Factors of success and failure in the transition into agroforestry

1. Using a system innovation’s approach for stimulating agroforestry adoption
   
   Cuperus F, Schoutsen M, Sukkel W, Selin Noren I, Wijnands F

2. Constraints towards organic conversion in agroforestry systems: the case of dehesa livestock farms in Extremadura (SW Spain)
   

3. Exploring the economic potential of two food forest farms in The Netherlands
   
   Oosterhof G, Masselink S, Van Dorp D, Van Dooren N, Eweg R, Stobbelaar DJ

Costs and revenues of agroforestry on the scale of the individual farm, a region and a state; proven practice and theoretical models

4. Agroforestry network in Brabant, The Netherlands: how farmers develop a new sustainable and economically rentable farming system and how they can contribute to regional ecosystem functions
   
   Rombouts P, LuskeB, Vonk M, van Veluw K
Agroforestry policies

5. Agricultural wood as an ecological focus area: conventional German farmers’ attitudes
   Drittler L, Theuvsen L

6. Agroforestry can mitigate environmental problems in European agricultural deficit areas
   Kay S, Roces-Díaz J, Crous-Duran J, Giannitsopoulos M, Graves A, den Herder M,
   Moreno G, Mosquera-Losada MR, Pantera A, Palma J, Szerencsits E, Herzog F

7. Agroforestry definitions and practices for policy makers
   Mosquera-Losada MR, Santiago-Freijanes JJ, Moreno G, den Herder M, Aldrey JA,
   Rois-Díaz M, Ferreiro-Domínguez N, Pantera A, Rigueiro-Rodríguez A

8. Agroforestry and the environment in the future European CAP
   Mosquera-Losada MR, Santiago-Freijanes JJ, Aldrey JA, Rois-Díaz M, Ferreiro-
   Domínguez N, Pantera A, Rigueiro-Rodríguez A

9. Rural development as Pillar II to foster agroforestry
   Mosquera-Losada MR, Santiago-Freijanes JJ, Aldrey JA, Rois-Díaz M, Ferreiro-
   Domínguez N, Rigueiro-Rodríguez A

10. Linear woody features on homegardens in European Union
    Santiago-Freijanes JJ, Aldrey-Vázquez JA, Rigueiro-Rodríguez A, Mosquera-Losada
    MR

11. Homegardens: agriculture in the city as an agroforestry practice
    Santiago-Freijanes JJ, Mosquera-Losada MR, Aldrey-Vázquez JA, Rigueiro-Rodríguez
    A

Agroforestry as a form of sustainable land use to fight against climate change

12. Hedgerow agroforestry in England and Waller: increasing width to sequester additional
    carbon
    Axe MS, Grange ID, Conway JS

13. Temporal comparison of greenhouse gas emissions between four different riparian
    land-use types in Southern Ontario, Canada
    Baskerville M, De Carlo N, Oelbermann M

14. Can agroforestry improve soil water and temperature dynamics in agriculture? A case
    study with syntropic farming in Bahia, Brazil
    Damant G, Villela F

15. Carbon storage in the soil under different land uses in the South of Portugal
    Ferreiro-Domínguez N, Palma JHN, Paulo JA, Rigueiro-Rodríguez A, Mosquera-Losada
    MR
16. Microclimate of a special shelterbelt system under arid site conditions in Hungary
   Honfy V, Bakti B, Borovics A, Rásó J, Keserű Z

17. Soil erosion risk and agroforestry implementation in Tuscany: locating best practices for vulnerability management with a GIS-based scenario approach
   Mantino A, Volpi I, Dragoni, Cappucci A, Mele M, Bonari E, Pecchioni G, Annecchini F, Ragaglini G

18. Silvopastoral agroforestry – an option to support sustainable grassland intensification
   McAdam JH, Olave R, Fornara D

19. Comparison of observed data and high-resolution regional climate simulations for process based modelling
   Palma JHN, Cardoso RM, Soares PMM, Oliveira TS, Tomé M

20. Development of multi-use concepts to fight against climate change in the project MUNTER
   Wagener F, Böhmer J, Seiler S, Thomas K, Plogmacher A

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**Wednesday-30th May 2018**

**11h00-12h00: Poster Session 2**

**Testimonies of farmers from Europe**

21. Janmiekeshoeve: an organic dairy farm in transition to a biodiverse agroforestry system
   Heesakkers J

**Environmental benefits of agroforestry**

22. Agroforestry system benefits to environment: arbon stock, biomass production between rows and soil attributes
   Abdo MTVN, Siqueira CCZ, Chiba MK, Santos GXL, Rotta M, Rosa JM, Martins ALM, Pissarra TCT, Fabri EG, Chaves TH

23. Hedgerows as form of agroforestry to sequester and store carbon in agricultural landscapes: a review
   Blair J, Olave R, McAdam J

24. Agroforestry systems as alternative for conserving native plant species and improving agro-ecological knowledge
   Cadena González AL, Buttscheidt T

