: The | Agricultural pc | Gossypium hi | Mallow st | English | 16 | 10.100: | https:/ |
| Food and agı | 1991 | Venezuela has recently taker | | Venezuela; a | | English | 4 | 10.101( | https:/ |
| Applied spat | 2019 | Field sizes in a | Economy of sc | Germany; agı | Agrarzeitu | English | 2 | 10.101( | https:/ |
| The impact c | 2016 | The growing d | Biogas; Land u | Italy; Lombar | Acutis M., | English | 46 | 10.101( | https:/ |
| The impacts | 2023 | We propose a | Adaptation; Ag | Israel; adapti | Agrios G.N | English | 4 | 10.101( | https:/ |
| Indirect land | 2010 | The planned e | Deforestation; | Animals; Anir | Decadal p | English | 535 | 10.107: | https:/ |
| Modelling pc | 1991 | This paper presents a simple | | Indonesia; ag | Altemeier | English | 0 | 10.108( | https:/ |
| Facilitating d | 2008 | This article pre | Agricultural policy; Farm-lev | | The Comp | English | 2 | 10.108( | https:/ |
| The Effects c | 1990 | A spatial equilibrium model c | | China; agricu | An X.-J., P | English | 2 | 10.108( | https:/ |
| Balancing fo | 2021 | The intensifica | Environmenta | Bangladesh; / | Ahmed A, | English | 5 | 10.108: | https:/ |
| Modelling pr | 2010 | A spatial price | Bilateral trade; | Common ag | Anania G. | English | 13 | 10.109: | https:/ |
| Modeling an | 2022 | Seasonality of agricultural pc | | agricultural p | Abdulai A | English | 4 | 10.111: | https:/ |
| Evaluating th | 2006 | We revisit the question of choosing partial | | | Armingto | English | 16 | 10.111: | https:/ |

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|---|---|---|---|---|---|---|---|---|
| The impact c | 2007 | This article investigates Turkey's sectoral t | Anderson | English | 43 | 10.111 | https:/ |
| AGRICULTUF | 1990 | This paper examines the agra | Burkina Faso; | Ancey G., | English | 1 | 10.111 | https:/ |
| Health check | 2008 | The impacts of the CAP Healt | Animalia; agr | Dairy exp | English | 2 | 10.111 | https:/ |
| Assessing re | 2016 | Meeting the world's growing | Agriculture; E | Energy Te | English | 24 | 10.137 | https:/ |
| Macedonian | 2013 | The Republic c | Agricultural pc | Suidae | Bienfield . | English | 2 | 10.172 | https:/ |
| Outlook for ( | 2006 | This paper describes the dev | agricultural n | Banse M., | English | 16 | 10.275 | https:/ |
| Forecasting t | 2022 | Organic farmir | common agric | Romania; agr | Utilised A | English | 3 | 10.339 | https:/ |
| Deforestatio | 1996 | The debate on causes of and | agricultural expansion; | | English | 5 | | https:/ |
| Scenarios fo | 2015 | This paper pre | Agricultural sector modellin | Fortschrit | English | 0 | | https:/ |
| The analysis | 2005 | In Turkey, the | Difference Pay | Triticum aest | Abay C., E | English | 1 | | https:/ |
| Planting righ | 2016 | This study inve | Farm distribution; Markov c | Agroscien | English | 6 | | https:/ |
| DECISION SU | 1980 | Models and computer-based | Economics | | undefine | 2 | | https:/ |
| The recursiv | 1980 | A comprehensive model of U | Forecasting; I | | English | 2 | | https:/ |
| The world ec | 1986 | A description of the nature of the world ec | | | English | 0 | | https:/ |
| Trade liberal | 2006 | The link betwe | Agricultural pr | Australasia; E | Economic | English | 12 | 10.111 | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101 | https:/ |
| Analyzing re | 2015 | This article dis | Agriculture; Economic mode | Banta E.R | English | 3 | | https:/ |
| The CAP bey | 2012 | The main purp | Agmemod model; Common | Begg I., Fu | English | 0 | 10.100 | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101 | https:/ |
| CAP reform: | 2005 | Agricultural Policy Modelling | Eastern Hem | Adams G. | English | 2 | 10.111 | https:/ |
| Potential imp | 2015 | Milk in terms ( | Milk and dairy products; Pa | Boulange | English | 7 | 10.155 | https:/ |
| Policy harmc | 2011 | Policy harmon | CAP; Decoupling; Direct sup | Balkhause | English | 14 | 10.213 | https:/ |
| Thünen Base | 2016 | This article pre | Agricultural policy; Germany | Armingto | English | 4 | 10.322 | https:/ |
| Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Obj | English | 1 | 10.322 | https:/ |
| Production a | 2021 | The Latest Cor | AGMEMOD; Agricultural ma | Evaluatio | English | 2 | 10.339 | https:/ |
| CEEC agricul | 2006 | The modelling | CEEC agriculture; EU enlarge | Adams G. | English | 0 | | https:/ |
| Agricultural p | 2012 | EU policy mak | Agricultural policy; CAP refo | Begg I., Fu | English | 1 | | https:/ |
| Simulation o | 2020 | The article cor | AGMEMOD m | Agricultural r | Alzahrani | English | 0 | | https:/ |
| Pesticide and | 2013 | Climate chang | agricultural sector model; C | Adams R.I | English | 3 | 10.114 | https:/ |
| Nitrogen Tax | 2020 | The ambitious | Agriculture; Er | Germany; Ag | Albiac J., I | English | 5 | 10.100 | https:/ |
| Developmen | 2009 | The article dis | Decision supp | Triticum aest | Adler, Et a | English | 41 | 10.101 | https:/ |
| Impacts of E | 2011 | As policy make | Biofuels; Indu | agricultural p | Banse M., | English | 80 | 10.101 | https:/ |
| Modelling of | 2011 | Recent Europe | Environmenta | Europe; Anim | Adler G., / | English | 75 | 10.101 | https:/ |
| Opportunitie | 2007 | In recent years | Agricultural pc | Economic an | Andersen | English | 28 | 10.101 | https:/ |
| A modelling | 2013 | In this paper w | Agricultural ec | Europe; Econ | Armingto | English | 17 | 10.101 | https:/ |
| Incorporatin | 2016 | This paper ana | Baseline; CAPRI-Farm Type; | Bauer S., S | English | 7 | 10.101 | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101 | https:/ |
| A grassland s | 2016 | This paper ass | CAPRI farm ty | France; Gerr | Britz W., I | English | 11 | 10.101 | https:/ |
| Environment | 2019 | Increasing foo | Biodiversity cc | Europe; agri- | Banse M., | English | 18 | 10.101 | https:/ |
| Farm Type E | 2013 | In this study, v | CAP reform; Fa | Common Agr | Armingto | English | 38 | 10.111 | https:/ |
| The Impact c | 2015 | We extend the | Computable g | Germany; Co | Synthesis | English | 16 | 10.111 | https:/ |
| Setting Clima | 2020 | We quantitati | CAPRI model; | Europe; Com | Barreiro-H | English | 17 | 10.111 | https:/ |
| European Ag | 2021 | The UK exited | Agricultural pc | United Kingd | Abreu M.I | English | 10 | 10.111 | https:/ |
| Assessing ag | 2009 | Brazil has sho | Agriculture; Br | Brazil; South | Alvim A.M | English | 6 | 10.111 | https:/ |
| Environment | 2018 | Livestock caus | agricultural greenhouse gas | Abadie L.I | English | 7 | 10.114 | https:/ |
| Flattening ar | 2012 | The paper pre | Agriculture; Common agricu | Armingto | English | 1 | 10.172 | https:/ |
| Implications | 2022 | In light of Russ | biofuels; CAPRI; CGE; DART; | Aguiar A., | English | 4 | 10.304 | https:/ |
| Thünen Base | 2016 | This article pre | Agricultural policy; Germany | Armingto | English | 4 | 10.322 | https:/ |
| Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Obj | English | 1 | 10.322 | https:/ |
| The Environr | 2022 | The Common | CAP; environn | Greenhouse g | Sadowski | English | 5 | 10.339 | https:/ |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Water–food | 2021 | The Water–Fo | CAPRI; Crops; | Agriculture; F | Maja M.M | English | 6 | 10.339( | https:/ |
| Socio-econo | 2023 | This paper pre | agricultural policy; cage ban | | Evidence | English | 1 | 10.789( | https:/ |
| Analyzing re | 2015 | This article dis | Agriculture; Economic mode | | Banta E.R | English | 3 | | https:/ |
| Spatial down | 2013 | The recent brc | Agricultural policy; Indicato | | Adler, Et a | English | 0 | | https:/ |
| Medium-ter | 2010 | The challenge | Capri model; Common agric | | Anania G. | English | 0 | | https:/ |
| Introduction | 2011 | The paper pre | Agriculture/common agricu | | Adenauer | English | 0 | | https:/ |
| EU-Wide (Re | 2012 | This article inv | Common agricultural policy | | Armingto | English | 8 | | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101( | https:/ |
| Land in the E | 2019 | The productio | Agriculture; Bi | Europe; Anir | Alexandra | English | 11 | 10.101( | https:/ |
| The basic lin | 1982 | The main aim of the Food and Agriculture | | | FAO, Fooc | English | 1 | 10.101( | https:/ |
| Food costs a | 1991 | Alternative government stoc | | USA; Zea ma | Kinsey, 'C | English | 0 | 10.101( | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101( | https:/ |
| Beef sector r | 2001 | The reforms o | Beef; Farm re- | Ireland; agric | Binfield J. | English | 10.101 | 10.101( | https:/ |
| The Impact c | 2011 | A customized version of the deterministic | | | Canada: C | English | 3 | 10.111: | https:/ |
| The FAPRI gl | 2012 | The history of | Agricultural policy; Analytica | | Balm E., P | English | 19 | | https:/ |
| FAPRI-UK Mc | 2012 | The FAPRI-UK | Common agricultural policy | | Best R.H., | English | 3 | | https:/ |
| Impact of glc | 2009 | Climatic chang | Global warmir | Glycine max; | Furuya J., | English | 18 | 10.100' | https:/ |
| Modeling bic | 2022 | Food systems | Agriculture; Climate; Develc | | Barrett C. | English | 1 | 10.101( | https:/ |
| Integrating li | 2014 | The various w | Agriculture; Fc | agricultural e | Bahta S., I | English | 19 | 10.101( | https:/ |
| Food and nu | 2024 | Food and nutr | Food security; Global food s | | Ainsworth | English | 0 | 10.101( | https:/ |
| Green and bl | 2010 | Most food glo | Economic moc | Ganges Basin | Falkenma | English | 51 | 10.101( | https:/ |
| Gaps betwee | 2019 | Background: Current diets ar | | Crop Product | The state | English | 166 | 10.101( | https:/ |
| Climate char | 2012 | This paper ana | Climate chang | Botswana; Li | Trenberth | English | 41 | 10.339( | https:/ |
| Combined ef | 2017 | Farmers are e | Agriculture; Cl | Norway; Phle | Asseng S., | English | 25 | 10.101( | https:/ |
| Combining li | 2019 | Purpose: Num | Agricultural pc | agricultural p | Supply Ba | English | 4 | 10.100' | https:/ |
| Could EU dai | 2017 | Since the 1st c | Dairy producti | France; Zea n | Barthelen | English | 20 | 10.101( | https:/ |
| Modeling Ch | 2016 | Purpose: Chin | Agriculture support policy; ( | | Aubert C., | English | 3 | 10.110: | https:/ |
| A critical ass | 1994 | We offer a crit | Agricultural pc | agricultural p | Azzam A.I | English | 12 | 10.230' | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Trade-off an | 2004 | In this paper w | Agricultural la | Andes; Ecuad | Antle J.M. | English | 27 | 10.101( | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101( | https:/ |
| Transformin | 2002 | The management of agricultu | | agricultural t | Ashby W.I | English | 13 | 10.100: | https:/ |
| Designing Su | 2012 | Sub-Saharan A | Food security; Agriculture; ( | | Abadi Gha | English | 26 | 10.100: | https:/ |
| Agent-based | 2014 | Gaining insigh | Agent Based M | Computation | Bouamra- | English | 7 | 10.100' | https:/ |
| Prospects of | 2012 | The limited av | Cost recovery; Irrigation wa | | Abdolniyc | English | 6 | 10.100' | https:/ |
| Assessing the | 2020 | The increased | Diet change; Land-use; Legu | | Alexandra | English | 9 | 10.100' | https:/ |
| Developing a | 2024 | The pressing is | Agent-based Model; Food s | | Abbasi F., | English | 0 | 10.100' | https:/ |
| Assessment | 1995 | In the case of | Agricultural pr | Europe, (Wes | de Koning | English | 15 | 10.101( | https:/ |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Multi-agent s | 2006 | Complex com | Bio-economic | modeling; po | Balmann , | English | 83 | 10.101( | https:/ |
| Participatory | 2016 | Alternative ag | Agent-based n | Bouches du R | Bezlepkin | English | 26 | 10.101( | https:/ |
| Incorporatio | 2018 | The increasing | Dairy sector; E | Slovenia; acc | van Tonge | English | 16 | 10.101( | https:/ |
| Representati | 2018 | The use of agent-based mod | | Europe; agric | Abdou M. | English | 105 | 10.101( | https:/ |
| Exploring pa | 2017 | Biofuel produc | Agent-based n | Germany; Ad | Borenstei | English | 19 | 10.101( | https:/ |
| The dynamic | 2013 | In this paper a | Model; Organi | Slovenia; Cor | Acs S., Be | English | 23 | 10.101( | https:/ |
| Impacts of sc | 2024 | The complexit | Farm successic | Cordillera Ad | Aguilar C. | English | 0 | 10.101( | https:/ |
| A behaviour | 2023 | Precision agric | Agent-based n | agricultural p | Argento F | English | 2 | 10.101( | https:/ |
| Sustainabilit | 2013 | In this work w | Agricultural-ur | Spain; Agricu | Alberti M. | English | 24 | 10.101( | https:/ |
| Exploring agı | 2016 | Agricultural pr | Agriculture pr | Crops; Enviro | Archer D.' | English | 127 | 10.101( | https:/ |
| A new interv | 2023 | Meta-Goal Prc | Agroecosyster | Iran; Artificia | Abdelkad | English | 2 | 10.101( | https:/ |

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|---|---|---|---|---|---|---|---|---|
| Influence of | 2021 | As climate cha | Efficiency; Opt | Agriculture; C | Guieysse I | English | 10 | 10.101( https:/ |
| Combining ir | 2007 | An Interactive | Crop selection | Farm Crops; I | Bojorquez | English | 24 | 10.101( https:/ |
| Comparing t | 2014 | In this paper t | Agent-based n | Agricultural r | An L., Mo | English | 40 | 10.101( https:/ |
| A return on e | 2017 | Agent-Based M | Agent-based n | Agriculture; A | Astier M., | English | 38 | 10.101( https:/ |
| Uncertainty | 2017 | The evolution | Agent-based n | Autonomous | Alfaro J.F. | English | 50 | 10.101( https:/ |
| Modeling ag | 2022 | With the incre | ABM; Agricult | Agriculture; E | Ali A.M., S | English | 6 | 10.101( https:/ |
| Cost-effectiv | 2012 | Market-based | Agent-based n | Scotland; Uni | Bakam I., | English | 35 | 10.101( https:/ |
| REDD+ and c | 2016 | Finding land u | Agent based m | Agriculture; C | Angelsen | English | 31 | 10.101( https:/ |
| The future o | 2010 | Under the pas | Cross compliai | agricultural s | Beaufoy G | English | 42 | 10.101( https:/ |
| The mountai | 2015 | The mountain | Agent based m | France; adap | Acevedo-( | English | 14 | 10.101( https:/ |
| Assessment | 2019 | Traditional Me | Contingent val | Murcia [Murc | Altieri M., | English | 26 | 10.101( https:/ |
| Searching fo | 2015 | European Unic | Agricultural sy | Latvia; Agricu | Barisa A., | English | 52 | 10.101( https:/ |
| Agent-Based | 2024 | Production of | Agent-based n | Sweden; Aut | AgriWise, | English | 0 | 10.101( https:/ |
| The effects c | 2019 | There has bee | Agro-fuel; Ene | Colombia; Ag | Zilberman | English | 25 | 10.101( https:/ |
| A hybrid dec | 2019 | Agricultural su | Agricultural supply chain ma | | Ahumada | English | 79 | 10.101( https:/ |
| Landscape e | 2001 | A landscape e | Agricultural pc | Texas; Unitec | Barbier E. | English | 28 | 10.101( https:/ |
| Agent-based | 2001 | This paper pre | Cellular autom | Chile; cellula | Balmann A | English | 482 | 10.101( https:/ |
| Induced innc | 1998 | This paper intr | Agricultural pc | Burkina Faso; | Barbier B. | English | 55 | 10.101( https:/ |
| Modelling th | 2003 | Policy making, | Land use analy | Mali; Animali | Barnett D | English | 40 | 10.101( https:/ |
| Sector mode | 2004 | Greece is a ma | Common agric | Agriculture; C | 40th Anni | English | 7 | 10.101( https:/ |
| Sector-level | 2012 | An agricultura | abatement costs; | agricultur | Sector lev | English | 12 | 10.108( https:/ |
| Indonesian s | 2018 | In spite of beir | socioeconomic | aspect; susta | Abiyev H. | English | 12 | 10.108( https:/ |
| Modeling ag | 2012 | Mathematical | Aggregation; A | agricultural e | Adams R.I | English | 53 | 10.109: https:/ |
| Grain produc | 2009 | China is the bi | Grain producti | Computer sci | Barney G. | English | 0 | 10.110( https:/ |
| AN EXAMINA | 1995 | Subsidies to | agricultural prod | Canada; Gerr | Guyomarc | English | 0 | 10.111: https:/ |
| Developmen | 2016 | Land transforr | Computer sim | Agriculture; D | Claassen I | English | 14 | 10.111: https:/ |
| **Applying a h** | 2004 | This paper adv | Agricultural su | agricultural p | Antle J.M. | English | 8 | 10.117 https:/ |
| Climate char | 2021 | Undernutrition | is a major cor | Agriculture; C | Pogge T, F | English | 6 | 10.137: https:/ |
| A social syste | 2023 | In paddy rice | cultivation, the | Biological Evc | Nguyen N | English | 0 | 10.137: https:/ |
| Developmen | 2017 | The present re | Agriculture; Dy | Climate chan | Rivza P., E | English | 1 | 10.177 https:/ |
| Sustainabilit | 2023 | This research | design concep | agricultural n | Srivastava | English | 0 | 10.182( https:/ |
| Socio-ecolog | 2018 | Agricultural pc | Agricultural policies; | Collect | Anderies . | English | 2 | 10.183! https:/ |
| Sectoral imp | 1992 | The overall an | Agricultural sector model; F | | Adams R.I | English | 71 | 10.230 https:/ |
| Food securit | 2019 | The state of gl | Food security; | Policy analysi | Abdelhed | English | 19 | 10.248: https:/ |
| System dyna | 2017 | This paper | presents a study b | Climate chan | Baudron F | English | 6 | 10.330: https:/ |
| A Decision Su | 2024 | The EU Green | Bayesian networks; | EU Gree | Oerke E.C | English | 0 | 10.339( https:/ |
| Impacts of th | 2015 | The agricultur | Biogas; Comm | Biogas; Crops | Wuebbles | English | 16 | 10.339( https:/ |
| The effects c | 2021 | To meet polic | Agent-based n | England; Italy | Farm to F | English | 1 | 10.339( https:/ |
| Examining Fa | 2022 | Nowadays, the | Bio-economic | agricultural p | Abas Z., R | English | 3 | 10.339( https:/ |
| Multi-criteria | 2018 | The paper pre | Agricultural pc | Slovenia; agri | Agency of | English | 7 | 10.398( https:/ |
| The commor | 2013 | In Hungary, th | Allocation of payments; | CAF | Arrow K.J. | English | 11 | 10.789( https:/ |
| Further deve | 2012 | The re-allocati | Agentbased modeling; | Agric | Barth L., L | English | 6 | https:/ |
| Resilience ar | 2020 | Strategies aim | Agent-based n | Ethiopia; climate chang | | English | | |
| Agent-based | 2012 | Among model | Bioeconomic | modelling; Ma | Balmann A | English | 6 | https:/ |
| An integrate | 2007 | Developing | countries are no | Asia; Eurasia; | Aggarwal | English | 6 | https:/ |
| European int | 2001 | This study tries | to quantitativ | Slovakia; agri | Banse M., | Slovak | 2 | https:/ |
| Understandi | 2020 | Agricultural value | chains refer to the set of | | Antonio L | English | 0 | https:/ |
| THE USE OF | 2023 | In this paper, | beef; CAP refo | Agriculture; D | Langrell S | English | 0 | https:/ |
| A system dyr | 2004 | The ever increasing | world population and l | | Forrester | English | 4 | https:/ |
| Study on mo | 2012 | In this paper, | agent-based m | Agriculture; C | Farmer J.I | English | 0 | 10.100 https:/ |

