

Volume 15, Issue 4/2015

Copyright 2015

To be cited: Scientific Papers Series “Management, Economic Engineering in Agriculture and Rural Development”, Volume 15, Issue 4/2015

Publishers:

University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania. Address: 59 Marasti, District 1, 011464 Bucharest, Romania, Phone: +40213182564, Fax: +40213182888, www.managusamv.ro

S.C. Editura Ceres S.A., Address: 1 Piata Presei Libere, District 1, Bucharest, 013701, Phone/Fax: +40213179023, Email: edituraceres@yahoo.com

All rights reserved

The publishers are not responsible for the content of the scientific papers and opinions published in the Volume. They represent the authors' point of view.

EDITORIAL BOARD

Editor in Chief: Prof. Ph.D. Toma Adrian DINU

Executive Editor: Prof. Ph.D. Agatha POPESCU

Members:

Prof. Ph.D. Ioan Nicolae ALECU, University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania

Prof. Ph.D. Manea DRĂGHICI, University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania

Prof. Ph.D. Mihai BERCA, University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania

Prof. Ph.D. H.C. Miguel Moreno MILLAN, University of Cordoba, Spain

Prof. Ph.D. Doc. Svend RASMUSSEN, University of Copenhagen, Denmark

Prof. Ph.D. Mogens LUND, Institute of Food and Resource Economics, Copenhagen, Denmark

Prof. Ph.D. Pascal Anton OLTEANU, Oklahoma State University, United States of America

Prof. Ph.D. Rangesan NARAYANAN, University of Nevada, United States of America

Senior Lecturer Ph.D. Ove MADSEN, Grinsted Agricultural Academy, Denmark

Ph.D. Patrick ANGEL, US Department of the Interior, Office of Surface Mining Appalachian Regional Office, U.S.A.

Prof. Ph.D. Gerhard MOITZI, University of Natural Resources and Applied Life Sciences, Vienna, Austria

Prof. Ph.D. Paolo GAJO, University of Florence, Italy

Prof. Ph.D. Diego BEGALLI, University of Verona, Italy

Prof. Ph.D. Mamdouh Abbas HELMY, Modern University for Technology and Information, Cairo, Egypt

Ph.D. Alistair Mc CRACKEN, Agri-Food and Biosciences Institute, Belfast, United Kingdom

Prof. Ph.D. Drago CVIJANOVIC, Institute of Agricultural Economics, Serbia

Prof. Ph.D. Nebojsa RALEVIC, University of Belgrade, Serbia

Dr. Hab. Stefan MANN, Research Station Agroscope, Federal Office for Economics, Tanikon, Switzerland

Ph.D. Jonel SUBIC, Institute of Agricultural Economics, Serbia

Associate Professor Ph.D. Zuzana PALKOVA, Slovak University of Agriculture, Nitra, Slovakia

Acad. Prof. Ph.D. Hab. Pavel MOVILEANU, The Agricultural State University of Moldova, Republic of Moldova

Senior Lecturer Ph.D. Veronica PRISĂCARU, The Agricultural State University of Moldova, Republic of Moldova

Senior Lecturer Ph.D. Veronica MOVILEANU, The Agricultural State University of Moldova, Republic of Moldova

Senior Lecturer Ph.D. Mariana DOGA-MIRZAC, Moldova State University, Republic of Moldova

Associate Prof. Ph.D. Rashid SAEED, International Islamic University, Pakistan

Senior Lecturer Ph.D. Adrian TUREK-RAHOVEANU, University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania

Prof. Ph.D. Emilian MERCE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

Prof. Ph.D. Gheorghe MUREŞAN, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

Prof. Ph.D. Nicoleta MATEOC-SÍRB, University of Agricultural Sciences and Veterinary Medicine of Banat, Romania

Prof. Ph.D. Ion DONA, University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania

Prof. Ph.D. Elena STOIAN, University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania

Senior Lecturer Ph.D. Silviu BECIU, University of Agricultural Sciences and Veterinary Medicine, Bucharest, Romania

Senior Lecturer Ph.D. Radu Lucian PÂNZARU, University of Craiova, Romania

Senior Lecturer Ph.D. Gavrilă STEFAN, University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania

Prof. Ph.D. Vasile GOSA, University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara, Romania

Senior Lecturer Ph.D. Tiberiu IANCU, University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara, Romania

Senior Lecturer Ph.D. Ioan BRAD, University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara, Romania

Publication Committee:

Lecturer Ph.D. Mariana Burcea, Eng. Teodora Popescu

The papers belong to the following research fields: economic engineering in agriculture, management, marketing and agri-food trade, rural economy, agricultural policies, accounting, financial analysis, finance, agrarian legislation, durable development, environment protection, tourism, agricultural extension and other connected areas.