25. Impact of trees on soil nitrogen dynamics in temperate silvoarable agroforestry systems
26. Time and crops influences on carabids taxonomic and functional diversities within a pesticide-free agroforestry cropping system
   

27. Exploring the relationships among bio-physical and socio-cultural ecosystem services of agroforestry systems across Europe
   

28. A multi-factorial sustainability assessment of five European agroforestry farms
   

29. Agroforestry practices for water quality and quantity benefits
   
   Udawatta RP

30. Combining of biomass production for energy with agroforestry – experience from short rotation coppice with poultry breeding
   
   Weger J, Vávrová K, Bubeník J, Lojka B, Houška J, Kotrba R

Biodiversity and added value

31. Exploring the nutritional value of feedstuffs in two food-forest case studies in The Netherlands
   
   Hanegraaf MC, Van der Horst N, Oosterhof G

32. Fast growing tree species in agroforestry systems: soil, tree growth and understory biodiversity
   
   Rodríguez-Rigueiro FJ, Ferreiro-Domínguez N, Rigueiro-Rodríguez A, Mosquera-Losada MR

Tree fodder: food for thoughts?

33. Feeding value of different plant functional types of oak Mediterranean ecosystems
   
   Castro M, Fernández-Núñez E

Innovations in agroforestry

34. Combining ornamental tree and forage crop production using both filed experiments and modelling approach in The Netherlands
   
   Erdem F, Hoekstra N, Luske B, Crous-Duran J, Hautier Y, Van Eekeren N

35. Breeding durum wheat for agroforestry: what to look for?
Gosme M, Panozzo A, Desclaux D

36. Biomass production and concentration of rosmarinic acid in *Melissa officinalis* L. established under *Prunus avium* L.

Mosquera-Losada MR, Ferreiro-Domínguez N, Romero-Franco R, González-Hernández MP, Rigueiro-Rodríguez A

37. Breeding for agroforestry: is it only breeding for shade?

Panozzo A, Desclaux D

38. Agroforestry systems and innovation in extra-virgin olive oil chain in Central Italy

Pisanelli A, Consalvo C, Martini E, Lauter M, Camilli F, Paris P

39. Bio-mulch: an effective tool of weed suppression in alley cropping

Vityi A, Kiss Szigeti N, Marosvölgyi B, Schettler P

40. Effects of shade on black currant physiology and productivity

Wolske E, Branham B, Wolz K

15h00-16h00: Poster Session 2 (continued)

Social and economic aspects in developing agroforestry

41. Differences within similarities: typology of farming strategies and natural resource management in two *ejidos* of Jalisco, Mexico

Monroy-Sais AS, García-Frapolli E, Mora-Ardila F, Skutsch M, Gerritsen PRW, Casas A, Cohen D, Ugartechea-Salmerón O

42. Agroforestry in the Nijmegen-area; visioning, sharing, designing

Van der Meulen SJ

Tree-Crop-Animal competition and facilitation

43. Less avian influenza risk birds in poultry free range areas covered with trees

Bestman M, Wagenaar J, de Jong W, Weerts T, Luske B

44. Polycultures in agroforestry


45. Improve the efficiency of afforestation by the use of alley cropping system

Kovács K, Vityi A

46. Grassland management effects on above-ground matter fluxes in silvopastoral agroforestry systems

Malec S, Graß R, Wachendorf M
47. Does tree density or fertilisation in silvopastoral systems affect tree or pasture production?

Mosquera-Losada MR, Arias-Martínez D, Rigueiro-Rodríguez A, Ferreiro-Domínguez N

48. Temperate agroforestry: yield of five key arable crops near tree rows of *Populus x canadensis*


49. Mediterranean silvoarable systems for feed and fuel: the Agroforces project (agroforestry for carbon sequestration and ecosystem services)


50. Interactions between trees, crops and animals: experiences in a novel bioenergy-livestock system in the UK

Smith J, Deremetz V, Gerrard C, Costanzo A

51. Comparing long-term crop yields of a short rotation alley cropping agroforestry system and of a standard agricultural field in Northern Germany

Swieter A, Langhof M, Lamerre J, Greef JM

52. Simulation of annual leaf carbon fluxes and analysis of stands structure of poplars and black locus in an alley-cropping system, Brandenburg, Germany


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**Agroforestry and multiple products value chain**

53. Opportunities for agroforestry in Finland


54. A qualitative study to develop an “agroforestry” brand: the case of the Spanish dehesas


55. Hybrid aspen and perennial grass agroforestry system interactions

*Lazdina D, Rancane S, Makovskis K, Sarkanabols T, Dumins K*

56. The biomass potential on existing linear woody-features in the agricultural landscape

*Tsonkova P, Böhm C, Hübner R*

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**Education and tools to investigate agroforestry**

57. How to make agroforestry systems pay off? Using its values to create economic development pathways

*Borremans L, Reubens B, Wauters E*
58. Introducing modern agroforestry to students as the next generation of decision makers in ecosystem management

_Lamersdorf N, Corre M, Gernandt P, Isselstein J_

59. Modelling agroforestry systems with web-EcoYield-SAFE

_Palma JHN, Tomás A_