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|---|---|---|---|---|---|---|---|---|---|
| A system dyr | 2012 | Ecological agri | China; Ecologi | China; Gansu | Altieri M., | English | 68 | 10.101( | https:/ |
| An agent-bas | 2012 | We present ex | Agent-based n | agricultural p | Abildtrup | English | 75 | 10.100 | https:/ |
| How Much F | 2020 | Farm succession is a key poli | Belgium; Flar | Bijttebier | English | 7 | 10.111 | https:/ | |
| Developing e | 2005 | This paper foc | China; Ecologi | Asia; China; E | Abaidoo S | English | 104 | 10.101( | https:/ |
| Landscape-s | 2019 | Increasing con | AES; Agent-ba | Animalia; bio | Badenhau | English | 10 | 10.101( | https:/ |
| Evaluation o | 2011 | Organic farmir | Abundance oc | Animals; Bioc | (2010); Be | English | 21 | 10.101( | https:/ |
| A modelling | 2017 | With the curre | Agent-based n | Europe; Animalia; Lepu | English | | | | |
| Environment | 2015 | To minimize n | Agent-based a | Animal Husb | Ashford N | English | 24 | 10.101( | https:/ |
| Evaluating th | 2013 | Nitrate polluti | Bioeconomic r | France; Agric | Hanley N. | English | 20 | 10.100 | https:/ |
| Use of availa | 2008 | Nowadays Eur | Agronomic mc | Animalia; agr | Ackello-O | English | 51 | 10.101( | https:/ |
| The future o | 2013 | The objective | Agricultural pc | Europe; Com | Ahumada | English | 18 | 10.101( | https:/ |
| Contribution | 2020 | Synergies betv | Bioeconomy; ( | Poland [Cent | Adams P., | English | 10 | 10.101( | https:/ |
| Modelling fo | 2015 | This paper outlines a process | Australia; agr | Apeldoorn | English | 14 | 10.100 | https:/ | |
| Environment | 2002 | Regional agricultural projects | Agriculture; Cities; Con | English | 188 | 10.100( | https:/ | | |
| Water–food | 2021 | The Water–Fo | CAPRI; Crops; | Agriculture; F | Maja M.M | English | 6 | 10.339( | https:/ |
| Developmen | 1979 | The Korean agricultural secto | AGRICULTUR | Manetsch | English | 4 | 10.110 | https:/ | |
| Agricultural s | 1980 | Summarizes the objectives, activities and accomplish | English | 0 | https:/ | | | | |
| Environment | 2019 | Increasing foo | Biodiversity cc | Europe; agri- | Banse M., | English | 18 | 10.101( | https:/ |
| Livestock in a | 2015 | Livestock farm | adaptation co | North Americ | Alkemade | English | 86 | 10.108 | https:/ |
| Integration c | 2009 | The world we | Desertificatior | Agricultural r | Communi | English | 2 | https:/ | |
| Developmen | 2017 | This paper pre | Climate chang | Africa, Weste | Abdoulay | English | 15 | 10.101( | https:/ |
| Can smallhol | 2017 | Climate variab | C61; C63; D12 | Ethiopia; Euc | Protocols | English | 37 | 10.111 | https:/ |
| Assessment | 2014 | Agriculture an | Agent-based n | Agriculture; ( | (2014); (2 | English | 3 | https:/ | |
| The impact c | 1981 | Seeks to estimate the upwar | Zea mays; biomass ene | English | 13 | 10.230 | https:/ | | |
| Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Cen | Barreteau | English | 135 | 10.101( | https:/ |
| Adaptation t | 2005 | French suckler | Common agric | Bourgogne; C | Angirasa A | English | 83 | 10.101( | https:/ |
| Modelling M | 2011 | This article reports an analysi | Europe; Com | Balamou I | English | 6 | 10.111 | https:/ | |
| Impacts of fe | 2022 | The aim of this | agricultural policy; fertilizer | Annual Re | English | 0 | 10.362 | https:/ | |
| The Regional | 2010 | Regional Mult | Agent-based n | Italy; Agricult | Anton J., | English | 46 | 10.101( | https:/ |
| On-farm con | 2017 | Grassland-bas | Compliance cc | Switzerland; | Agridea, F | English | 22 | 10.101( | https:/ |
| Can agricultu | 2023 | Indicator-base | Agri-environmental indicato | Atzori R., | English | 2 | 10.109 | https:/ | |
| Short- and Lo | 2019 | Following the | Agent-based s | Switzerland; | Agridea Fi | English | 10 | 10.111 | https:/ |
| What impact | 2012 | Politically ther | Direct payments; Economic | Barth L., L | English | 5 | https:/ | | |
| Vegetable gr | 2012 | The agent-bas | Agent-based modelling; Agr | Agrarinfo | English | 4 | https:/ | | |
| Bioenergy pr | 2013 | Purpose-This s | Agricultural sustainable dev | Adams D. | English | 12 | 10.110 | https:/ | |
| Non-linear p | 1990 | This paper exa | Non-linear programming mc | Barnum, S | English | 17 | 10.101( | https:/ | |
| Symmetric p | 2001 | The PMP meth | Maximum ent | Europe; agric | Notes sur | English | 17 | 10.111 | https:/ |
| Comparing c | 2014 | Karnataka is o | Agro-ecologic | Chitradurga; | Acharya S | English | 78 | 10.101( | https:/ |
| Maize pricing | 1992 | Public sector attempts to det | Africa, (East); | Spooner, | English | 2 | 10.101( | https:/ | |
| Behavioral fa | 2024 | Smart Farming | Agricultural pc | Agriculture; A | Ajzen I., T | English | 0 | 10.101( | https:/ |
| Germany an | 1994 | A bargaining n | Bargaining; Co | Germany; agi | Ahrens H. | English | 6 | 10.230 | https:/ |
| Why cannot | 2020 | Annually the C | CAP; Capping; | Direct payme | Becker G. | English | 1 | 10.182( | https:/ |
| Opportunitie | 2023 | Future climate | aboveground biomass; clim | Dillon P., | English | 0 | 10.339( | https:/ | |
| The allocatio | 1997 | A key feature of the 1995 'mi | agricultural p | Outgoers' | English | 3 | 10.111 | https:/ | |
| Investigating | 2016 | The 2003 Common Agricultural Policy (CAF | Chadwick | English | 0 | 10.432 | https:/ | | |
| Assessing CA | 2006 | The European | Common Agric | agricultural n | Bach C.F., | English | 54 | 10.111 | https:/ |
| Assessing the | 2017 | All three dime | Arable crop; C | Vitis; agricult | Alkan Ols | English | 25 | 10.101( | https:/ |
| Analysis of th | 2024 | The Andalusia | Climate chang | Spain; agri-er | Aguilera-I | English | 0 | 10.101( | https:/ |
| The 2002 Far | 2006 | The Farm Security and Rural | North Americ | Hardaker | English | 2 | 10.108( | https:/ | |
| Modeling the | 2008 | Simulation mc | APEX model; C | Zea mays; Ag | Alberts E. | English | 56 | 10.101( | https:/ |

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|---|---|---|---|---|---|---|---|---|
| Combining L | 2015 | Conservation practices are often impleme | Arnold J.G | English | 1 | 10.120 | https:/ |
| Integrating A | 2011 | The purpose o APEX; Conserv | Illinois; Missi | Arnold J.G | English | 53 | | https:/ |
| Agroforestry | 1995 | The paper des EU agricultura | Germany, (N | Agrarland | English | 7 | 10.100 | https:/ |
| What drives | 2022 | Because of glo Agricultural ef | Agriculture; C | Ahmad M | English | 11 | 10.100 | https:/ |
| Was there p | 2011 | Policy " reforn Agricultural pc | Lycopersicon | Alston J.M | English | 2 | 10.101 | https:/ |
| Multi-scale a | 2012 | The environm | Afforestation; | Galicia [Spain | Baldock D | English | 98 | 10.101 | https:/ |
| Sustainable r | 2015 | Traditional far LEADER; Partic | Italy; Commo | Agarwal J. | English | 39 | 10.101 | https:/ |
| Distributive l | 2004 | The paper eva Agricultural pc | Austria; Cent | Aiginger K | English | 17 | 10.101 | https:/ |
| Inefficiencies | 2000 | Given that the Costs and inef | United Kingd | Boots M., | English | 30 | 10.101 | https:/ |
| An econome | 1999 | The objective | Decision supp | Spain; crop; i | Allanson F | English | 12 | 10.101 | https:/ |
| Modelling th | 1996 | This paper exa CAP reform; P | Netherlands; | Landbouw | English | 44 | 10.109 | https:/ |
| What affects | 2023 | Purpose: This | Adoption; Contributory fact | Adebiyi J. | English | 3 | 10.110 | https:/ |
| Credit marke | 2009 | This article sh Agricultural pc | agricultural p | Alston J.M | English | 93 | 10.111 | https:/ |
| Simulation o | 2023 | The draft Strat | acreage; breakpoint; direct | Appel F., I | English | 3 | 10.172 | https:/ |
| Analysis of S | 2022 | Using Italian d CAP; crop spe | farming syste | Alem H., L | English | 0 | 10.247 | https:/ |
| Impact analy | 2020 | This study ana Dairy farms; Econometric m | | Prisenk J., | English | 6 | 10.339 | https:/ |
| Adoption of | 2020 | The aim of thi | Banana produ | Agriculture; F | Thamaga- | English | 12 | 10.339 | https:/ |
| Redistributic | 2022 | A key issue in | Agricultural pc | Greece; agro | Regulatio | English | 3 | 10.339 | https:/ |
| Farmland rer | 2017 | The rapid grov Cost efficiency | China; Gansu | Godfray H | English | 10 | 10.339 | https:/ |
| Modeling the | 2011 | The aim of thi | Agriculture; Cc | Animalia; agr | O.C.E.D. V | English | 1 | | https:/ |
| Direct payme | 2006 | This article co | Direct paymer | Eurasia; Euro | Bourgeon | English | 6 | 10.101 | https:/ |
| Agricultural i | 2018 | Assessing how Farm typology | Mali; agricult | Affholder | English | 18 | 10.101 | https:/ |
| Impact of ag | 2007 | Agricultural m Faunal diversit | Central Euro | Akaike H., | English | 39 | 10.100 | https:/ |
| A Decision Su | 2024 | According to e agricultural pl | Artificial intel | Ahmed E. | English | 0 | 10.100 | https:/ |
| Application c | 2019 | Context: In the Common Agric | Andalucia; Sp | Aproxima | English | 22 | 10.100 | https:/ |
| A participatc | 2022 | Context: Crop- Action researc | France; agric | Argyris C., | English | 6 | 10.101 | https:/ |
| Quantifying t | 2008 | Irish agricultur Agricultural pc | Eurasia; Euro | Binfield J. | English | 32 | 10.108 | https:/ |
| Optimal Desi | 2019 | Information as Common Agric | agricultural la | Auerbach | English | 20 | 10.111 | https:/ |
| The Role of t | 2020 | As a multi-obj Dynamic pane | Italy; Commo | Arellano M | English | 21 | 10.111 | https:/ |
| The impact c | 2019 | The farming sy Agricultural trade; Farming- | | Bobojono | English | 6 | 10.171 | https:/ |
| Modelling of | 2006 | This paper dev CAP; DSS; Spatial OCL; UML | | Booch G., | English | 5 | 10.316 | https:/ |
| Making the c | 2008 | Commonage represents land | Eurasia; Euro | Mid-Term | English | 10 | 10.336 | https:/ |
| “Green” Trar | 2021 | Taking into ac Agri-environm | Environment | The EU’s 2 | English | 3 | 10.339 | https:/ |
| Evaluating ag | 1993 | This paper considers the topi | agricultural p | | English | 13 | | https:/ |
| Sheep-for-m | 2014 | We used simu Adaptation; Ag | Costs; Econo | (2007); Be | English | 4 | 10.150 | https:/ |
| Organic dairy | 2003 | Organic farmir | European comparison; Focu | Bedeutun | English | 17 | 10.101 | https:/ |
| Economic an | 2000 | This article describes a behav | Aragon; Hues | Alaejos A. | English | 10 | 10.111 | https:/ |
| Agriculture s | 1999 | Agricultural pollution of the e | Agriculture; D | Abler D.G | English | 6 | | https:/ |
| Impacts of al | 2008 | An integrated Animal feedin | North Americ | Aillery M. | English | 9 | 10.111 | https:/ |
| A methodolc | 2006 | This paper pre Erosion; Interc | pesticide app | Baadshau | English | 36 | 10.101 | https:/ |
| ECECMOD: A | 1999 | This article dis Eco-eco mode | modeling; nu | Antle J.M. | English | 37 | 10.101 | https:/ |
| The impact c | 2011 | When the Common Agricultural Policy (CA | | Howard R | English | 0 | | https:/ |
| An evaluatio | 2007 | The days following the discovery of BSE in | | Report of | English | 2 | 10.111 | https:/ |
| Modeling of | 2022 | Cotton is the r Cotton; Drip ir | Aral Sea; Uzb | Abdullaev | English | 4 | 10.101 | https:/ |
| Evaluation o | 2024 | The use of stra Agent-based n | China; Agricu | D'Amato I | English | 0 | 10.101 | https:/ |
| Pesticide ext | 2011 | This study use Agricultural se | Glycine max; | Agricultur | English | 11 | 10.101 | https:/ |
| Economic an | 2011 | This article rep Agricultural su | Europe; agric | Balkhause | English | 37 | 10.111 | https:/ |
| Transformat | 2021 | Agro-forest m Agro-forest m | Barriers; Con | Marchi M | English | 17 | 10.339 | https:/ |
| Characterisa | 2023 | During the last Common Agricultural Policy | | Agencia d | English | 0 | 10.339 | https:/ |
| An agent-bas | 2012 | Agent-based n Agent-based n | Central Luzor | Acosta-M | English | 42 | 10.101 | https:/ |