C O N T E N T S

1.ANALYSIS OF ANALYSIS OF SUSTAINABLE ECONOMIC GROWTH POSITION OF EUROPEAN COUNTRIES BY ECONOMETRIC MODELING

- Cristina BURGHELEA, Nicolae MIHĂILESCU,
Octavian Constantin BURGHELEA, Viorel Alexandru TURCU..... 7

2.ASPECTS OF SUSTAINABLE RURAL TOURISM - FARMERS' MARKETS AND FARM VISITS

- Mirela CĂRĂTUŞ STANCIU..... 15

3.E.U. FARM SUPPORT POLICY: AN ANALYSIS OF DIRECT PAYMENTS IMPLEMENTATION IN SPAIN

- Liliana CIMPOIES..... 21

4.EVALUATING THE ROLE OF THE LIQUID ORGANIC FERTILIZER, OBTAINED FROM WORM COMPOST, ON THE PHYSIOLOGICAL DEVELOPMENT, QUALITY AND THE MAIZE HARVEST

- Larisa CREMENEAC, Tatiana BOCLACI..... 27

5.SURVEY REGARDING THE CORPORATE GOVERNANCE IMPLEMENTATION IN ROMANIA

- Raluca Florentina CREȚU, Georgeta Narcisa CIOBOTAR,
Romeo Cătălin CREȚU..... 33

6.ANALYSIS OF THE ROMANIAN RURAL AREA

- Ada-Flavia CRISTINA, Camelia MĂNESCU, Alin Marcel POPESCU,
Nicoleta MATEOC-SÎRB..... 39

7.VISUAL COMMUNICATION IN THE RURAL AREA. STUDY CASE, LOCAL ADMINISTRATION AND THE LOCAL COMMUNITY OF THE BERZOVIA COMMUNE, CARAS-SEVERIN COUNTY

- Ada-Flavia CRISTINA, Camelia MĂNESCU, Anca Gabriela HANDARIC,
Nicoleta MATEOC-SÎRB..... 43

8.DURABLE DEVELOPMENT OF COMMUNITIES UNDER ANALYSIS OF THE POTENTIAL OF WORKFORCE FROM AGRICULTURE

- Corina CRUCERU..... 49

9.TECHNICAL-ECONOMIC ANALYSIS ON FORAGE MOWERS

Mariana DUMITRU.....	53
-----------------------------	-----------

10.STUDY ON THE FEEDING SYSTEM OF A BIOGAS PLANT

Mariana DUMITRU.....	59
-----------------------------	-----------

11.LOCAL FOOD: LITHUANIAN CONSUMERS' PERCEPTIONS AND ATTITUDES

Ovidija EIČAITĖ, Vida DABKIENĖ.....	65
--	-----------

12.USING SOLAR ENERGY TO PRODUCE BIOGAS FROM ANIMAL WASTES

Tarek FOUDA, Asaad DERBALA, Adel ELMETWALLI, M. DARWESH, H. KASSEM.....	71
--	-----------

13.IMPROVING PERFORMANCE OF FORCED - AIR HEATING SYSTEM IN BROILER HOUSE

Mohamed GHONAME, Tarek FOUDA	77
---	-----------

14.SELECTED LEGAL ASPECTS OF STATE AID SCHEMES FOR AGRICULTURE IN POLAND IN YEARS 2015 -2020

Jakub GOŁAŚ.....	85
-------------------------	-----------

15.ABOUT THE EFFICIENCY OF UKRAINIAN WINERIES

Anatoliy G. GONCHARUK, Natalia O. LAZAREVA.....	95
--	-----------

16.IMPACT OF AGRICULTURAL POLICY ON GRAIN SECTOR IN BULGARIA

Hristina HARIZANOVA, Zornitsa STOYANOVA.....	99
---	-----------

17.IMPACT OF THE ECONOMIC CRISIS ON EUROPEAN UNION DURING 2008 – 2015 PERIOD

Adelaida Cristina HONTUŞ, Alina MĂRCUȚĂ, Cristiana TINDECHE, Liviu MĂRCUȚĂ.....	107
--	------------