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|---|---|---|---|---|---|---|---|---|
| What would | 2013 | Switzerland's l | Conversion; Modeling; Orga | Acs S., Be | English | 0 | | https:/ |
| Foodgrains p | 1994 | The grains policies of the gov | Bangladesh; a | | English | 0 | | https:/ |
| Transfer into | 2008 | This paper foc | Design Process; Impact Asse | Adler M., | English | 33 | 10.100 | https:/ |
| Incorporatin | 2007 | Regional dimensions of a national econom | | Balakrishr | English | 2 | 10.117 | https:/ |
| Small farm a | 2023 | The concept o | Bounded ratio | Poland [Cent | Abate G.T | English | 3 | 10.100 | https:/ |
| Integrated as | 2011 | In this study, v | computer sim | Catchments; | Wang F., ) | English | 0 | 10.110 | https:/ |
| Integrated w | 2007 | Several recent | Global water a | Computer sir | Alcamo J., | English | 69 | 10.100 | https:/ |
| Spatial down | 2009 | The recent brc | Agricultural pc | Indicators (in | Adler, Et a | English | 0 | | https:/ |
| Flattening ar | 2012 | The paper pre | Agriculture; Cc | Bovidae | Armingto | English | 1 | | https:/ |
| SYSTEMATIC | 1982 | [No abstract available] | | DATA STRUC | | English | 0 | | https:/ |
| Agent-based | 2020 | Autonomous v | Agent-based n | Agricultural r | Boesch P. | English | 43 | 10.110 | https:/ |
| Agent-based | 2020 | Land change s | agent-based model; land ch | | Allan R.J., | English | 12 | 10.100 | https:/ |
| **Agricultural** | 2022 | This book is ce | Agricultural policies; Econor | | | English | 1 | 10.100 | https:/ |
| On the scena | 1979 | This paper reviews the major issues posed | | Arnaszus | English | 3 | 10.100 | https:/ |
| Reconciling a | 2017 | Agriculture ha | Agriculture; Bio-economic n | Armswort | English | 6 | 10.100 | https:/ |
| Deliberative | 2015 | The use of bio | Component-o | agricultural p | Aaslyng J. | English | 17 | 10.100 | https:/ |
| New Policy D | 2008 | This chapter discusses advances in linking t | | Antle J., T | English | 0 | 10.101 | https:/ |
| Modeling Eu | 2016 | Ruminant pro | Food security; Europe; Anin | Allen T., P | English | 36 | 10.101 | https:/ |
| On the devel | 2018 | Farm models a | Agent-based n | assessment n | Acs S., Be | English | 93 | 10.101 | https:/ |
| Agricultural l | 2019 | There is an inc | Agricultural la | Land use; Agr | Agarwal C | English | 24 | 10.101 | https:/ |
| The impact c | 2013 | In this paper w | Agricultural pr | agricultural p | Ahearn M | English | 49 | 10.101 | https:/ |
| Why do we r | 2014 | Environmenta | Agent-based s | agricultural e | Acosta-M | English | 25 | 10.101 | https:/ |
| Modelling w | 2020 | Models of wor | Agriculture; Ag | agricultural e | Altieri M., | English | 9 | 10.101 | https:/ |
| Increasing pr | 2001 | The developm | Climate; Farm | crop product | Asseng S., | English | 70 | 10.101 | https:/ |
| Agricultural l | 2019 | Agriculture as a social-ecological system er | | | | English | 7 | 10.101 | https:/ |
| Incorporatin | 2016 | The use of nur | forest industri | Commerce; F | Aczel A., S | English | 7 | 10.108 | https:/ |
| An agricultur | 2003 | The integratio | Agricultural sector; Integrat | | Praneviius | English | 3 | 10.108 | https:/ |
| Key policy qu | 2021 | Policies in the | benchmark sc | Agricultural r | Alam G M | English | 8 | 10.108 | https:/ |
| Meeting the | 2003 | 1. The global r | Agroecology; E | agri-environn | Ambrosin | English | 56 | 10.111 | https:/ |
| The Historica | 2018 | The demand f | Agricultural policy; Cost-ber | | Adelle C., | English | 0 | 10.114 | https:/ |
| The impact c | 2024 | The demand f | adoption; agriculture; dema | | Ambali O. | English | 0 | 10.117 | https:/ |
| Integrated m | 2016 | Agriculture is a | Economics; Fo | palm oil; ana | Gustafsor | English | 1 | 10.118 | https:/ |
| A review of a | 2021 | In this manusc | Adaptive complex systems; | | Boff L., Ec | English | 2 | 10.154 | https:/ |
| Agro-econon | 2019 | The article is d | Agricultural market; Agricul | | Kavallari A | English | 10 | 10.215 | https:/ |
| Impact of po | 2021 | Although susta | CAP; Economic efficiency; E | | Czyzewski | English | 13 | 10.339 | https:/ |
| Construction | 2014 | This paper des | County-level; I | Agriculture; A | Xiaohong | English | 0 | 10.402 | https:/ |
| MODELING A | 1985 | The modeling of the agricultu | | ECONOMICS; | | English | 0 | | https:/ |
| Bridging the | 2006 | Drawing on th | Agriculture; D | Agriculture; A | Bragg S., I | English | 7 | | https:/ |
| An European | 2008 | Integrated Ass | Agricultural sy | Agriculture; [ | Andersen | English | 4 | | https:/ |
| Modelling cr | 2008 | Crop simulation models are powerful tools | | | Castellazz | English | 0 | | https:/ |
| The potentia | 2016 | Economic exp | Economic experiments; Inte | | Akerlof G. | English | 1 | | https:/ |
| An economic | 1993 | Rhetorical definitions of agric | | USA; account | Cacek, La | English | 11 | 10.101 | https:/ |
| Current use | 2010 | Agri-Environm | Agri-environm | Europe; Farm | Agra CEAS | English | 61 | 10.101 | https:/ |
| Defining asse | 2009 | Integrated Ass | Collaborative a | Environment | Alcamo J., | English | 46 | 10.101 | https:/ |
| Ex ante impa | 2011 | The use of scie | Analytical fran | Europe; anal | Bach H., B | English | 68 | 10.575 | https:/ |
| Systematic a | 1982 | The analysis of policy impacts in agricultur | | | | English | 0 | | https:/ |
| Communicat | 2007 | [No abstract available] | | Eurasia; Euro | | English | 0 | | https:/ |
| AGRICULTUR | 1981 | [No abstract available] | | AGRICULTUR | | English | 0 | | https:/ |
| The use of en | 2008 | [No abstract a | Agricultural systems; Integra | | McCown I | English | 0 | | https:/ |
| A coupled hu | 2016 | Exponentially | climate chang | Adda River; It | Adger W., | English | 63 | 10.100 | https:/ |

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|---|---|---|---|---|---|---|---|---|
| Integrated w | 2007 | Several recent | Global water a | Agriculture; E | Alcamo J., | English | 7 | 10.100 https:/ |
| The Neglecte | 2022 | The water foo | Ex-ante impac | Europe; Agric | Alcott B., | English | 2 | 10.100 https:/ |
| Impacts of d | 2005 | Since 1991, In | Agricultural pc | Agriculture; C | Ahluwalia | English | 5 | 10.150 https:/ |
| Code moder | 2015 | SWAT (Soil an | APEX; Code m | Agriculture; C | Chapman | English | 5 | 10.396 https:/ |
| The impact c | 2021 | The hydrology of mountainou | Environment | Abbaspou | English | 5 | 10.100 https:/ | |
| Code moder | 2015 | SWAT (Soil an | APEX; Code m | Agriculture; C | Chapman | English | 5 | 10.396 https:/ |
| Code moder | 2015 | SWAT (Soil an | APEX; Code m | Agriculture; C | Chapman | English | 5 | 10.396 https:/ |
| A multicriter | 1999 | A multicriteria | Agriculture; GI | Italy; Veneto; | Borin M., | English | 54 | 10.100 https:/ |
| Irrigation de | 1996 | In the wake of | Developing co | India; Pakista | Babu S.C., | English | 5 | 10.100 https:/ |
| Simulating in | 1995 | Thematic maps, statistical da | Italy, (North), | Arnold, W | English | 10 | 10.101 https:/ | |
| Water resou | 2019 | The vast majo | Rainfall variab | Blue Nile Bas | Abbaspou | English | 15 | 10.101 https:/ |
| Ag-PIE: A GIS | 2006 | Diffuse polluti | Agriculture; DI | Agriculture; A | Al-Adama | English | 46 | 10.101 https:/ |
| Agricultural l | 1999 | The effects of | Agriculture; Er | Agriculture; E | Azzolin F., | English | 11 | 10.101 https:/ |
| Point/Nonpc | 2008 | Potential earn | Effluent tradin | Eurasia; Euro | Akerberg | English | 27 | 10.111 https:/ |
| Challenges o | 2006 | Water is increasingly becoming scarce with | Water in t | English | 0 | 10.178 https:/ | | |
| Optimizing w | 2015 | Optimal water | Future scenari | Alpheus Basi | Li Y.P., Hu | English | 25 | 10.339 https:/ |
| Evaluation o | 2008 | Various tools a | Agri-environment; Expert kr | Axelrod R | English | 8 | 10.408 https:/ | |
| NATIONAL A | 1974 | A conceptual framework for | ECONOMICS | English | 0 | https:/ | | |
| Bringing the | 2017 | Identifying me | conservation; | Great Plains; | Adamowi | English | 51 | 10.100 https:/ |
| Implementin | 2007 | The performa | Agriculture; As | Agriculture; C | Bazzani G | English | 29 | 10.100 https:/ |
| Quantifying | 2021 | Sustainable wa | Industrial tran | Beijing; China | Afgan N.H | English | 41 | 10.101 https:/ |
| Water mana | 2010 | Irrigated agric | Agriculture; | Common agricu | Bartolini F | English | 19 | 10.216 https:/ |
| Approach of | 1982 | Describes the modelling approach which h | English | 0 | https:/ | | | |
| Impact of W | 2022 | Hebei Provinc | computable ge | China; Hebei; | China Sus | English | 5 | 10.339 https:/ |
| Long-term si | 2019 | Evaluation of t | APEX; Claypan | Glycine max; | Al-Qudah | English | 14 | 10.101 https:/ |
| Groundwate | 2011 | Government s | Agricultural pc | Iran; agricult | Abu-Qdais | English | 41 | 10.101 https:/ |
| APEX-MODF | 2021 | APEX (Agricult | APEX; Ground | Animas River | Arnold J.G | English | 10 | 10.101 https:/ |
| Multisite eva | 2017 | The Agricultural Policy Envirc | Agriculture; E | Arnold J.G | English | 19 | 10.213 https:/ | |

In phase 1, the full Scopus extract is screened against the inclusion/exclusion criteria. This is done by screening the title and abstract against 4 criteria.

Columns B to E contain the 4 inclusion/exclusion criteria. A "1" is given when the criterion is met, "0" when the criterion is not met, "2" when it is unclear with the abstract only

Column A contains the final decision of inclusion ("1") or exclusion ("0") or doubt ("2") of the article

**Inclusion/exclusion criteria :**

| **Phase** | | **Criteria** | **Inclusion** | **Exclusion** |
|---|---|---|---|---|
| Phase 1 | C1 | Language | English lan | Other languages |
| | C2 | Topic | Review, di | Models are not main topic of article |
| | C3 | Theme | Focus on t | Other sectors (bioenergy, environment) |
| | C4 | Level | Agricultura | Farm, field or crop level |
| Phase 2 | C5 | Name | Model has | Model has no name |

| Authors | Title | Year | Abstract | Author Keywc | Index Keywords | References |
|---|---|---|---|---|---|---|
| Anderson C.J.; An | Regional clin | 2013 | The potential | biofuels; regio | Great Plains; Kansas | Alfieri J.G., Ni |
| Li R.; Wei C.; Afro | A GIS-based | 2021 | CONTEXT: In a | Crop yield; Cr | Alabama; Geneva Cc | Archontoulis |
| Ahmed S.M. | Impacts of d | 2020 | Owing to cont | Aquacrop; Eas | Gezira; Sub-Saharan | Adhikari U., P |
| Mohd Idris M.N.; | Spatio-temp | 2021 | Although aspe | Bioenergy poli | Malaysia; Elaeis; Agr | Cristobal J., M |
| Xiao Y.; Mignolet | Modeling the | 2014 | Assessing the | Agricultural la | France; Data mining; | Agreste, (200 |
| Volk M.; Möller M | A pragmatic | 2010 | This paper pre | Agricultural pc | Germany; Saxony-Ar | Methodenkat |
| Pan Y.; Yu Z.; Hols | Integrated a | 2014 | Agricultural la | Crop systems; | China; Hebei; North | Britz W., Verb |
| Quintana-Ashwell | Positive mat | 2021 | A method for | Alluvial aquifer; | Aquifer deple-tion; | Yasarer L.M., |
| Bellini E.; Martin I | Opportunitie | 2023 | Future climate | aboveground | biomass; climatic sce | Dillon P., The |
| Hirschi C.; Widme | Combining p | 2013 | We argue that | Agricultural pc | Switzerland; agri-en | Abildtrup J., A |
| Lord E.I.; Anthony | MAGPIE: A n | 2000 | A national agri | Databases; Ge | agricultural policy; G | Addiscott T.M |
| Sheridan P.; Schrc | Gis-Based M | 2007 | The chapter pı | fuzzy expert | system; Land-use mod | Bach M., Fred |
| Roth M.J.; Abbott | Evaluating ag | 1990 | A recursive, | multi-region, mu | Africa, (sub-Sahara); | Ancey, Facteu |
| Owsiński J.W.; Ro | Sensitivity ar | 1985 | The paper pre | agriculture; bl | AGRICULTURAL ENG | Albegov, Kacp |
| Solazzo R.; Pieran | How does gr | 2016 | Two of the mc | CAP reform; F | Italy; Triticum aestiv | Anania G., Pu |
| Wang S.; Tan Q.; Z | Water mana | 2022 | Predicting the | Inexact progra | China; Calibration; C | Ali M.K., Klein |
| Schmid E.; Sinabe | Phasing out | 2007 | Subsidies linke | Agricultural se | Austria; Central Eurc | Baldock D., Ca |
| Feike T.; Henseler | Multiple Poli | 2017 | China's crop p | Agricultural pr | Aksu; China; Tarim B | Aishan T., Hal |
| Borges P.J.; Frago | Assessing im | 2010 | This paper dis | Agricultural pc | Decision Making; Fo | Bach M., Lutz |
| Ma Y.; Li Y.P.; Zha | Mathematic | 2021 | A bi-level dece | Aral Sea Basin | Ecology; Electric pov | Albrecht T.R., |
| Layani G.; Mehrjo | Effects of go | 2023 | The governme | Crop pattern; | Climate change; Cos | Abadi B., A re |
| Fragoso R.; Marq | The econom | 2011 | The decouplin | C6; C61; Common | agricultural polic | Adenaeur M., |
| Cortignani R.; Dor | Simulation o | 2015 | Together, sust | Agricultural pc | Italy; agricultural lan | Ahmadi Voso |
| Cortignani R.; Sev | Complying w | 2017 | The main nove | First pillar refc | Italy; arable land; Co | Ahmadi V.B., |
| Cortignani R.; Dor | Greening an | 2020 | Since the 199( | Common agric | Italy; Agricultural rol | Allen B., Hart |
| Hopkins R. | Exchange Ra | 1993 | Recent literature on the mac | | Peru; agricultural po | Alvarez E., Po |
| Onal H. | Effects of inc | 1987 | Price endogenous sector mo | | Turkey; Aves; Melea | |
| Paris Q. | Symmetric p | 2001 | The PMP meth | Maximum ent | Europe; agricultural | Notes sur une |
| Fraser I.; McInnes | The allocatio | 1997 | A key feature of the 1995 'mi | | agricultural policy; c | Outgoers' Sch |
| Muñiz I.A.; Hurlé . | CAP MTR ver | 2006 | On June 2003 | Agri-environm | agricultural manage | Alonso J.C., A |
| De Sousa Fragoso | Assessing the | 2011 | In this paper, t | Agricultural sector; | Alentejo; PMP; | Arfini F., Dona |
| Asaadi M.A.; Mor | The impacts | 2019 | As with other | Agricultural pc | Crops; Economics; G | Madani K., Ag |
| Franco-Crespo C.; | The impact c | 2017 | The institutior | Agricultural pc | Ecuador; Saccharum | Lewandowski |
| Sali G.; Bulgheron | Developmen | 2011 | In recent years, European agriculture has been su | | | Arfini F., Dona |
| Mouratiadou I.; R | Investigating | 2016 | The 2003 Common Agricultural Policy (CAP) Refor | | | Chadwick L., |
| Gómez-Ramos A.; | Do support p | 2011 | The CAP Healt | Castilla y león; | Common agricultura | Acs S., Hanley |
| Ovisy M.; Mehry I | The impact c | 2014 | Since, various | Environmental | indicators; Fertilizer | Allanson P., C |
| Solazzo R.; Donati | A PMP mode | 2014 | The recent ref | Cap reform; | Farmer behaviour; Gre | Arfini F., Dona |
| Cortignani R.; But | Farm to Fork | 2022 | This study eva | Chemical inpu | Agriculture; Farmers | Alexander P., |
| Howitt R.E.; Med | Calibrating d | 2012 | This paper des | Agricultural pr | California; United St | Beattie B.R., |
| Lehtonen H.; Pelt | Co-effects of | 2006 | The agricultur | Adaptation; A | Eurasia; Europe; Finl | Adams R.M., |
| Lehtonen H.; Bärl | Combining d | 2007 | In this study, t | Agricultural pc | Agriculture; E I S; Le | Armington P., |
| Lehtonen H.; Aakl | Alternative a | 2005 | In this article, | Agri-environm | Eurasia; Europe; agri | Armington P. |
| Miettinen A.; Leh | On diversity | 2004 | The European | Agricultural pc | Animalia; Aves; Bovi | Ala-Mantila C |
| Lehtonen H.; Nier | Effects of rec | 2018 | The budget fo | Agricultural economics; | Agricultura | Balkhausen O |
| Lehtonen H.; Irz X | Impacts of re | 2013 | This paper sun | Agricultural ec | Animalia; Bovinae; P | Armington P., |
| Ogle S.M.; McCar | Managing th | 2016 | Public policies | Agricultural se | United States; agricu | FASOMGHG c |
| Alig R.; Latta G.; A | Mitigating gr | 2010 | The forest sec | Avoided defor | Agriculture; Archival | Adams D.M., |
| Adams D.M.; Alig | The forest ar | 1996 | The Forest and | Agricultural S | carbon sequestration; | FASOM moc |

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|---|---|---|---|---|---|
| Heidecke C.; Kreir | Global Chang | 2011 | Global and Cli | Climate Change Effect; Crop Yield; I | Bundesamt fü |
| Henseler M.; Delz | Nitrogen Tax | 2020 | The ambitious | Agriculture; Er | Germany; Agricultur | Albiac J., Kahi |
| Rossing W.A.H.; Z | Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Central Eur | Barreteau O., |
| Gömann H.; Krein | Model basec | 2005 | In this paper a | Agri-environm | Central Europe; Ems | Rhein Bestand |
| Sieber S.; Pannell | Modelling pe | 2010 | A newly devel | Aquatic biocer | Central Europe; Eura | Anbumozhi V |
| Gömann H.; Krein | Impact of nit | 2004 | Among the nu | Agriculture; Di | Central Europe; Eura | Bach M., Die |
| Offermann F.; Bar | Thünen Base | 2016 | This article pre | Agricultural policy; Germany; Impa | Armington P., |
| Offermann F.; Del | Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Objekta |
| Wendland F.; Kun | Water fluxes | 2007 | An integrated | Agro-environn | Agriculture; Environ | Behrendt H., |
| Zimmermann A.; | Are public pa | 2011 | Purpose: The a | Decision-supp | Animalia; air pollutic | Andersen E., |
| Mack G.; Walter T | Seasonal alp | 2013 | Seasonal alpin | Agricultural pc | Animalia; agricultura | Batzing W., Kl |
| Mann S.; Zimmer | What impact | 2012 | Politically ther | Direct payments; Economic modeli | Barth L., Lanz |
| Ziesmer J. | Identifying k | 2024 | Transformation of the previous centrally growth-c | (2014); Arndt |
| Parikh A. | Intersectoral | 1991 | The objectives of this paper a | Asia; agricultural gro | Adelman I., B |
| Shahpari G.; Ashe | Implications | 2023 | Agricultural se | Agricultural se | Iran; agricultural dev | Ahmadi F., Na |
| Minihan E.S.; Wu | Capturing th | 2014 | The importanc | Agricultural policy; Computable ger | Alexeeva-Tale |
| Narayana N.S.S.; I | Indian agricu | 1987 | A ten-sector, sequential applied general equilibriu | Ahluwalia, Inc |
| Storm S. | The macroec | 1994 | A dynamic nine-sector comp | India; agricultural pc | Bhattacharya |
| Yeah K.L.; Yanagic | Evaluation o | 1994 | The purpose of this study is t | Malaysia; agricultura | Abdul Aziz, Im |
| Uri N.D.; Boyd R. | Assessing the | 1994 | This study exa | agricultural pc | USA; agricultural pol | Ballard, Fullcr |
| Boyd R.; Konyar K | Measuring a | 1992 | This paper uses an aggregate | USA; aggregate mod | Adelman, Rob |
| Arunanondchai J.I | Applied gene | 2003 | This paper pre | Agricultural policy; Forest productio | Arunondchai |
| Roe T.; Dinar A.; T | Feedback lin | 2005 | This paper foc | Computable general equilibrium; F | Berck P., Robi |
| Stifel D.C.; Randri | Agricultural | 2006 | The purpose o | Agricultural policy; Madagascar; M | Ahmed R., Do |
| Aragie E.A.; McDc | The econom | 2023 | Semi-subsister | Economic responses; Economywide | Anderson K., |
| Mulanda S.M.; Pu | Characteristi | 2021 | The Zambian e | CGE model; Sc | Zambia; agricultural | Acemoglu D., |
| Weyerbrock S. | Reform of th | 1998 | This paper stu | Agricultural ar | Europe; agricultural | Agra Europe, |
| Storm S. | Domestic co | 1997 | In light of the | Agricultural policy; Indian developn | Adelman I., B |
| Storm S. | Agriculture u | 1997 | Under the imp | Agricultural pc | India; agricultural im | Bhagwati J., S |
| Gohin A.; Guyom | Tariff protec | 2006 | The study proposes a way fo | Eurasia; Europe; Fra | Anderson K., |
| McDonald S.; Kirs | A social acco | 1997 | In this paper the format of a Social Accounting Ma | Armington P.S |
| Storm S. | The unfinish | 1997 | Employing a d | Agricultural pc | India; agricultural de | Barker R., Bar |
| Gohin A.; Bureau | Modelling th | 2006 | We investigate | Common agricultural policy; Export | Adenauer M., |
| Schroeder L.A.; G | The Impact c | 2015 | We extend the | Computable g | Germany; Common | Synthesis of R |
| Warr P.; Yusuf A.A | Fertilizer sub | 2014 | Indonesia is a | Fertilizer subsi | Indonesia; agricultur | Abimanyu A., |
| Argüello R.; Valde | Sectoral and | 2015 | We aim to ass | Agricultural pc | Colombia; agricultur | Arango C., Ro |
| Gohin A.; Moschi | Evaluating th | 2006 | We revisit the question of choosing partial equilib | Armington P.S |
| Gohin A. | Assessing CA | 2006 | The European | Common Agri | agricultural modelin | Bach C.F., Fra |
| Yu W.; Jensen H.C | China's agric | 2010 | This article rev | Agricultural ta | China; agricultural d | Anderson K., |
| Bednaříková Z.; D | The impacts | 2009 | The paper pre | Agriculture; Models; Regional econ | Balamou E., P |
| Uhrinčaťová E. | Effects of the | 2011 | The contributi | Common agricultural policy of the | Bednarikova Z |
| Gelan A.; Schwarz | The effect of | 2008 | This study qua | Common agric | Bos; Ovis aries | Allanson P., C |
| Zouabi O. | The effects c | 2021 | This study aim | Agricultural sector; Climatic change | Arndt C., Farn |
| Kunimitsu Y. | Asset manag | 2011 | Agricultural pr | Asset manage | Japan; agricultural p | Ban K., Multi- |
| Bekchanov M.; Sc | Review of hy | 2016 | Efficient use of water resour | Water management | Ahrends H., M |
| Li Z.; Qi Q.; Liu Y.; | Research an | 2011 | In the event th | Agricultural pc | Agriculture; Data ha | Liu X., An ana |
| Křístková Z.; Ratir | Impact of the | 2012 | In this paper, t | Agriculture; Bu | Czech Republic; Com | Bednarikova Z |
| Ouraich I.; Tyner V | Moroccan ag | 2018 | This paper pro | Adaptation; Agricultural policy; CGE | Projet d'Intég |
| Boyle G.E. | An applied c | 1995 | In this paper an applied com | Ireland; agricultural policy; CAP; ce |
| Rendleman C.M. | Agrichemical | 1991 | When farm chemical use is re | agricultural policy; cl |

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|---|---|---|---|---|---|
| Salma U.; Warr P. | Foodgrains p | 1994 | The grains policies of the gov | Bangladesh; agricult | |
| Berndt M.; Boyse | Implications | 2022 | In light of Russ | biofuels; CAPRI; CGE; DART; food s | Aguiar A., Nar |
| Henseler M.; Delz | Nitrogen Tax | 2020 | The ambitious | Agriculture; Er | Germany; Agricultur Albiac J., Kahi |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag Ahumada O., |
| Van Meijl H.; Van | The impact c | 2006 | The impact of | Global Econon | Eurasia; Europe; agri Abler D., Adju |
| Britz W.; Hertel T. | Impacts of E | 2011 | As policy make | Biofuels; Induc | agricultural producti Banse M., var |
| Neumann K.; Verl | Multi-scale s | 2011 | The European | Livestock char | Europe; Bos; Capra h Alcamo J., Lee |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag Ahumada O., |
| Philippidis G.; Hul | The econom | 2001 | This paper rep | CAP; CGE; GTA | Europe; Common Ag Atkin M., Sno |
| Huan-Niemi E.; Ni | Anticipating | 2017 | The goal of thi | Agricultural policy; Delphi method; | Armington P., |
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| Valera H.G.A.; Go | The impacts | 2024 | Purpose: This | Agricultural support policies; Cerea | Baldos U.L.C., |
| Berndt M.; Boyse | Implications | 2022 | In light of Russ | biofuels; CAPRI; CGE; DART; food s | Aguiar A., Nar |
| Britz W.; Pérez-D | Analyzing res | 2015 | This article dis | Agriculture; Economic modelling; G | Banta E.R., M |
| Balié J.; Strutt A.; | Infrastructur | 2018 | Many governn | CGE modelling; Infrastructure inves | Aguiar A., Nar |
| Rega C.; Helming | Environment | 2019 | Increasing foo | Biodiversity cc | Europe; agri-environ Banse M., Var |
| Offermann F.; Bar | Thünen Base | 2016 | This article pre | Agricultural policy; Germany; Impa | Armington P., |
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| Benfica R. | Agricultural I | 2022 | We look at the | Agricultural r&d; Computable gene | Benfica R, Her |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag Ahumada O., |
| Angevin F.; Fortin | Assessing the | 2017 | All three dime | Arable crop; C | Vitis; agricultural mc Alkan Olsson |
| Colombo S.; Castr | Analysis of th | 2024 | The Andalusia | Climate chang | Spain; agri-environm Aguilera-Huer |
| Werner A.; Werne | Ex ante asse | 2014 | The cultivatior | Agricultural m | Germany; Analytic h Alphonce C.B. |
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| Day M.E.; Tang M | Simulation o | 2023 | The objective | APEX; cattle; e | Flint Hills; Great Plai Maczko K.A., |
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| Dabbert S. | Agroforestry | 1995 | The paper des | EU agricultura | Germany, (Northeas Agrarlandscha |
| Boufateh T.; Attia | Does asymm | 2023 | This paper inv | Agriculture; Bi | Tunisia; agricultural Alamdarlo H.I |
| Czyżewski B.; Poc | Small farm a | 2023 | The concept o | Bounded ratio | Poland [Central Eurc Abate G.T., Dr |
| Borychowski M.; | What drives | 2022 | Because of glo | Agricultural ef | Agriculture; Carbon; Ahmad M., Zh |
| Warsame A.A.; M | The relations | 2023 | Climate chang | Agriculture; Al | Agriculture; Animals Agboola M.O. |
| De Roy S.; Saratch | On the politi | 2023 | Macroeconom | Agriculture; Corporate encroachme | Balakrishnan |
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| Wu F.; Pfenninger | Challenges a | 2023 | Bioenergy is cu | Bioenergy; De | Biofuels; Energy poli Adams P.W., |
| Ou S.-L. | Forecasting a | 2012 | Agriculture is t | Agricultural ou | Agriculture; Genetic Agrawal R., Fo |
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| Upton V.; O'Dono | The physical, | 2014 | Land use chan | Afforestation; | Agriculture; Comput Anselin L., Thi |

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| Soregaroli C.; Sck | Agricultural p | 2011 | This study eva | Common agricultural policy; D4; Da | Alvarez A.M., |
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| Kumar J.; Rana S.; | What affects | 2023 | Purpose: This | Adoption; Contributory factors; Co | Adebiyi J.A., C |
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| Benavides-Perale | He impact of | 2018 | Mexican agric | Agricultural financing; Agricultural | Anderson M., |
| Lososová J.; Zden | Simulation o | 2023 | The draft Strat | acreage; breakpoint; direct payme | Appel F., Heir |
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| Bahta S.; Temoso | Productive e | 2023 | Introduction: I | beef cattle production; Botswana; I | Abel N., Mis-r |
| Pavić L.; Turk J.; G | Impact analy | 2020 | This study ana | Dairy farms; Econometric models; I | Prisenk J., Bor |
| Waseem R.; Mwa | Adoption of | 2020 | The aim of this | Banana produ | Agriculture; Farmers Thamaga-Chit |
| Kremmydas D.; Ts | Redistributic | 2022 | A key issue in | Agricultural pc | Greece; agroindustr Regulation (E |
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| Vasyl'yeva O.; Kuz | Econometric | 2022 | Using the Cobb-Douglas proc | | Agricultural technolc |
| Abokyi E.; Asiedu | Agricultural p | 2021 | This paper inv | agricultural commodity market; bu | Abokyi E, Folr |
| Ivanov B.; Sokolo | Modelling of | 2014 | The article pre | Baseline projection; Cereals; Mode | Chantreuil F., |
| Igberi C.O.; Taylo | Do agricultur | 2020 | This study ana | Agricultural policy; ARDL Bounds Te | Adetiloye K.A |
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| Meyer F.; Strauss | Modelling th | 2008 | The productio | Biofuels draft strategy; Economic fe | South African |
| Gebrehiwet Y.; M | Integrating a | 2011 | Most partial e | input costs; partial equilibrium mo | Focus Area: C |
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| Pilvere I.; Krievina | Projecting va | 2018 | To generate pı | Agriculture; M | Greenhouse gases; M | CAP at A Glan |
| Nipers A.; Pilvere | Projecting in | 2019 | To generate pı | Agriculture; Fi | Aggregates; Agricult | Qi A., Murray |
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| Erickson E.; House | Multiple obje | 1984 | The technique of factor analysis is applied to a sitı | | | Cohon, Marks |
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| Svoboda A.; Polák | Do agri-envi | 2024 | In the Czech R | Arable land; Cl | Czech Republic; Carb | Aertsens J., D |
| Thomas A.; Cosby | Rapid adapti | 2021 | Sustainable us | Agriculture; Ai | ammonia; agricultur | Adelle C., Jord |
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| Zhou M. | An interval fı | 2015 | In this study, a | Environmenta | China; Jiangsu; Nanji | Aerts J., van H |
| Falconnier G.N.; D | Agricultural i | 2018 | Assessing how | Farm typology | Mali; agricultural int | Affholder F., E |
| Zhong J.; Cheng H | Adoption de | 2024 | Purpose: Desp | Adoption of tr | Decay (organic); Lea | Ahumada O., |
| Volkov A.; Melnik | CAP direct pa | 2017 | Environmenta | CAP; Direct payments system; Envi | | A Part of Dire |
| Choudhury D.K.; ( | Identifying v | 2024 | Significant progress has been | Agriculture; Banglad | | Bangladesh Se |
| Field H.; Fulton M | Germany and | 1994 | A bargaining n | Bargaining; Co | Germany; agricultur | Ahrens H., Les |
| Elmahdi A.; McFa | A decision su | 2009 | The Gnangara | DSS; Integrate | Agricultural robots; A | Beddek R., Elr |
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| Watson S.C.L.; Ne | Does agricult | 2021 | Context: Agric | Agriculture; Ec | Dorset [England]; En | Andersen T., ( |
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| Rodríguez Sousa A | Application c | 2019 | Context: In the | Common Agric | Andalucia; Spain; agı | Aproximación |
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| Roetter R.P.; van | Combining fa | 2007 | Currently, in m | Bio-economic | Asia; Eurasia; Far Eas | Tools for Land |
| Hennessy T.; Shre | Quantifying t | 2008 | Irish agricultur | Agricultural pc | Eurasia; Europe; Irel | Binfield J., Et |
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| Varadan R.J.; Mar | Technology, | 2022 | The complexit | relative performance; simulation; S | | Andrieu N., D |
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| Di Falco S.; van Re | Making the c | 2008 | Commonage represents land | Eurasia; Europe; Irel | | Mid-Term Eva |
| Pawłowska A.; Gr | "Green" Trar | 2021 | Taking into ac | Agri-environm | Environmental prote | The EU's 202 |
| Kremmydas D.; Pe | Parametric C | 2012 | A web based S | Common Agric | Artificial intelligence | Bauer S., Kasr |

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| Uthes S.; Fricke K. | Policy releva | 2010 | The Common | Common agric | Agriculture; Land us | Aalders I.H., A |
| Therond O.; Belhc | Methodolog | 2009 | Scenario-base | Agricultural sy | agriculture; article; c | Alcamo J., Sce |
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| Leal Neto A.D.C.; | A system dyr | 2006 | In the recent p | Environmenta | Animals; Brazil; Cons | Arquitt A., Joh |
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| Qu H.; Yang S.; Lu | Integrated as | 2011 | In this study, v | computer sim | Catchments; Compu | Wang F., Xu J. |
| Spranger T.; Klim | Ammonia pc | 2009 | Ammonia emissions are majc | | Acidification; Agricul | Amann M., Th |
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| Groot J.C.J.; Rossi | On the contr | 2009 | In this paper a | Exploration; M | Conservation; Econo | Annets J.E., A |
| Neumann K.; Verl | Multi-scale s | 2011 | The European | Livestock char | Europe; Bos; Capra h | Alcamo J., Lee |
| Rossing W.A.H.; Z | Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Central Eur | Barreteau O., |
| Groot J.C.J.; Rossi | On the contr | 2009 | In this paper a | Exploration; M | Conservation; Econo | Annets J.E., A |
| Zheng W.; Li S.; K | The impacts | 2022 | Cropland prot | Cropland com | Biodiversity; China; ( | Asadolahi Z., |
| Rossing W.A.H.; Z | Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Central Eur | Barreteau O., |
| Corona-López E.; | Water–food | 2021 | The Water–Fo | CAPRI; Crops; | Agriculture; Food Su | Maja M.M., A |
| Elmahdi A.; Main | Water balan | 2009 | Water is a key | Dynamic mod | Agricultural robots; | Andersen J., F |
| Worqlul A.W.; Jec | The impact c | 2021 | The hydrology of mountaino | | Environmental Moni | Abbaspour K. |
| Taylor R.A.J.; Jeor | Code moder | 2015 | SWAT (Soil an | APEX; Code m | Agriculture; C (progr | Chapmann S.J. |
| Taylor R.A.J.; Jeor | Code moder | 2015 | SWAT (Soil an | APEX; Code m | Agriculture; C (progr | Chapmann S.J. |
| Neumann K.; Verl | Multi-scale s | 2011 | The European | Livestock char | Europe; Bos; Capra h | Alcamo J., Lee |
| Piot-Lepetit I. | The impact c | 2011 | When the Common Agricultural Policy (CAP) was | | | Howard R.A., |
| Marinoni O.; Nav | Developmen | 2012 | Policy makers | Agricultural ec | Australia; agricultura | (2010); Bastia |
| Cristea D.S.; Rose | Modelling th | 2021 | This research | Agricultural policies; | Agriculture; C | Petrovici D.A. |
| Xin Y.; Xu Y.; Zher | A Study on G | 2024 | As a result of t | brand strategy | China; agricultural c | Yang S., Panja |
| Marinoni O.; Pres | Developmen | 2011 | Policy makers | Agriculture; Gl | Climatology; Econon | Land Use of A |
| Billen G.; Garnier | The Seine W | 2021 | Based on the | Agriculture; Ac | | Le Noe J., Bill |
| Le Roy D.G.; Klein | An evaluatio | 2007 | The days following the discovery of BSE in Canada | | | Report of the |
| Bouzaher A.; Arch | Effects of en | 1992 | This paper pre | agri-chemical; | USA; agricultural che | Pesticide Drin |
| Samson G.S.; Gar | Analysing Du | 2013 | The objective | Common agric | Netherlands; Comm | Agro Centre, |
| Woodard J.D.; Pa | Impact of co | 2011 | A number of p | Copulas; Crop | agricultural economi | Anderson J.D. |
| Rossing W.A.H.; Z | Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Central Eur | Barreteau O., |
| Rozakis S.; Haque | Cost-effectiv | 2013 | Purpose: The | Agricultural pc | Gossypium hirsutum | Mallow sugar |
| Krissoff B.; Trapid | Food and agı | 1991 | Venezuela has recently taker | | Venezuela; agricultu | |
| Eigner A.E.; Nupp | Applied spat | 2019 | Field sizes in a | Economy of sc | Germany; agricultur | Agrarzeitung, |
| Bartoli A.; Cavicch | The impact c | 2016 | The growing d | Biogas; Land u | Italy; Lombardy; Zea | Acutis M., Alf |
| Kan I.; Reznik A.; I | The impacts | 2023 | We propose a | Adaptation; Ag | Israel; adaptive man | Agrios G.N., P |