18.SUSTAINABLE POSITION OF EUROPEAN COUNTRIES BASED ON LIFE EXPECTANCY AT BIRTH AND THE RISK OF POVERTY

Oana Camelia IACOB, Ana-Maria VOLINTIRU, Anca CRISTEA, Elisabeta TURCU.....	117
--	------------

19.ASPECTS OF GENDER EQUALITY WITHIN DOMESTIC LIFE

Adina Magdalena IORGA	125
------------------------------------	------------

20.MORPHOGENESIS OF CARBONATIOUS RENDZINAS PROFILE OF THE WESTERN UKRAINIAN REGION ON DIFFERENT STAGES OF THEIR ONTOGENESIS

Andriy KYRYLCHUK..... 131

21.COMPETITIVENESS OF AGRIFOOD PRODUCTION OF THE REPUBLIC OF MOLDOVA THROUGH ITS EXPORT

Aurelia LITVIN, Cornel COSER..... 139

22.THE ECONOMIC GROWTH OF AGRICULTURAL SECTOR THROUGH INVESTMENT VALUES

Aurelia LITVIN, Svetlana PETRASCU..... 145

23.IMPROVING ROMANIA'S GREEN COVER BY PLANTING FOREST PROTECTION CURTAINS, IN THE CONTEXT OF CURRENT CLIMATE CHANGES

Camelia MĂNESCU, Ada-Flavia CRISTINA, Teodor MATEOC,
Gheorghe Sebastian SÎRB, David SAIDA, Nicoleta MATEOC-SÎRB..... 153

24.RESEARCH REGARDING THE POSSIBILITIES OF EXTENSION OF THE FOREST PROTECTION CURTAINS THROUGH FINANCED PROJECTS FROM THE RDP 2014-2020

Camelia MĂNESCU, Ada-Flavia CRISTINA, Teodor MATEOC,
Gheorghe Sebastian SÂRB, Alin POPESCU, Nicoleta MATEOC-SÎRB..... 159

25.THE ASSESSMENT MADE BY FARMERS OF THE AGRICULTURAL CONSULTANCY EFFECTIVENESS IN OLT COUNTY

Emil Vergilius MARINESCU, Raluca-Alexandra NECULA,
Diana-Maria NECULA..... 165

26.EVOLUTION OF AGRICULTURAL PRODUCTION IN THE CONTEXT OF WORLD ECONOMY GLOBALIZATION (2004-2012)

Dragoș Mihai MEDELETE, Radu Lucian PÂNZARU..... 171

27.STRUCTURE OF AGRICULTURAL PRODUCTION FOR NORTH - EAST REGION OF DEVELOPMENT IN ROMANIA (2009-2011)

Dragoș Mihai MEDELETE, Radu Lucian PÂNZARU 179

28.CONSTRAINS AND CONSENSUS ON WATER USE AND LAND ALLOCATION IN MINOR SCHEME TANKS IN THE DRY ZONE OF SRI LANKA

Naoko OKA, Takeru HIGASHIMAKI, D.D.Prabath WITHARANA,
Mekonnen B.WAKEYO 185

29.DETERMINANTS OF PALM OIL OUTPUT SUPPLY IN NIGERIA

Chigozirim Ndubuisi ONWUSIRIBE, Chibuzo Ikechukwu OKPOKIRI..... 191

30.EFFECT OF QUALITY CONTROL (QC) MEASURES ON THE INCOME OF CASSAVA FLOUR BASED ENTERPRISES IN ABIA STATE NIGERIA

Chigozirim Ndubuisi ONWUSIRIBE, Chinedu Daniel NWOGU..... 199

31.ZEA MAIS EVERTA FUNDULEA 625 – HEALTH - INCOME

Olimpia PANDIA, Ion SĂRĂCIN, Ștefania Eliza TĂNASIE..... 205

32.METHODS OF REDUCING THE PROFOUND HYBERNATION OF CERATONIA SILIQUA SEEDS

Olimpia PANDIA, Ion SĂRĂCIN, Ștefania Eliza TĂNASIE..... 209

33.INTERNATIONAL TRADE WITH GRAPES (2009-2011)

Radu Lucian PÂNZARU, Dragoș Mihai MEDELETE 213

34.INTERNATIONAL TRADE OF TOMATOES (2009-2011)