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| Lapola D.M.; Scha | Indirect land | 2010 | The planned e | Deforestation; | Animals; Animals, D | Decadal plan |
| Altemeier K.; Tab | Modelling pc | 1991 | This paper presents a simple | | Indonesia; agricultur | Altemeier K., |
| Strauss P.G.; Mey | Facilitating d | 2008 | This article pre | Agricultural policy; Farm-level mod | | The Competit |
| Yao S.; Colman D. | The Effects c | 1990 | A spatial equilibrium model c | | China; agricultural p | An X.-J., Pricir |
| Li M.; Guo Z.; Zha | Balancing fo | 2021 | The intensifica | Environmenta | Bangladesh; Agricult | Ahmed A, Bak |
| Nolte S.; Grethe H | Modelling pr | 2010 | A spatial price | Bilateral trade; Common agricultur | | Anania G., Th |
| Ge H.; Gómez M.; | Modeling an | 2022 | Seasonality of agricultural pc | | agricultural policy; c | Abdulai A., Bi |
| Gohin A.; Moschi | Evaluating th | 2006 | We revisit the question of choosing partial equilib | | | Armington P.S |
| Nowak-Lehmann | The impact c | 2007 | This article investigates Turkey's sectoral trade flo | | | Anderson J.E. |
| Roth M.J.; Abbott | AGRICULTUF | 1990 | This paper examines the agra | | Burkina Faso; Gossy | Ancey G., Fac |
| Moss J.; Binfield J | Health check | 2008 | The impacts of the CAP Healt | | Animalia; agricultura | Dairy export s |
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| Ursu A.; Petre I.L. | Forecasting t | 2022 | Organic farmir | common agric | Romania; agricultura | Utilised Agricu |
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| Barros Oscar; Gor | DECISION SU | 1980 | Models and computer-based | | Economics | |
| Huang W.-Y.; Wei | The recursiv | 1980 | A comprehensive model of U | | Forecasting; Models | |
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| Saunders C.; Wre | Trade liberal | 2006 | The link betwe | Agricultural pr | Australasia; Eurasia; | Economic out |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag | Ahumada O., |
| Britz W.; Pérez-D | Analyzing re | 2015 | This article dis | Agriculture; Economic modelling; G | | Banta E.R., M |
| Erjavec E.; Chantr | The CAP bey | 2012 | The main purp | Agmemod model; Common agricul | | Begg I., Fundi |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag | Ahumada O., |
| Chantreuil F.; Lev | CAP reform: | 2005 | Agricultural Policy Modelling | | Eastern Hemisphere | Adams G., We |
| Zrakić M.; Salputr | Potential im | 2015 | Milk in terms | Milk and dairy products; Partial equ | | Boulanger P., |
| Salputra G.; Chan | Policy harmc | 2011 | Policy harmon | CAP; Decoupling; Direct support; M | | Balkhausen O |
| Offermann F.; Bar | Thünen Base | 2016 | This article pre | Agricultural policy; Germany; Impa | | Armington P., |
| Offermann F.; Del | Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae | ATKIS-Objekta |
| Kranjac D.; Zmaić | Production a | 2021 | The Latest Cor | AGMEMOD; Agricultural markets; ( | | Evaluation of |
| Erjavec E.; Donne | CEEC agricult | 2006 | The modelling | CEEC agriculture; EU enlargement; | | Adams G., We |
| Hanrahan K.; Don | Agricultural p | 2012 | EU policy mak | Agricultural policy; CAP reform; EU | | Begg I., Fundi |
| Dibrova A.; Pankr | Simulation o | 2020 | The article cor | AGMEMOD m | Agricultural robots; | Alzahrani A., I |
| Shakhramanyan M | Pesticide and | 2013 | Climate chang | agricultural sector model; Climate ( | | Adams R.M., |
| Henseler M.; Delz | Nitrogen Tax | 2020 | The ambitious | Agriculture; Er | Germany; Agricultur | Albiac J., Kahi |
| Britz W.; Leip A. | Developmen | 2009 | The article dis | Decision supp | Triticum aestivum; a | Adler, Et al., I |
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| Britz W.; Verburg | Modelling of | 2011 | Recent Europe | Environmenta | Europe; Animalia; ag | Adler G., Ange |
| Mittenzwei K.; Fje | Opportunitie | 2007 | In recent years | Agricultural pc | Economic analysis; E | Andersen E., I |
| Overmars K.P.; He | A modelling | 2013 | In this paper w | Agricultural ec | Europe; Economic a | Armington P.S |
| Espinosa M.; Gocl | Incorporatin | 2016 | This paper ana | Baseline; CAPRI-Farm Type; Farm st | | Bauer S., Som |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag | Ahumada O., |
| Gocht A.; Espinos | A grassland s | 2016 | This paper ass | CAPRI farm typ | France; Germany; Ita | Britz W., Leip |
| Rega C.; Helming | Environment | 2019 | Increasing foo | Biodiversity cc | Europe; agri-environ | Banse M., Var |
| Gocht A.; Britz W. | Farm Type E | 2013 | In this study, v | CAP reform; Fa | Common Agricultura | Armington P., |
| Schroeder L.A.; Gr | The Impact c | 2015 | We extend the | Computable g | Germany; Common | Synthesis of R |

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| Himics M.; Fellma | Setting Clima | 2020 | We quantitati | CAPRI model; Europe; Common Ag | Barreiro-Hurl |
| Choi H.S.; Jansson | European Ag | 2021 | The UK exited | Agricultural pc | United Kingdom; agr |
| Piketty M.G.; Wei | Assessing ag | 2009 | Brazil has sho | Agriculture; Br | Brazil; South Americ |
| Jansson T.; Säll S. | Environment | 2018 | Livestock caus | agricultural greenhouse gas emissic | Abadie L.M., |
| Kožar M.; Kempe | Flattening ar | 2012 | The paper pre | Agriculture; Common agricultural p | Armington P. |
| Berndt M.; Boyse | Implications | 2022 | In light of Russ | biofuels; CAPRI; CGE; DART; food s | Aguiar A., Nar |
| Offermann F.; Bar | Thünen Base | 2016 | This article pre | Agricultural policy; Germany; Impa | Armington P., |
| Offermann F.; Del | Thünen-Base | 2014 | This article pre | Agricultural pc | Suidae ATKIS-Objekta |
| Kiryluk-Dryjska E. | The Environr | 2022 | The Common | CAP; environn | Greenhouse gases; F Sadowski A., |
| Corona-López E.; | Water–food | 2021 | The Water–Fo | CAPRI; Crops; Agriculture; Food Su | Maja M.M., A |
| Potori N.; Himics | Socio-econo | 2023 | This paper pre | agricultural policy; cage ban; CAPRI | Evidence repo |
| Britz W.; Pérez-D | Analyzing re | 2015 | This article dis | Agriculture; Economic modelling; G | Banta E.R., M |
| Britz W.; Mittenz | Spatial dowr | 2013 | The recent bro | Agricultural policy; Indicators; Mult | Adler, Et al., ( |
| Jorge R.; Esperan | Medium-ter | 2010 | The challenge | Capri model; Common agricultural | Anania G., Et |
| Kožar M.; Erjavec | Introduction | 2011 | The paper pre | Agriculture/common agricultural p | Adenauer M., |
| Britz W.; Gocht A. | EU-Wide (Re | 2012 | This article inv | Common agricultural policy; Decou | Armington P. |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag Ahumada O., |
| Choi H.S.; Entenn | Land in the E | 2019 | The productio | Agriculture; Bi | Europe; Animalia; ag Alexandratos |
| Fischer G.; Frohbe | The basic lin | 1982 | The main aim of the Food and Agriculture Prograr | | FAO, Food an |
| Brandt J.A.; Bailey | Food costs a | 1991 | Alternative government stoc | | USA; Zea mays; drou Kinsey, 'Cons |
| Paloma S.G.Y.; Cia | The future o | 2013 | The objective | Agricultural pc | Europe; Common Ag Ahumada O., |
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| Le Roy D.G.; Elobe | The Impact c | 2011 | A customized version of the deterministic Food ar | | Canada: Grair |
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| Moss J.; Patton M | FAPRI-UK Mc | 2012 | The FAPRI-UK | Common agricultural policy; Trade | Best R.H., Lan |
| Furuya J.; Kobaya | Impact of glc | 2009 | Climatic chang | Global warmir | Glycine max; Zea ma Furuya J., Koy |
| Wiebe K.; Sulser T | Modeling bic | 2022 | Food systems | Agriculture; Climate; Development | Barrett C.B., E |
| Msangi S.; Enahor | Integrating li | 2014 | The various w | Agriculture; Fc | agricultural economi Bahta S., Mal |
| Rosegrant M.W.; | Food and nu | 2024 | Food and nutr | Food security; Global food system; | Ainsworth E.A |
| Sulser T.B.; Ringle | Green and bl | 2010 | Most food glo | Economic mo | Ganges Basin; Nile B Falkenmark F |
| Mason-D'Croz D.; | Gaps betwee | 2019 | Background: Current diets ar | | Crop Production; Die The state of f |
| Zhu T.; Ringler C. | Climate char | 2012 | This paper ana | Climate chang | Botswana; Limpopo Trenberth K.E |
| Mittenzwei K.; Pe | Combined ef | 2017 | Farmers are e | Agriculture; Cl | Norway; Phleum pra Asseng S., Ew |
| Salou T.; Le Mouë | Combining li | 2019 | Purpose: Num | Agricultural pc | agricultural policy; A Supply Balanc |
| Salou T.; van der | Could EU dai | 2017 | Since the 1st c | Dairy producti | France; Zea mays; C Barthelemy D |
| He S. | Modeling Ch | 2016 | Purpose: Chin | Agriculture support policy; China; P | Aubert C., Li X |
| Peterson E.B.; He | A critical ass | 1994 | We offer a crit | Agricultural pc | agricultural policy; a Azzam A.M., |
| Rossing W.A.H.; Z | Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Central Eur Barreteau O., |
| Stoorvogel J.J.; Ar | Trade-off an | 2004 | In this paper w | Agricultural la | Andes; Ecuador; Sou Antle J.M., Ca |
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| Weber M.; Schwa | Transformin | 2002 | The management of agricult | | agricultural trade; b Ashby W.R., A |
| Kopainsky B.; Trö | Designing Su | 2012 | Sub-Saharan A | Food security; Agriculture; Comput | Abadi Ghadim |
| Oudendag D.; Ho | Agent-based | 2014 | Gaining insigh | Agent Based M | Computational meth Bouamra-Me |
| Djanibekov N.; Bo | Prospects of | 2012 | The limited av | Cost recovery; Irrigation water use; | Abdolniyozov |
| Prudhomme R.; B | Assessing th | 2020 | The increased | Diet change; Land-use; Legume; Liv | Alexandratos |
| Kheirinejad S.; Bo | Developing a | 2024 | The pressing is | Agent-based Model; Food security; | Abbasi F., Soh |
| van Latesteijn H.C | Assessment | 1995 | In the case of | Agricultural pr | Europe, (West); agri de Koning, Ja |
| Rossing W.A.H.; Z | Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Central Eur Barreteau O., |
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| Sylvestre D.; Jean | Participatory | 2016 | Alternative ag | Agent-based n | Bouches du Rhone; ( Bezlepkina I., |

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| Huber R.; Bakker | Representati | 2018 | The use of agent-based mod | Europe; agricultural | Abdou M., Ha |
| Abduraupov R.; A | Modeling of | 2022 | Cotton is the r | Cotton; Drip ir | Aral Sea; Uzbekistan | Abdullaev I., D |
| Moncada J.A.; Jur | Exploring pa | 2017 | Biofuel produc | Agent-based n | Germany; Adaptive s | Borenstein S., |
| Marín Del Valle T. | Evaluation o | 2024 | The use of stra | Agent-based n | China; Agriculture; A | D'Amato D., D |
| Rozman Č.; Pažek | The dynamic | 2013 | In this paper a | Model; Organi | Slovenia; Computer | Acs S., Berent |
| Estacio I.; Sianipa | Impacts of sc | 2024 | The complexit | Farm successic | Cordillera Administra | Aguilar C.H.M |
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| Martínez-Fernánc | Sustainabilit | 2013 | In this work w | Agricultural-ur | Spain; Agriculture; C | Alberti M., Th |
| Walters J.P.; Arch | Exploring agi | 2016 | Agricultural pr | Agriculture pr | Crops; Environmenta | Archer D.W., |
| Mardani Najafaba | A new interv | 2023 | Meta-Goal Pro | Agroecosyster | Iran; Artificial intellig | Abdelkader A |
| Kung C.-C.; Wu T. | Influence of | 2021 | As climate cha | Efficiency; Opt | Agriculture; Climate | Guieysse B., E |
| Nidumolu U.B.; va | Combining ir | 2007 | An Interactive | Crop selection | Farm Crops; Income | Bojorquez-Ta |
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| Marvuglia A.; Reg | A return on e | 2017 | Agent-Based M | Agent-based n | Agriculture; Autonor | Astier M., Gar |
| Baustert P.; Bene | Uncertainty | 2017 | The evolution | Agent-based n | Autonomous agents | Alfaro J.F., Sh |
| Guo N.; Shi C.; Yar | Modeling ag | 2022 | With the incre | ABM; Agricult | Agriculture; Behavio | Ali A.M., Shaf |
| Bakam I.; Balana I | Cost-effectiv | 2012 | Market-based | Agent-based n | Scotland; United Kin | Bakam I., Mat |
| Salvini G.; Ligtenb | REDD+ and c | 2016 | Finding land u | Agent based n | Agriculture; Carbon; | Angelsen A., F |
| de Graaff J.; Duar | The future o | 2010 | Under the pas | Cross compliai | agricultural soil; Con | Beaufoy G., T |
| Delay E.; Piou C.; | The mountai | 2015 | The mountain | Agent based n | France; adaptive ma | Acevedo-Opa |
| Martínez-Paz J.M. | Assessment | 2019 | Traditional Me | Contingent val | Murcia [Murcia (ADS | Altieri M.A., N |
| Koleva N.G.; Schn | Pesticide ext | 2011 | This study use | Agricultural se | Glycine max; Zea ma | Agricultural C |
| Dace E.; Muizniec | Searching fo | 2015 | European Unic | Agricultural sy | Latvia; Agriculture; C | Barisa A., Ron |
| López i Losada R.; | Agent-Based | 2024 | Production of | Agent-based n | Sweden; Autonomo | AgriWise, Agr |
| Martínez-Jaramill | The effects c | 2019 | There has bee | Agro-fuel; Ene | Colombia; Agricultur | Zilberman D., |
| Gardas B.B.; Raut | A hybrid dec | 2019 | Agricultural su | Agricultural supply chain managem | | Ahumada O., |
| Musacchio L.R.; C | Landscape e | 2001 | A landscape e | Agricultural pc | Texas; United States | Barbier E.B., A |
| Berger T. | Agent-based | 2001 | This paper pre | Cellular autor | Chile; cellular autom | Balmann A., F |
| Barbier B. | Induced innc | 1998 | This paper intr | Agricultural pc | Burkina Faso; land d | Barbier B., Im |
| Bontkes T.S.; Van | Modelling th | 2003 | Policy making, | Land use anal | Mali; Animalia; agric | Barnett D., Bl |
| Migdalas A.; Baou | Sector mode | 2004 | Greece is a ma | Common agric | Agriculture; Cost eff | 40th Annivers |
| Lehtonen H. | Sector-level | 2012 | An agricultura | abatement costs; agricultural econ | | Sector level e |
| Findiastuti W.; Lal | Indonesian s | 2018 | In spite of beir | socioeconomic aspect; sustainable | | Abiyev H.R., U |
| Chen X.; Önal H. | Modeling ag | 2012 | Mathematical | Aggregation; A | agricultural economi | Adams R.M., |
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| Dunlop D.M.; Per | AN EXAMINA | 1995 | Subsidies to agricultural prod | Canada; Germany; N | | Guyomard H., |
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| Turner B.L.; Wuel | Developmen | 2016 | Land transforr | Computer sim | Agriculture; Decisior | Claassen R.F., |
| Shi T. | **Applying a h** | 2004 | This paper adv | Agricultural su | agricultural practice; | Antle J.M., Ca |
| Lloyd S.J.; Chalabi | Climate char | 2021 | Undernutrition is a major cor | Agriculture; Climate | | Pogge T, Polit |
| Nakagawa Y.; Yok | A social syste | 2023 | In paddy rice cultivation, the | Biological Evolution; | | Nguyen NV, F |
| Rivza P.; Mozga I. | Developmen | 2017 | The present re | Agriculture; D | Climate change; Clin | Rivza P., Berzi |
| Hadi A.H.; Suprihа | Sustainabilit | 2023 | This research a | design concep | agricultural modelin | Srivastava S.K |
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| Popp J.; Oláh J.; K | Food securit | 2019 | The state of gl | Food security; Policy analysis of Nig | | Abdelhedi I.T. |
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| Barons M.J.; Wals | A Decision Su | 2024 | The EU Green | Bayesian networks; EU Green Deal; | | Oerke E.C., Cr |
| Bartolini F.; Angel | Impacts of th | 2015 | The agricultur | Biogas; Comm | Biogas; Crops; Dynar | Wuebbles D.J |

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| Nurrochmat D.R.; | Transformat | 2021 | Agro-forest m | Agro-forest m | Barriers; Communica Marchi M., Fe |
| Winter E.; Grover | The effects c | 2021 | To meet policy | Agent-based n | England; Italy; Unite Farm to Fork |
| Kleftodimos G.; K | Examining Fa | 2022 | Nowadays, the | Bio-economic | agricultural policy; c Abas Z., Ragk |
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| Potori N.; Kovács | The commor | 2013 | In Hungary, th | Allocation of payments; CAP reforn | Arrow K.J., De |
| Huber R.; Iten A.; | Further deve | 2012 | The re-allocati | Agentbased modeling; Agricultural | Barth L., Lanz |
| Williams T.G.; Gui | Resilience ar | 2020 | Strategies aim | Agent-based n | Ethiopia; climate change; equity; fa |
| Berger T.; Troost | Agent-based | 2012 | Among model | Bioeconomic modelling; Mathemat | Balmann A., F |
| Vasisht A.K.; Kum | An integrate | 2007 | Developing countries are nov | Asia; Eurasia; Haryar | Aggarwal P.K. |
| Ciaian P.; Qineti A | European int | 2001 | This study tries to quantitativ | Slovakia; agricultura | Banse M., Ma |
| Balkan B.A.; Mera | Understandi | 2020 | Agricultural value chains refer to the set of actors | | Antonio L., Gr |
| Zgajnar J.; Stirn L. | THE USE OF | 2023 | In this paper, v | beef; CAP refo | Agriculture; Deterior Langrell S., Cia |
| Pertiwi S. | A system dyr | 2004 | The ever increasing world population and limited | | Forrester J.W |
| Parra Rivero O.; C | Characterisa | 2023 | During the last | Common Agricultural Policy; conve | Agencia de In |
| Zhang Y.; Huang K | Study on mo | 2012 | In this paper, v | agent-based m | Agriculture; Comput Farmer J.D., F |
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| Topping C.J. | Evaluation o | 2011 | Organic farmir | Abundance oc | Animals; Biodiversity (2010); Bengt |
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| Ben Fradj N.; Jaye | Contribution | 2020 | Synergies betv | Bioeconomy; C | Poland [Central Eurc Adams P., Lin |
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| Belem M.; Saqalli | Developmen | 2017 | This paper pre | Climate chang | Africa, Western; Agr Abdoulaye T., |
| Berger T.; Troost | Can smallhol | 2017 | Climate variab | C61; C63; D12 | Ethiopia; Eucalyptus Protocols for |
| Latynskiy E.; Berg | Assessment | 2014 | Agriculture an | Agent-based n | Agriculture; Carbon; (2014); (2014 |
| Webb S.B. | The impact c | 1981 | Seeks to estimate the upwar | | Zea mays; biomass energy; fuel pr |
| Rossing W.A.H.; Z | Integrative n | 2007 | This paper rev | Agro-ecology; | Benelux; Central Eur Barreteau O., |
| Veysset P.; Bebin | Adaptation t | 2005 | French suckler | Common agric | Bourgogne; Charolai Angirasa A.K., |
| Bryden J.M.; John | Modelling M | 2011 | This article reports an analysi | | Europe; Common Ag Balamou E., R |
| Aghabeygi M.; Lo | Impacts of fe | 2022 | The aim of this | agricultural policy; fertilizer subsidy | Annual Repor |
| Lobianco A.; Espo | The Regiona | 2010 | Regional Multi | Agent-based n | Italy; Agriculture; La Anton J., Scko |
| Mack G.; Huber R | On-farm con | 2017 | Grassland-bas | Compliance cc | Switzerland; Zea ma Agridea, Futte |
| Gilgen A.; Drobnil | Can agricultu | 2023 | Indicator-base | Agri-environmental indicators; Agri | Atzori R., Sha |
| Mack G.; Kohler A | Short- and Lo | 2019 | Following the | Agent-based s | Switzerland; agri-en Agridea Futte |
| Mann S.; Zimmer | What impact | 2012 | Politically ther | Direct payments; Economic modeli | Barth L., Lanz |
| Möhring A.; Mack | Vegetable gr | 2012 | The agent-bas | Agent-based modelling; Agricultura | Agrarinforma |

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|---|---|---|---|---|---|
| Mann S.; Ferjani A | What would | 2013 | Switzerland's l | Conversion; Modeling; Organic farr | Acs S., Berent |
| Kung C.-C.; McCar | Bioenergy pr | 2013 | Purpose-This s | Agricultural sustainable developme | Adams D.M., |
| Bauer S.; Kasnako | Non-linear p | 1990 | This paper exa | Non-linear programming models; S | Barnum, Squi |
| Dai E.; Ma L.; Yan | Agent-based | 2020 | Land change s | agent-based model; land change m | Allan R.J., Sur |
| Zavalloni M.; Ragg | Agricultural | 2015 | Conservation a | agent-based m | agricultural policy; ecosystem serv |

| Language | Cited b | DOI | LinkLinkLink | Model name | Mode class |
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| English | 135 | 10.101 | https://www | (Dyna-CLUE) | Landscape/watershed models |
| English | 36 | 10.101 | https://www | (Dyna-CLUE) | Landscape/watershed models |
| English | 23 | 10.101 | https://www | (Dyna-CLUE) | Landscape/watershed models |
| English | 135 | 10.101 | https://www | IMAGES | Landscape/watershed models |
| English | 36 | 10.101 | https://www | IMAGES | Landscape/watershed models |
| English | 16 | 10.101 | https://www | LANDSCAPE | Landscape/watershed models |
| English | 135 | 10.101 | https://www | MULBO | Landscape/watershed models |
| English | 6 | 10.339 | https://www | SWAT | Landscape/watershed models |
| English | 1 | | https://www | WBDSim | Landscape/watershed models |
| English | 5 | 10.100 | https://www | APEX | Landscape/watershed models |
| English | 5 | 10.396 | https://www | APEX | Landscape/watershed models |
| English | 5 | 10.396 | https://www | SWAT | Landscape/watershed models |
| English | 23 | 10.101 | https://www | 0 | Livestock systems |
| English | 0 | | https://www | 0 | Livestock systems |
| English | 52 | 10.101 | https://www | 0 | no class |
| English | 1 | 10.339 | https://www | 0 | no class |
| English | | 10.339 | https://www | 0 | no class |
| English | 0 | | https://www | 0 | no class |
| English | 6 | 10.100 | https://www | GRAFS | no class |
| English | 2 | 10.111 | https://www | 0 | Pest & disease models |
| English | 10 | 10.101 | https://www | WISH | Pest & disease models |
| English | 3 | 10.101 | https://www | 0 | Risk behaviour models |
| English | 21 | 10.111 | https://www | 0 | Risk behaviour models |
| English | 135 | 10.101 | https://www | POLEN | Risk behaviour models |
| English | 16 | 10.100 | https://www | 0 | Spatial equilibrium models |
| English | 4 | 10.101 | https://www | 0 | Spatial equilibrium models |
| English | 2 | 10.101 | https://www | 0 | Spatial equilibrium models |
| English | 46 | 10.101 | https://www | 0 | Spatial equilibrium models |
| English | 4 | 10.101 | https://www | 0 | Spatial equilibrium models |

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|---|---|---|---|---|---|
| English | 535 | 10.107 | https://www | 0 | Spatial equilibrium models |
| English | 0 | 10.108 | https://www | 0 | Spatial equilibrium models |
| English | 2 | 10.108 | https://www | 0 | Spatial equilibrium models |
| English | 2 | 10.108 | https://www | 0 | Spatial equilibrium models |
| English | 5 | 10.108 | https://www | 0 | Spatial equilibrium models |
| English | 13 | 10.109 | https://www | 0 | Spatial equilibrium models |
| English | 4 | 10.111 | https://www | 0 | Spatial equilibrium models |
| English | 16 | 10.111 | https://www | 0 | Spatial equilibrium models |
| English | 43 | 10.111 | https://www | 0 | Spatial equilibrium models |
| English | 1 | 10.111 | https://www | 0 | Spatial equilibrium models |
| English | 2 | 10.111 | https://www | 0 | Spatial equilibrium models |
| English | 2 | 10.117 | https://www | 0 | Spatial equilibrium models |
| English | 24 | 10.137 | https://www | 0 | Spatial equilibrium models |
| English | 2 | 10.172 | https://www | 0 | Spatial equilibrium models |
| English | 16 | 10.275 | https://www | 0 | Spatial equilibrium models |
| English | 3 | 10.339 | https://www | 0 | Spatial equilibrium models |
| English | 5 | | https://www | 0 | Spatial equilibrium models |
| English | 0 | | https://www | 0 | Spatial equilibrium models |
| English | 1 | | https://www | 0 | Spatial equilibrium models |
| English | 6 | | https://www | 0 | Spatial equilibrium models |
| undefine | 2 | | https://www | 0 | Spatial equilibrium models |
| English | 2 | | https://www | 0 | Spatial equilibrium models |
| English | 0 | | https://www | 0 | Spatial equilibrium models |
| English | 12 | 10.111 | https://www | M, VORSIM) | Spatial equilibrium models |
| English | 18 | 10.101 | https://www | glink-Cosimo | Spatial equilibrium models |
| English | 3 | | https://www | glink-Cosimo | Spatial equilibrium models |
| English | 0 | 10.100 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 18 | 10.101 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 2 | 10.111 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 7 | 10.155 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 14 | 10.213 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 4 | 10.322 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 1 | 10.322 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 2 | 10.339 | https://www | AGMEMOD | Spatial equilibrium models |
| English | 0 | | https://www | AGMEMOD | Spatial equilibrium models |
| English | 1 | | https://www | AGMEMOD | Spatial equilibrium models |
| English | 0 | | https://www | AGMEMOD | Spatial equilibrium models |
| English | 3 | 10.114 | https://www | ASMGHG | Spatial equilibrium models |
| English | 5 | 10.100 | https://www | CAPRI | Spatial equilibrium models |
| English | 41 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 80 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 75 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 28 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 17 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 7 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 18 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 11 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 18 | 10.101 | https://www | CAPRI | Spatial equilibrium models |
| English | 38 | 10.111 | https://www | CAPRI | Spatial equilibrium models |
| English | 16 | 10.111 | https://www | CAPRI | Spatial equilibrium models |

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|---|---|---|---|---|---|
| English | 17 | 10.111 | https://www | CAPRI | Spatial equilibrium models |
| English | 10 | 10.111 | https://www | CAPRI | Spatial equilibrium models |
| English | 6 | 10.111 | https://www | CAPRI | Spatial equilibrium models |
| English | 7 | 10.114 | https://www | CAPRI | Spatial equilibrium models |
| English | 1 | 10.172 | https://www | CAPRI | Spatial equilibrium models |
| English | 4 | 10.304 | https://www | CAPRI | Spatial equilibrium models |
| English | 4 | 10.322 | https://www | CAPRI | Spatial equilibrium models |
| English | 1 | 10.322 | https://www | CAPRI | Spatial equilibrium models |
| English | 5 | 10.339 | https://www | CAPRI | Spatial equilibrium models |
| English | 6 | 10.339 | https://www | CAPRI | Spatial equilibrium models |
| English | 1 | 10.789 | https://www | CAPRI | Spatial equilibrium models |
| English | 3 | | https://www | CAPRI | Spatial equilibrium models |
| English | 0 | | https://www | CAPRI | Spatial equilibrium models |
| English | 0 | | https://www | CAPRI | Spatial equilibrium models |
| English | 0 | | https://www | CAPRI | Spatial equilibrium models |
| English | 8 | | https://www | CAPRI | Spatial equilibrium models |
| English | 18 | 10.101 | https://www | ESIM | Spatial equilibrium models |
| English | 11 | 10.101 | https://www | ESIM | Spatial equilibrium models |
| English | 1 | 10.101 | https://www | FAP | Spatial equilibrium models |
| English | 0 | 10.101 | https://www | FAPRI | Spatial equilibrium models |
| English | 18 | 10.101 | https://www | FAPRI | Spatial equilibrium models |
| English | 10.101 | 10.101 | https://www | FAPRI | Spatial equilibrium models |
| English | 3 | 10.111 | https://www | FAPRI | Spatial equilibrium models |
| English | 19 | | https://www | FAPRI | Spatial equilibrium models |
| English | 3 | | https://www | FAPRI-UK | Spatial equilibrium models |
| English | 18 | 10.100 | https://www | IFPSIM | Spatial equilibrium models |
| English | 1 | 10.101 | https://www | IMPACT | Spatial equilibrium models |
| English | 19 | 10.101 | https://www | IMPACT | Spatial equilibrium models |
| English | 0 | 10.101 | https://www | IMPACT | Spatial equilibrium models |
| English | 51 | 10.101 | https://www | IMPACT | Spatial equilibrium models |
| English | 166 | 10.101 | https://www | IMPACT | Spatial equilibrium models |
| English | 41 | 10.339 | https://www | IMPACT | Spatial equilibrium models |
| English | 25 | 10.101 | https://www | Jordmod | Spatial equilibrium models |
| English | 4 | 10.100 | https://www | LATSIM-LUCA | Spatial equilibrium models |
| English | 20 | 10.101 | https://www | LATSIM-LUCA | Spatial equilibrium models |
| English | 3 | 10.110 | https://www | PEM | Spatial equilibrium models |
| English | 12 | 10.230 | https://www | SWOPSIM | Spatial equilibrium models |
| English | 135 | 10.101 | https://www | TOA-model | Spatial equilibrium models |
| English | 27 | 10.101 | https://www | TOA-model | Spatial equilibrium models |
| English | 18 | 10.101 | https://www | WFM | Spatial equilibrium models |
| English | 13 | 10.100 | https://www | 0 | Structural simulation models |
| English | 26 | 10.100 | https://www | 0 | Structural simulation models |
| English | 7 | 10.100 | https://www | 0 | Structural simulation models |
| English | 6 | 10.100 | https://www | 0 | Structural simulation models |
| English | 9 | 10.100 | https://www | 0 | Structural simulation models |
| English | 0 | 10.100 | https://www | 0 | Structural simulation models |
| English | 15 | 10.101 | https://www | 0 | Structural simulation models |
| English | 135 | 10.101 | https://www | 0 | Structural simulation models |
| English | 83 | 10.101 | https://www | 0 | Structural simulation models |
| English | 26 | 10.101 | https://www | 0 | Structural simulation models |

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|---|---|---|---|---|---|
| English | 16 | 10.101( | https://www | 0 | Structural simulation models |
| English | 105 | 10.101( | https://www | 0 | Structural simulation models |
| English | 4 | 10.101( | https://www | 0 | Structural simulation models |
| English | 19 | 10.101( | https://www | 0 | Structural simulation models |
| English | 0 | 10.101( | https://www | 0 | Structural simulation models |
| English | 23 | 10.101( | https://www | 0 | Structural simulation models |
| English | 0 | 10.101( | https://www | 0 | Structural simulation models |
| English | 2 | 10.101( | https://www | 0 | Structural simulation models |
| English | 24 | 10.101( | https://www | 0 | Structural simulation models |
| English | 127 | 10.101( | https://www | 0 | Structural simulation models |
| English | 2 | 10.101( | https://www | 0 | Structural simulation models |
| English | 10 | 10.101( | https://www | 0 | Structural simulation models |
| English | 24 | 10.101( | https://www | 0 | Structural simulation models |
| English | 40 | 10.101( | https://www | 0 | Structural simulation models |
| English | 38 | 10.101( | https://www | 0 | Structural simulation models |
| English | 50 | 10.101( | https://www | 0 | Structural simulation models |
| English | 6 | 10.101( | https://www | 0 | Structural simulation models |
| English | 35 | 10.101( | https://www | 0 | Structural simulation models |
| English | 31 | 10.101( | https://www | 0 | Structural simulation models |
| English | 42 | 10.101( | https://www | 0 | Structural simulation models |
| English | 14 | 10.101( | https://www | 0 | Structural simulation models |
| English | 26 | 10.101( | https://www | 0 | Structural simulation models |
| English | 11 | 10.101( | https://www | 0 | Structural simulation models |
| English | 52 | 10.101( | https://www | 0 | Structural simulation models |
| English | 0 | 10.101( | https://www | 0 | Structural simulation models |
| English | 25 | 10.101( | https://www | 0 | Structural simulation models |
| English | 79 | 10.101( | https://www | 0 | Structural simulation models |
| English | 28 | 10.101( | https://www | 0 | Structural simulation models |
| English | 482 | 10.101( | https://www | 0 | Structural simulation models |
| English | 55 | 10.101( | https://www | 0 | Structural simulation models |
| English | 40 | 10.101( | https://www | 0 | Structural simulation models |
| English | 7 | 10.101( | https://www | 0 | Structural simulation models |
| English | 12 | 10.108( | https://www | 0 | Structural simulation models |
| English | 12 | 10.108( | https://www | 0 | Structural simulation models |
| English | 53 | 10.109: | https://www | 0 | Structural simulation models |
| English | 0 | 10.110: | https://www | 0 | Structural simulation models |
| English | 0 | 10.111: | https://www | 0 | Structural simulation models |
| English | 37 | 10.111: | https://www | 0 | Structural simulation models |
| English | 14 | 10.111: | https://www | 0 | Structural simulation models |
| English | 8 | 10.117: | https://www | 0 | Structural simulation models |
| English | 6 | 10.137: | https://www | 0 | Structural simulation models |
| English | 0 | 10.137: | https://www | 0 | Structural simulation models |
| English | 1 | 10.177: | https://www | 0 | Structural simulation models |
| English | 0 | 10.182: | https://www | 0 | Structural simulation models |
| English | 2 | 10.183: | https://www | 0 | Structural simulation models |
| English | 71 | 10.230: | https://www | 0 | Structural simulation models |
| English | 19 | 10.248: | https://www | 0 | Structural simulation models |
| English | 6 | 10.330: | https://www | 0 | Structural simulation models |
| English | 0 | 10.339( | https://www | 0 | Structural simulation models |
| English | 16 | 10.339( | https://www | 0 | Structural simulation models |

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|---|---|---|---|---|---|
| English | 17 | 10.339( | https://www | 0 | Structural simulation models |
| English | 1 | 10.339( | https://www | 0 | Structural simulation models |
| English | 3 | 10.339( | https://www | 0 | Structural simulation models |
| English | 7 | 10.398( | https://www | 0 | Structural simulation models |
| English | 11 | 10.789( | https://www | 0 | Structural simulation models |
| English | 6 | | https://www | 0 | Structural simulation models |
| arming system; food security; smallhol | | | | 0 | Structural simulation models |
| English | 6 | | https://www | 0 | Structural simulation models |
| English | 6 | | https://www | 0 | Structural simulation models |
| Slovak | 2 | | https://www | 0 | Structural simulation models |
| English | 0 | | https://www | 0 | Structural simulation models |
| English | 0 | | https://www | 0 | Structural simulation models |
| English | 4 | | https://www | 0 | Structural simulation models |
| English | 0 | 10.339( | https://www | ORE project) | Structural simulation models |
| English | 0 | 10.100 | https://www | AAEM | Structural simulation models |
| English | 68 | 10.101( | https://www | AEP-SD | Structural simulation models |
| English | 75 | 10.100 | https://www | AgriPoliS | Structural simulation models |
| English | 7 | 10.111 | https://www | AgriPoliS | Structural simulation models |
| English | 104 | 10.101( | https://www | AISEEM | Structural simulation models |
| English | 10 | 10.101( | https://www | ALMaSS | Structural simulation models |
| English | 21 | 10.101( | https://www | ALMaSS | Structural simulation models |
| Lepus europaeus; Pisum sativum; agri- | | | | ALMaSS | Structural simulation models |
| English | 24 | 10.101( | https://www | ANEM | Structural simulation models |
| English | 20 | 10.100 | https://www | AROPAj | Structural simulation models |
| English | 51 | 10.101( | https://www | AROPAj | Structural simulation models |
| English | 18 | 10.101( | https://www | AROPAj | Structural simulation models |
| English | 10 | 10.101( | https://www | AROPAj | Structural simulation models |
| English | 14 | 10.100 | https://www | ASFF | Structural simulation models |
| English | 42 | 10.101( | https://www | CHANOS | Structural simulation models |
| English | 188 | 10.100( | https://www | GAPSIM | Structural simulation models |
| English | 6 | 10.339( | https://www | GFWS | Structural simulation models |
| English | 4 | 10.110 | https://www | KASM | Structural simulation models |
| English | 0 | | https://www | KASM | Structural simulation models |
| English | 18 | 10.101( | https://www | MAgPIE | Structural simulation models |
| English | 86 | 10.108 | https://www | MAgPIE | Structural simulation models |
| English | 2 | | https://www | edAction PSS | Structural simulation models |
| English | 15 | 10.101( | https://www | MOWASIA | Structural simulation models |
| English | 37 | 10.111 | https://www | MPMAS | Structural simulation models |
| English | 3 | | https://www | S + MONICA | Structural simulation models |
| English | 13 | 10.230 | https://www | NIRAP | Structural simulation models |
| English | 135 | 10.101( | https://www | Opt'INRA | Structural simulation models |
| English | 83 | 10.101( | https://www | Opt'INRA | Structural simulation models |
| English | 6 | 10.111 | https://www | POMMARD | Structural simulation models |
| English | 0 | 10.362 | https://www | RCP | Structural simulation models |
| English | 46 | 10.101( | https://www | RegMAS | Structural simulation models |
| English | 22 | 10.101( | https://www | SWISSLand | Structural simulation models |
| English | 2 | 10.109 | https://www | SWISSLand | Structural simulation models |
| English | 10 | 10.111 | https://www | SWISSLand | Structural simulation models |
| English | 5 | | https://www | SWISSLand | Structural simulation models |
| English | 4 | | https://www | SWISSLand | Structural simulation models |