Radu Lucian PÂNZARU, Dragoș Mihai MEDELETE 219

35.REGRESSION MODELLING IN PREDICTING MILK PRODUCTION DEPENDING ON DAIRY BOVINE LIVESTOCK

Agatha POPESCU..... 225

36.MULTIPLE CORRELATION AND REGRESSION IN PREDICTING MILK PRICE

Agatha POPESCU..... 231

37.SOME CONSIDERATIONS REGARDING THE STATEMENT OF THE WORLD COMMODITY TRADE

Agatha POPESCU..... 239

38.SOME CONSIDERATIONS ON THE WORLD AGRI-FOOD TRADE AND THE POSITION OF THE EU-28

Agatha POPESCU..... 247

39.SOME CONSIDERATIONS ON THE ACTUAL STATEMENT OF THE WORLD TRADE IN COMMERCIAL SERVICES

Agatha POPESCU..... 257

40.RESEARCH ON AGRICULTURAL ASSOCIATION OF THE ROMANIAN FARMERS AND THE EFFICIENCY RECOVERY OF FOOD PRODUCTS RESULTING FROM THEIR WORK

- Alin Marcel POPESCU, Nicoleta MATEOC-SÎRB,
Adela NEAMȚU-POPESCU..... 265

41.THE ECONOMIC AND SOCIAL DEVELOPMENT ANALYSIS IN SYRIA FOR THE PERIOD 1980-2013

- Ibrahim Abdul RAHMAN, Al Mohammad JEGHAYEF, Raluca NECULA,
Diana Roxana CAPĂTĂ..... 271

42.RELEVANT COSTS AND DECISION MAKING OF INVESTMENT

- Titin RULIANA, Eddy SOEGIARTO SOEGIARTO K..... 279

43.THE ESTIMATION OF TRENDS IN BUSINESS DEVELOPMENT IN THE REPUBLIC OF MOLDOVA

- Olga SÂRBU..... 287

44.THE DYNAMICS AND SPATIAL DIFFERENTIATION OF MUNICIPAL INFRASTRUCTURE IN 2004-2013 (EG. MALOPOLSKA REGION)

- Lukasz SATOLA..... 297

45.ARNICA MONTANA L. AS A MEDICINAL CROP SPECIES

- Camelia SAVA SAND..... 303

46.THE NON-AGRICULTURAL ECONOMIC ACTIVITY IN THE CONTEXT OF INCREASING THE COMPETITIVE BUSINESS ENVIRONMENT IN THE ROMANIAN RURAL AREA

- Elena SIMA..... 309

47.THE PRESENCE OF SPECIES *MORIMUS FUNEREUS* MULSANT, 1862 (LONG-HORNED BEETLE) COLEOPTERA: CERAMBYCIDAE IN A FOREST OF OAK CONDITIONS, 2015

- Cristina STANCA-MOISE..... 315

48.TRENDS IN THE DEVELOPMENT OF AGRICULTURE IN OLT COUNTY

- Ştefan STĂNESCU, Manea DRĂGHICI..... 319

49.STUDY CONCERNING THE CRUISES ON THE DANUBE RIVER

- Petrică ŞTEFAN, Mariana BURCEA, Romeo Cătălin CREȚU..... 329

50.PROACTIVE APPROACH FOR THE IMPACTS OF FRAUDULENT FINANCIAL INFORMATION ON ECONOMIC DECISION

Isa TAK..... 335

51.COMPARATIVE ANALYSIS OF THE LAND FRAGMENTATION AND ITS IMPACT ON THE FARM MANAGEMENT IN SOME EU COUNTRIES AND MOLDOVA

Elena TIMOFTI, Daniela POPA, Barbara KIELBASA..... 345

52.TRENDS IN EDUCATIONAL TRAINING FOR AGRICULTURE IN OLT COUNTY

Victor TIȚA, Raluca NECULA..... 357

53.STRUCTURAL CHANGES ON MEAT MARKET IN THE EUROPEAN UNION IN 2008-2014

Agnieszka TLUCZAK..... 365

54.FARM AGRO-ENVIRONMENTAL DIAGNOSIS, A NECESSITY?

Camelia TOMA..... 371

55.CHANGES IN HIGHER EDUCATION AND THE VALUE OF EDUCATION FROM THE PERSPECTIVE OF RURAL AREAS. THE CASE OF POLAND

Krzysztof WASIELEWSKI..... 381

56.THE AGRICULTURE POTENTIAL DEVELOPMENT IN THE REPUBLIC OF IRAQ

**Mohammed Dhary YOUSIF, Hussein Ali Hussein AL QAESI,
Abdulmuttaleb Abbas SALIH 391**