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|---|---|---|---|---|---|
| English | 0 | | https://www | SWISSLand | Structural simulation models |
| English | 12 | 10.1108 | https://www | TASM | Structural simulation models |
| English | 17 | 10.1016 | https://www | sector model | Structural simulation models |
| English | 12 | 10.1007 | https://www | 0 | Structural simulation models |
| ice; landscape; modeling; nature conservation; rura | | | | | Structural simulation models |

In Phase 2, each article that was included in phase 1 goes through a quick analyze to extract the

| | |
|---|---|
| 1) name of the model(s), or "0" for "no name" | Column M |
| 2) class of the models, following the classification of Jones et al 2017 (cf infra) | Column N |

# Model classification (Jones et al. 2017)

| Class | Subclass |
|---|---|
| Cropping system and grassland models | |
| Reduced form summary crop models | |
| Livestock systems | Animal performance models, Integrated livestock systems models |
| Pest & disease models | Classic (empirical or mechanistic); near-future pest & disease models |
| Economic models | Farm management LP models |
| | Econometric production models |
| | Risk behaviour models |
| | Spatial equilibrium models |
| | Structural simulation models |
| | Calibrating optimization models |
| | Computable general equilibrium (CGE) models |
| | Integrated bio-economic models |
| Landscape/watershed models | |
| Aggregate agricultural systems models | |

| Explanation | | Documentation used to fill in the database. The most official and original | Class of the model, following the classification of Jones et al. (2017) | Level at which the model operates |
|---|---|---|---|---|
| **Model name** | **Full name** | **Reference_docume** | **Class** | **Geographical level** |
| SILAS-dyn | sectoral informatio | Malitius 2001, Zimr | Calibrating_optimization | National |
| DREMFIA | Dynamic REgional s | Lehtonen 2001, Leh | Calibrating_optimization | National |
| RAUMIS | Regional Agricultur | Henrichsmeyer 199 | Calibrating_optimization | National |
| AGRITALIM | AGRIcultural Territc | Cortignani 2022, Cc | Calibrating_optimization | National |
| FASOM-GHG | Forest and Agricult | Beach 2010 | Calibrating_optimization | National |
| SWAP California | StateWide Agricult | Draper 2003, Howit | Calibrating_optimization | Regional |
| MIRAGE-Biof | Modelling Internati | Laborde 2012 | CGE | Global |
| GTAP | Global Trade Analy | Corong 2017, Herte | CGE | Global |
| GTAP-AGR | Global Trade Analy | Keeney 2005 | CGE | Global |
| DART-BIO | Dynamic Applied R | Calzadilla 2016, He | CGE | Global |
| ENVISAGE | Environmental Imp | van der Mensbrugg | CGE | Global |
| MAGNET | Modular Applied G | Woltjer 2014, Philip | CGE | Global |
| RIAPA | Rural Investment a | Diao & Thurlow 20 | CGE | National |
| AGSIM | AGricultural SImula | Taylor 1994, Taylor | Econometric_production | National |
| CRAM | Canadian Regional | Wiborg 2000 | Econometric_production | National |
| FAPSIM | Food and Agricultu | Salathe 1982, Gads | Econometric_production | National |
| BFAP | Bureau for Food an | Strauss 2010, Gebr | Econometric_production | National |
| CEEMA | Canadian Economic | Liu 2014 | Econometric_production | National |
| CASM | Chinese Agricultura | Yi 2018 | Econometric_production | National |
| DIAS | Danish Integrated A | Wier 2001 | Econometric_production | National |
| LASAM | Latvian Agricultural | Pilvere 2022, Niper | Econometric_production | National |
| POLYSYS | Policy Analysis Syst | De La Torre Ugarte | Econometric_production | Regional |
| GLOBIOM | Global Biosphere M | IBF-IIASA 2023, glol | Integrated_bioeconomic | Global |
| GCAM | Global Change Anal | JGCRI 2023, Kyle 2( | Integrated_bioeconomic | Global |
| LUMOCAP | dynamic Land Use c | Van Delden 2010 | Integrated_bioeconomic | International |
| SEAMLESS-IF | System for Environ | van Ittersum 2008, | Integrated_bioeconomic | International |
| MATA | Multi-Level Analysi | Deybe 1998 | Integrated_bioeconomic | National |
| CEEOT-MMS | Comprehensive Ecc | Osei 2008 | Integrated_bioeconomic | National |
| ECECMOD | economics and eco | Vatn 1999, Vatn 20 | Integrated_bioeconomic | Regional |
| ITE2M | Integrated Tool for | Reiher 2006 | Integrated_bioeconomic | Regional |
| DeSurvey IAM | DeSurvey Integrate | Van Delden 2009 | Integrated_bioeconomic | Regional |
| MODAM | Multi-Objective De | Zander and Kachele | Integrated_bioeconomic | Regional |
| MEA-scope | Model of European | Zander 2009, CORD | Integrated_bioeconomic | Regional |
| IFPSIM | International Food | Furuya 2010 | Spatial_equilibrium | Global |
| FAPRI | Food and Agricultu | Fabiosa 2010, Mey | Spatial_equilibrium | Global |
| PEATSim | Partial Equilibrium | Somwaru 2012 | Spatial_equilibrium | Global |
| CCLS | Country-Commodit | Hjort 2018 | Spatial_equilibrium | Global |
| ESIM | European Simulatio | Banse 2005, Choi 2 | Spatial_equilibrium | Global |
| SWOPSIM | Static WOrld Policy | Roningen 1991, Pet | Spatial_equilibrium | Global |
| AGLINK-COSIMO | AGricultural LINKag | OECD-FAO 2022 | Spatial_equilibrium | Global |
| FAP | Food and Agricultu | Fischer 1982 | Spatial_equilibrium | Global |
| AGMEMOD | AGricultural MEmb | van Leeuwen 2012, | Spatial_equilibrium | International |
| CAPRI | Common Agricultur | CAPRI network 202 | Spatial_equilibrium | International |
| PEM | Policy Evaluation M | Martini 2011, Hend | Spatial_equilibrium | International |

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|---|---|---|---|---|
| IMPACT 3 | International Mode | Robinson 2015, Ros | Spatial_equilibrium | International |
| Jordmod II | JORDbruk MODel (J | Britz and Mittenzw | Spatial_equilibrium | National |
| Jordmod | JORDbruk MODel (J | Brunstad 2005, Bull | Spatial_equilibrium | National |
| MATSIM-LUCA | Market And Trade S | Forslund 2013, Salc | Spatial_equilibrium | National |
| FAPRI-UK | Food and Agricultur | Moss 2011, Moss 2 | Spatial_equilibrium | National |
| ASM-GHG | Agricultural Sector I | Schneider 2000, Scl | Spatial_equilibrium | National |
| TOA-model | Trade-Off Analysis r | Stoorvogel 2004, St | Spatial_equilibrium | Regional |
| MAgPIE 4 | Model of Agricultur | Dietrich 2019, Dietı | Structural_simulation | Global |
| AROPAj | Agriculture, recomp | Jayet 2023, Godard | Structural_simulation | International |
| MOWASIA | Model for West-Afr | Belem et Saqalli 20 | Structural_simulation | International |
| Turkish ASM | Turkish agricultural | Bauer 1990 | Structural_simulation | National |
| NIRAP 2 | National Interregio | Webb 1981, Abkin | Structural_simulation | National |
| SWISSLand | StrukturWandel Inf | Mohring 2016, Agr | Structural_simulation | National |
| RCP | Regional Crop Prog | Aghabeygi 2022 | Structural_simulation | National |
| KASM | Korean Agricultural | Abkin 1979 | Structural_simulation | National |
| TASM | Taiwan Agricultural | Chen 2005, Kung 2( | Structural_simulation | National |
| REAP | Regional Environme | Johansson 2007 | Structural_simulation | National |
| ASFF | Australian Stocks ar | Turner 2011, Candy | Structural_simulation | National |
| AAEM | agent-based agricul | Zhang 2012 | Structural_simulation | Regional |
| ANEM | Agent-based Nutrie | Zheng 2015 | Structural_simulation | Regional |
| MedAction PSS | Mediterranean Acti | Van Delden 2007 | Structural_simulation | Regional |
| SYNERGY | cross-Scale model u | Jouan 2020 | Structural_simulation | Regional |
| ALMaSS | Animal Landscape a | Topping 2003, Topp | Structural_simulation | Regional |
| AEP-SD | Agriculture-Effect-P | Li 2012 | Structural_simulation | Regional |
| RegMAS | Regional Multi-Age | Lobianco 2010 | Structural_simulation | Regional |
| POMMARD | Policy Model of Mu | Bryden 2008, Johns | Structural_simulation | Regional |
| AgriPoliS | Agricultural Policy S | Kellerman 2008, Za | Structural_simulation | Regional |
| GAPSIM | Southeastern Anato | Saysel 2002 | Structural_simulation | Regional |
| MPMAS | Mathematical Prog | Schreinemachers & | Structural_simulation | Regional |
| CHANOS | CHANgement d'Occ | Mialhe 2012 | Structural_simulation | Regional |
| AISEEM | Agricultural-Institut | Shi 2005 | Structural_simulation | Regional |

| For which region is the model designed or in which region was it implemented | Dynamic recursive or static comparative | Mathematical approach of the model | Economic approach of the model | Amount of crop sectors |
|---|---|---|---|---|
| **Geographical scope** | **Treatment of time** | **Mathematical_approach** | **Economic approach** | **Crop sectors** |
| Switzerland | Dynamic | LP | | 37 |
| Finland | Dynamic | PMP | | 14 |
| Germany | Static | MP | | 31 |
| Italy | Dynamic | PMP | | 11 |
| USA | Dynamic | NLP | | 40 |
| California, USA | NA | PMP | | 20 |
| World | Dynamic | | CGE | 136 |
| World | Static | NLP | CGE | 9 |
| World | Static | NLP | CGE | 9 |
| World | Dynamic | | CGE | 23 |
| World | Both | | CGE | Multiple |
| World | Both | NLP | CGE | 9 |
| 30 countries, mostl | Dynamic | | CGE | Multiple |
| US | Dynamic | econometric | | 8 |
| Canada | Static | PMP, econometric | PE | 12 |
| USA | Both | econometric | | 7 |
| South Africa | Dynamic | econometric | PE | 15 |
| Canada | Static | MP, econometric | PE | 12 |
| China | Dynamic | PMP | PE | 16 |
| Denmark | Static | econometric | PE | 13 |
| Latvia | Dynamic | econometric | | 10 |
| Multiple (US) | Dynamic | LP, econometric | | Multiple |
| World | Dynamic | LP | PE | 18 |
| World | Dynamic | | PE | 17 |
| EU | Dynamic | econometric | | 13 |
| EU | Static | meta-model | | Multiple |
| Burkina-Faso or any | Static | | PE | 3 |
| USA | Dynamic | LP | | Multiple |
| Norway | Dynamic | NLP | | 6 |
| Multiple (EU) | Static | meta-model | | Multiple |
| Multiple (arid regio | Dynamic | SD | | Multiple |
| Germany | Static | LP | | Multiple |
| 7 European regions | Both | meta-model | | Multiple |
| World | Static | | PE | 5 |
| World | Dynamic | MP, econometric | PE | 12 |
| 27 countries/region | Dynamic | | PE | 21 |
| 44 countries/regior | Dynamic | | PE | 15 |
| EU + Turkey, USA a | Static | | PE | 15 |
| World | Static | econometric | | Multiple |
| World | Dynamic | PMP | PE, MCM | 13 |
| World | Dynamic | | PE | Multiple |
| EU27 + UK + Russia | Dynamic | econometric | PE, MCM | 23 |
| EU + Norway + Turk | Static | PMP | PE | 34 |
| (7 OECD regions) U | Static | | PE | 10 |

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|---|---|---|---|---|---|
| 159 countries | Dynamic | NLP | PE | | 39 |
| Norway | Dynamic | | PE | | 12 |
| Norway | Static | MP | PE | Multiple | |
| France + World | Static | | PE | | 39 |
| UK | Dynamic | econometric | PE | | 5 |
| US + World | Static | MP | PE | | 23 |
| Multiple (undefinec | Dynamic | econometric | | | 16 |
| World | Dynamic | SD | | Multiple | |
| EU-28 | Static | MP | | | 32 |
| West-Africa | Dynamic | ABM | | Multiple | |
| Turkey | Static | MP | | | 50 |
| USA | Static | econometric | | | 23 |
| Switzerland | Dynamic | ABM | | | 13 |
| Iran | Static | PMP | | | 14 |
| Korea | Dynamic | SD | | | 12 |
| Taiwan | Static | MP, econometric | PE | | 60 |
| USA | Static | NLP | | | 10 |
| Australia | Dynamic | tensions model | | | 10 |
| China | Dynamic | ABM | | | 1 |
| Case study : Zhongj | Dynamic | ABM | | | 0 |
| Mediterranean regi | Dynamic | SD | | | 13 |
| France | Static | PMP | | | 11 |
| 12 European Count | Dynamic | ABM | | | 19 |
| Kongtong District, C | Dynamic | ABM, SD | | | 3 |
| Case study in Italy, I | Dynamic | ABM | | | 6 |
| Multiple (EU) | Dynamic | SD | | | 4 |
| Several case study r | Dynamic | ABM | | Multiple | |
| Southeastern Anatc | Dynamic | SD | | | 7 |
| Multiple (undefinec | Dynamic | ABM, MP | | Multiple | |
| Philippines | Dynamic | ABM | | | 3 |
| Case study : Jinshar | Dynamic | SD | | | 2 |

| Amount of animal sectors | Name of modules or submodels linled to the model | Main and prominent data sources used by the model | Name of the programme or programming language on which the model is implemented |
|---|---|---|---|
| **Animal sectors** | **Modules or submo** | **Data source** | **Programme or programming lan** |
| 17 | 0 | Swiss FADN | LPL (similar to GAMS) |
| 9 | technology diffusion, optimisation to maxi | | GAMS |
| 16 | 0 | FADN | FORTRAN |
| 8 | | FADN | |
| 25 | agriculture, forestr | USDA and other | GAMS |
| 0 | | | GAMS |
| 3 | | GTAP7 database, FAOSTAT | |
| 7 | | GTAP database | GEMPACK |
| 7 | | GTAP database | GEMPACK |
| 4 | CAPRI, RAUMIS | FAOSTAT, UNSD, BACI | database, CAPRI model |
| Multiple | | GTAP database | GAMS |
| 7 | | GTAP database, USDA | GEMPACK |
| Multiple | LEAS, Crop models | IFPRI Nexus SAM's | 0 |
| 7 | crop supply, crop demand, livestock | | |
| 6 | | | |
| 4 | crop, livestock | | |
| 11 | | SAGIS, SAFEX | |
| 6 | CRAM, GHGEM | | |
| 6 | | Data Compilation of Cl | GAMS |
| 6 | ADAM, ESMARALDA, NP | | |
| 8 | activity data, manu | Central Statistical Bure | R; Rstudio |
| Multiple | EPIC | | FORTRAN |
| 7 | EPIC, G4M | Eurostat, FAOSTAT, IP( | GAMS |
| 6 | MAGICC | | C++ |
| 4 | | Eurostat | GEONAMICA |
| Multiple | APES, FSSIM-AM, F | FADN, MARS | SEAMLESS-IF-GUI, MODCOM, GA |
| 1 | production, consun | 0 | |
| Multiple | APEX, FEM, SWAT | USDA Agricultural Cen | GAMS |
| 1 | process-based modules for N, farm manag | | Powersim |
| 1 | ProLand, CHOICE, ATOMIS, SWAT, GEPARD, ProF | | |
| 0 | | | GEONAMICA |
| Multiple | | 6 databases | |
| Multiple | MODAM, AgriPoliS, | FADN & other | |
| 0 | World Food Model, | GHCN ; DDC of the IPC | FORTRAN 90 |
| 7 | | FAO, EU, USDA, UNICA | GAMS |
| 10 | | | |
| 5 | | | |
| 6 | | Eurostat, FAPRI, AGRIS | GAMS |
| Multiple | | USDA | Spreadsheet (MS Excel ?) |
| 9 | | | PC-TROLL, Excel, GAMS |
| Multiple | national policy, national supply, national demand, international trade | | |
| 13 | | Eurostat, FAPRI, natior | GAMS |
| 16 | market (global), su | EUROSTAT, FAOSTAT, | GAMS |
| 3 | | | |

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|---|---|---|---|---|
| | 6 | climate, water dem | OECD, FAO, CIA World | GAMS, FORTRAN, Excel |
| | 6 | market, farms | | GAMS, CONOPT, PATH |
| Multiple | | supply module; ma | BFJ, NILF | |
| | 7 | / | PSD (USDA), FAOSTAT, | AGRESTE, Eurostat, ESP (OECD), |
| | 5 | 4 countries of the UK | (Wales, England, Sco | GAMS |
| | 15 | EPIC, GHGE | | |
| | 1 | crop model, economic model, environmer | | Own software, on SAS ? |
| | 5 | | | R ; GAMS |
| | 31 | STICS | FADN, MARS, Europea | GNU, R, GAMS |
| Multiple | | CaTMas (ABM) + Fa | FAOSTAT, UNDP, (Youl | OpenMi + Mimosa platforms |
| | 7 | | | 0 |
| | 8 | | | |
| | 15 | supply module; der | Swiss FADN | |
| | 0 | | Iranian Agriculture Ministry-Jihad (IMAJ) | |
| | 5 | POPMIG, CHANGE, | Ministry of Agriculture and Fisheries (MAF) | |
| | 7 | | | |
| | 14 | EPIC | | GAMS |
| | 6 | | | |
| | 0 | | | |
| | 1 | | | MATLAB |
| | 0 | climate&weather, land use, water manege | | GEONAMICA, C++ |
| | 2 | animal, feeding, cropping, environmental, | | fertilization |
| | 2 | landscape model, animal models | | C++ |
| | 1 | agriculture, effect, | Field investigation (int | Vensim |
| | 0 | | | C++, GLPK |
| | 4 | initial conditions, la | surveys + other data | STELLA (TM) |
| Multiple | | | | C++ |
| | 1 | population, erosion, livestock and rangelar | | STELLA (TM) |
| Multiple | | ABM + biophysical | default dataset | MS Office Excel + IBM OSL, langu |
| | 0 | | | NetLogo |
| | 1 | economic, social, e | semi-directed intervie | STELLA (TM) |

| Has the model a dedicated user interface | Institutions that participated to the development of the model | Institutions that participated to the fundind of the model |
|---|---|---|
| **UI** | **Developing institution** | **Funding institution** |
| 1 | Agroscope (Switzerland) | |
| 0 | Helsinki University of Technology (Finland), M | Finland |
| 0 | UniBonn/EuroCARE, Thunen Institute | Germany |
| 0 | University of Tuscia (Italy) | |
| 0 | RTI International, Oregon State University, Te | US (US EPA) |
| 0 | U.C. Davis | California (Department of Water R |
| 0 | CEPII, IFPRI, IIASA, INRAE, AgroParisTech | EU |
| 1 | CGTA - Purdue University | |
| 1 | CGTA - Purdue University | |
| 0 | Kiel Institute for the World Economy (German | Germany (BMBF) |
| 0 | World Bank, OECD, CGTA - Purdue University (US) | |
| 0 | EU (JRC), WUR | |
| 0 | IFPRI | US (USAID), Bill & Melinda Gates F |
| 0 | Texas A&M, Auburn University | USDA, ALFA |
| 0 | University of British Columbia, Agriculture and | Agriculture and Agri-Food Canada |
| 0 | USDA (ERS) | |
| 0 | SABMiller, BFAP | |
| 0 | Beijing University of Technology, Agriculture a | Agriculture and Agri-Food Canada |
| 0 | Nainjing Agricultural University, Texas A&M | China |
| 0 | Institute of Local Government Studies (Denmark), Aarhus University (Denmark) | |
| 11 | Latvia University of Life Sciences and Technolc | Latvia |
| 1 | USDA (ERS), University of Tennessee, Oklahoma State University | |
| 1 | IIASA | |
| 1 | PNNL, University of Maryland | US (USDE) |
| 1 | RIKS, EU (JRC) | EU |
| 11 | WUR, UniBonn/EuroCARE, CIRAD, INRAE | EU (FP6) |
| 0 | CIRAD | |
| 1 | TIAER | US (US EPA) |
| 0 | Norwegian University of Life Sciences | Norway |
| 0 | Justus-Liebig-University | Germany (DFG) |
| 1 | RIKS | EU (FP6) |
| 0 | ZALF | Germany |
| 111 | ZALF, IAMO | EU |
| 0 | JIRCAS, FAPRI | Japan |
| 0 | FAPRI - University of Missouri & Iowa State Ur | US |
| 0 | USDA (ERS) | |
| 0 | USDA (ERS) | |
| 1 | USDA (ERS), University of Göttingen, SLU | EU (DG AGRI), USDA |
| 0 | USDA (ERS), Virginia Polytechnic Institute and State University, Purdue University | |
| 1 | OECD, FAO | |
| 0 | IIASA | |
| 1 | WUR, Teagasc (Ireland), Latvia State Institute | EU |
| 1 | UniBonn/EuroCARE, Thunen Institute, SLU, EU | EU |
| 1 | OECD | |

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|---|---|---|
| 1 | IFPRI | |
| 1 | NILF, UniBonn/EuroCARE | Norway |
| 0 | NILF, Norwegian School of Economics and Bus | Norway |
| 0 | ADEME, INRAE | France (ADEME, INRAE) |
| 0 | FAPRI - University of Missouri & Iowa State Ur | UK |
| 0 | Hamburg University, Texas A&M, University o | EU (FP7) |
| 1 | Montana State University, WUR, CIP | ISNAR, US (USAID), IDRC/CGIAR |
| 0 | PIK, ATB | EU, Germany |
| 1 | INRAE, AgroParisTech, EU (JRC) | EU, France |
| 0 | WASCAL, CNRS | Germany |
| 0 | UniBonn/EuroCARE, Middle East Technical University | |
| 0 | USDA (ERS), University of Michigan | |
| 1 | Agroscope (Switzerland) | |
| 0 | Università degli Studi di Parma, EU (JRC), INRAE | |
| 0 | USDA, Michigan State University | Korea |
| 0 | National Chung-Hsing University, National Tai | Taiwan (National Science Council) |
| 1 | USDA (ERS) | |
| 0 | CSIRO, University of Melbourne, whatIf Techn | Australia |
| 1 | National University of Defense Technology (China) | |
| 0 | China (Ministry of Transports), Tsinghua Unive | China, Netherlands |
| 1 | RIKS, King's College London | EU |
| 0 | INRAE | France (2 regions : Brittany and Pa |
| 0 | Aarhus University (Denmark), Roskilde University (Denmark) | |
| 0 | Chinese Academy of Sciences (China) | China |
| 1 | Università Politecnica delle Marche | |
| 1 | UHI Millennium Institute, NILF, University of M | EU (FP6) |
| 0 | IAMO, ZALF | |
| 0 | Bogazici University | |
| 1 | Universitat Hohenheim | Germany |
| 1 | Université Paris Diderot 7 (France), Facultés Universitaires Notre Dame de la Paix | |
| 111 | CSIRO, University of New England (Australia) | |

| Eventual research project or modeling network around the model | P1&E1 Greenhouse gas emissions | P2&E4 Biodiversity | P3 Ozon |
|---|---|---|---|
| **Network or project** | **Climate change** | **Biosphere** | **Ozon layer** |
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| SUSAGFU project | 1 | 0 | 0 |
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| esources) | 0 | 0 | 0 |
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| GTAP Consortium | 0 | 0 | 0 |
| GTAP Consortium | 0 | 0 | 0 |
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| MAGNET Consortium | 1 | 0 | 0 |
| oundation, CGIAR | 1 | 0 | 0 |
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| PERD project | 1 | 0 | 1 |
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| LUMOCAP project | 1 | 0 | 0 |
| SEAMLESS integrated project | 1 | 1 | 0 |
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| DeSurvey Project | 0 | 1 | 0 |
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| AGMEMOD network | 0 | 0 | 0 |
| CAPRI network | 1 | 0 | 1 |
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| SIM4NEXUS | 1 | 1 | 1 |
| GENEDEC project (FP6) | 1 | 0 | 1 |
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| SURE project (http://sure.ernasia.( | 0 | 0 | 0 |
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| ys de Loire), EU (European Agricult | 0 | 0 | 0 |
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| TOP-MARD project | 1 | 1 | 0 |
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| : (Belgium) | 0 | 1 | 0 |
| | 0 | 1 | 0 |

| P4 Ocean acidification | P5 P & N cycle | P6 LULUC | E3 Soil & land | P7&E2 Water use (water use & water quality) |
|---|---|---|---|---|
| **Ocean** | **P & N cycle (P5)** | **Land use change** | **Soil & land (E3)** | **Water use** |
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| P8&E1 Aerosol<br><br>(agr. Waste burning) | P9 Novel entities<br><br>(pollution chimique & non- | E5 Materials and energy<br><br>(Pesticides, | E6 Animal Welfare<br><br>(health & | G1 Corporate Ethics<br><br>(valeurs et objectifs de |
|---|---|---|---|---|
| **Atmospheric** | **Novel entities (P9)** | **Materials and** | **Animal Welfare** | **Corporate Ethics** |
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| G2 Accountability (sustainability data collection) | G3 Participation (dialogue & résolution de | G4 Rule of law (respect des règles en interne | G5 Sustainability management (management | C1 Investment & profitability (income, market |
|---|---|---|---|---|
| **Accountability** | **Participation (G3)** | **Rule of law (G4)** | **Sustainability** | **Investment &** |
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| C2 Vulnerability (supply & demand stability, risk & | C3 Product Quality & Information | C4 Local economy Local employment, | S1 Decent life (qualité de la vie & nutrition, | S2 Fair trade (négociations équitables avec |
|---|---|---|---|---|
| **Vulnerability (C2)** | **Product Quality &** | **Local economy** | **Decent life (S1)** | **Fair trade (S2)** |
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| 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
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| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |

| | | | | |
|---|---|---|---|---|
| 1 | 0 | 1 | 1 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 1 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 |
| 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 1 | 0 |
| 1 | 0 | 1 | 1 | 0 |

| S3 Labor rights (contrat de travail, pas de | S4 Equity (pas de discimination, | S5 Human Safety & Health (workspace | S6 Cultural diversity (indigenous | Number of included environmental themes divided by total number of |
|---|---|---|---|---|
| **Labor rights (S3)** | **Equity (S4)** | **Human Safety &** | **Cultural diversity** | **Score_Env** |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.666666667 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.75 |
| 0 | 0 | 0 | 0 | 0.25 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.25 |
| 0 | 0 | 0 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 1 | 1 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.25 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0.083333333 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.083333333 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.583333333 |
| 0 | 0 | 0 | 0 | 0.25 |
| 0 | 1 | 0 | 0 | 0.666666667 |
| 0 | 0 | 0 | 0 | 0.25 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.75 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0.083333333 |
| 0 | 0 | 0 | 0 | 0.083333333 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.083333333 |
| 0 | 0 | 0 | 0 | 0.666666667 |
| 0 | 0 | 0 | 0 | 0.416666667 |

| | | | | |
|---|---|---|---|---|
| 0 | 0 | 1 | 0 | 0.583333333 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.583333333 |
| 0 | 0 | 1 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.75 |
| 0 | 0 | 0 | 0 | 0.75 |
| 0 | 1 | 1 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.25 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.583333333 |
| 0 | 0 | 0 | 0 | 0.583333333 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.583333333 |
| 0 | 0 | 0 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.166666667 |
| 0 | 0 | 0 | 0 | 0.416666667 |
| 0 | 0 | 0 | 0 | 0.583333333 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.5 |
| 0 | 0 | 0 | 0 | 0.333333333 |
| 0 | 0 | 0 | 0 | 0.416666667 |

| Number of included governemental themes divided by total number of | Number of included economic themes divided by total number of | Number of included social themes divided by total number of social themes | The total score is the sum of the four scores of each dimension, with each score |
|---|---|---|---|
| **Score_Gov** | **Score_Eco** | **Score_Soc** | **Total score** |
| 0 | 0.25 | 0 | 0.416666667 |
| 0 | 0.25 | 0 | 0.75 |
| 0 | 0.25 | 0 | 0.916666667 |
| 0 | 0.5 | 0 | 1 |
| 0 | 0.5 | 0 | **1.25** |
| 0 | 0.5 | 0 | 0.75 |
| 0 | 0 | 0 | 0.333333333 |
| 0 | 0.5 | 0 | 0.5 |
| 0 | 0.5 | 0 | 0.666666667 |
| 0 | 0.5 | 0 | 0.75 |
| 0 | 0.5 | 0 | 0.916666667 |
| 0 | 0.5 | 0.166666667 | 1 |
| 0 | 0.5 | 0.5 | **1.416666667** |
| 0 | 0 | 0 | 0.25 |
| 0 | 0.25 | 0 | 0.25 |
| 0 | 0.25 | 0 | 0.333333333 |
| 0 | 0.25 | 0 | 0.416666667 |
| 0 | 0.25 | 0 | 0.583333333 |
| 0 | 0.5 | 0.166666667 | 0.75 |
| 0 | 0.5 | 0 | 1 |
| 0.2 | 0.5 | 0 | 1.2 |
| 0.2 | 0.5 | 0.166666667 | **1.366666667** |
| 0.2 | 0 | 0 | 0.7 |
| 0.2 | 0.25 | 0 | 1.033333333 |
| 0 | 0.5 | 0 | 0.75 |
| 0.2 | 0.5 | 0.333333333 | **1.7** |
| 0 | 0.5 | 0.166666667 | 0.916666667 |
| 0.2 | 0.5 | 0 | 1.2 |
| 0.2 | 0.25 | 0 | 0.866666667 |
| 0.2 | 0.25 | 0 | 0.95 |
| 0.2 | 0.5 | 0 | 1.033333333 |
| 0.2 | 0.5 | 0 | 1.2 |
| 0.2 | 0.5 | 0 | 1.45 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0.083333333 |
| 0 | 0 | 0 | 0.083333333 |
| 0 | 0 | 0 | 0.166666667 |
| 0 | 0.25 | 0 | 0.25 |
| 0 | 0.25 | 0 | 0.25 |
| 0 | 0 | 0.166666667 | 0.5 |
| 0 | 0.5 | 0 | 0.666666667 |
| 0 | 0 | 0 | 0.083333333 |
| 0 | 0.25 | 0 | 0.916666667 |
| 0 | 0.5 | 0 | 0.916666667 |

| | | | |
|---|---|---|---|
| 0.2 | 0.75 | 0.333333333 | 1.866666667 |
| 0 | 0.25 | 0 | 0.25 |
| 0 | 0.25 | 0 | 0.583333333 |
| 0 | 0.25 | 0 | 0.583333333 |
| 0 | 0.25 | 0 | 0.75 |
| 0 | 0.5 | 0 | 1.083333333 |
| 0.2 | 0.5 | 0.166666667 | 1.283333333 |
| 0 | 0.25 | 0.166666667 | 1.166666667 |
| 0.2 | 0.5 | 0 | 1.45 |
| 0.2 | 0.75 | 0.5 | 1.866666667 |
| 0 | 0 | 0 | 0.166666667 |
| 0 | 0.5 | 0 | 0.666666667 |
| 0 | 0.5 | 0 | 0.75 |
| 0 | 0.5 | 0 | 0.833333333 |
| 0 | 0.5 | 0.166666667 | 1.083333333 |
| 0 | 0.75 | 0 | 1.166666667 |
| 0.2 | 0.5 | 0 | 1.283333333 |
| 0.2 | 0.75 | 0 | 1.533333333 |
| 0 | 0.5 | 0 | 0.5 |
| 0.2 | 0 | 0.166666667 | 0.533333333 |
| 0.2 | 0.25 | 0 | 0.783333333 |
| 0.2 | 0.25 | 0 | 0.783333333 |
| 0.2 | 0 | 0 | 0.783333333 |
| 0.2 | 0.25 | 0 | 0.866666667 |
| 0.2 | 0.5 | 0 | 0.866666667 |
| 0 | 0.5 | 0 | 0.916666667 |
| 0 | 0.5 | 0 | 1.083333333 |
| 0 | 0.5 | 0.166666667 | 1.166666667 |
| 0.2 | 0.5 | 0.166666667 | 1.366666667 |
| 0.2 | 0.75 | 0.166666667 | 1.45 |
| 0.2 | 0.75 | 0.166666667 | 1.533333333 |

In Phase 3, only the models with a name (cf Phase 2) are kept

The models are analyzed in-depth to collect data on their parameters and variables.

(Parameters are fixed and exogenous values, while variables are variable and endogenous values of the model). A "yes" (cf infra) is attributed if either a variable or parameter for the concerned topic is included in the model

In columns A to O, general data about the model is collected
In columns P to R, information about the actors of the model development annd funding is collectec
In columns S to AX the inclusion of the Planetary Boundaries and SAFA themes is analyzed
Line A contains explanations for each columns

0 means "no"
1 means "yes"
"x" is used when a model does not match the inclusion criteria

Column C contains the reference documents and articles that where used to analyze the model. The most official and original documents possible are used. When only the cell contains an author-date format, the reference can be found in the sheet "References"

| | |
|---|---|
| PE | partial equilibrium |
| CGE | computable general equilibrium |
| MCM | multi-commodity model |
| MP | mathematical programming |
| LP | linear programming |
| NLP | non-linear programming |
| PMP | positive mathematical programming |
| SD | system dynamics |
| ABM | agent-based model |
| SEM | strctural equation modeling |

| | |
|---|---|
| 0 | no |
| 1 | yes |
| 2 | other or "?" |

**Institution**

| | |
|---|---|
| AAFC Canada | Agriculture and Agri-Food Canada |
| Aarhus University | Aarhus University |
| ADAS Research Institute | 0 |
| ADEME | French Agency for Ecological Transition |
| AGMEMOD network | WUR + Thunen Institute |
| Agroscope | 0 |
| ALFA | Alabama Farmers Federation |
| ATB | Leibniz Institute for Agricultural Engineering and Bioeconomy |
| BFAP | Bureau for Food and Agricultural Policy, University of Pretoria, South Africa |
| BMBF | German Ministry of Education and Research |
| BMGF | Bill & Melinda Gates Foundation |
| Bogazici University | 0 |
| California | 0 |
| CAPRI Network | Common Agricultural Policy |
| CEPII | Center for Prospective Studies and International Information |
| CGIAR | Consultative Group for International Agricultural Research |
| CGTA | Center for Global Trade Analysis (Purdue University) |
| China | 0 |
| CIP | International Potato Center |
| CIRAD | French Agricultural Research Center for International Development |
| CNRS | Centre National de Recherche Scientifique (France) |
| CSIRO | Commonwealth Scientific and Industrial Research Organisation |
| Denmark | Government or Ministry of Denmark |
| DFG | German Research Foundation |
| EC | European Commission |
| FAO | Food and Agriculture Office of the United Nations |
| FAPRI | Food and Agriculture Policy Research Institute |
| FAT | Swiss Federal Research Station for Agricultural Economics and Engineering |
| Finland | Government or Ministry of Finland |
| FUNDP | Facultés Universitaires Notre Dame de la Paix |

| | |
|---|---|
| GENEDEC Project | 0 |
| GTAP Consortium | Global Trade Analysis Project consortium |
| IAMO | Leibniz Institute of Agricultural Development in Central and Eastern Europe |
| IDRC | International Development Research Centre |
| IFPRI | International Food Policy Research Institute |
| IIASA | International Institute for Applied Systems Analysis |
| INRAE | National Research Institute for Agriculture, Food and the Environment |
| ISNAR | International Service to National Agricultural Research |
| ISU | Iowa State University |
| Italy | 0 |
| Japan | Japanese governmental institutions |
| JIRCAS | Japan International Research Center for Agricultural Sciences |
| Kiel Institute for the Wo | 0 |
| Latvia University of Life S | 0 |
| Michigan State Universit | 0 |
| Nainjing Agricultural Uni | 0 |
| National Chung-Hsing Ur | 0 |
| National Taiwan Univers | 0 |
| National University of De | 0 |
| Netherlands | Dutch governmental institutions |
| NILF | Norwegian Agricultural Economics Research Institute, Ministry of Agriculture |
| Norwegian University of | Life Sciences |
| OECD | Organisation for Economic Co-operation and Development |
| PIK | Potsdam Institute for Climate Impact Research |
| PNNL | Pacific Northwest National Laboratory |
| RIKS | Research Institute for Knowledge Systems |
| RTI | Research Triangle Institute |
| Switzerland | Swiss governmental institutions |
| Texas A&M | 0 |
| The University of Tennes | 0 |
| Thunen Institute | Thunen Institute (German Federal Ministry of Food and Agriculture BMEL) |
| TIAER | Texas Institute for Applied Environmental Research |
| TOP-MARD project | Towards a Policy Model of Multifunctional Agriculture and Rural Development |
| UCDavis | University of California Davis |
| UniBonn | University of Bonn |
| UnivPM | Università Politecnica delle Marche |
| Universität Hohenheim | 0 |
| Université Paris Diderot | 0 |
| University of Missouri | University of Missouri |
| UnivPM | Università Politecnica delle Marche |
| USAID | United States |
| USDA | United States Department of Agriculture |
| USDE | US Department of Energy |
| WASCAL | West African Science Service Center on Climate Change and Adapted Land Use Competence Center |
| World Bank | World Bank |
| WUR | Wageningen University & Research |
| ZALF | Leibniz-Centre for Agricultural Landscape Research |

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