

International Conference on Policies and Economics Measures for Agricultural Development (AgroDevEco2020)

Advances in Economics, Business and Management Research
Volume 147

Voronezh, Russia
25 – 26 May 2020

Editors:

**Vyacheslav A. Gulevsky
Alexander V. Agibalov
Lazar K. Radovanovic**

**Konstantin S. Ternovykh
Olga Yu. Arshinova
Elena B. Falkovich**

ISBN: 978-1-7138-1608-9

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2020) by Atlantis Press
All rights reserved.
Copyright for individual electronic papers remains with the authors.

For permission requests, please contact the publisher:

Atlantis Press
Amsterdam / Paris

Email: contact@atlantis-press.com

Conference Website: <http://www.atlantis-press.com/php/pub.php?publication=agrodevco-20>

Printed with permission by Curran Associates, Inc. (2021)

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

THE ANALYSIS OF MEAT MARKET SITUATION AND REPRODUCTION PROCESS IN TERMS OF FOOD SECURITY	1
<i>V. V. Vrublevskaya, A. I. Mamaeva</i>	
PROCESS OF DIGITAL TRANSFORMATION OF AGRARIAN ECONOMY	5
<i>A. D. Fedorov, O. V. Kondratieva, O. V. Slinko</i>	
METHODOLOGY OF FORMATION OF ECONOMIC RELATIONS IN AGRO-INDUSTRIAL COMPLEX	11
<i>Z. P. Medelyaeva, L. D. Pankratova, N. P. Shilova, S. M. Lyashko, I. A. Malikov</i>	
STRATEGIC PARAMETERS FOR THE DEVELOPMENT OF POTATO GROWING IN THE REGIONAL AGRO-INDUSTRIAL COMPLEX	15
<i>D. Popov, K. Ternovykh, A. Markova, N. Leonova, A. Masik</i>	
ASSESSMENT OF COMPETITIVENESS OF AGRICULTURAL PRODUCTS IN THE GLOBAL MARKET: REGIONAL ASPECT	21
<i>O. G. Charykova, E. V. Salnikova, A. O. Pashuta, I. I. Chernysheva</i>	
AGRARIAN STRUCTURE TRANSFORMATION AND RURAL DEVELOPMENT IN RUSSIA: A SCIENTIFIC REVIEW	26
<i>A. A. Tiutiunikov, V. F. Pechenevsky, I. I. Chernysheva, G. V. Zakshevskii</i>	
PROBLEMS OF FORMATION CONDITIONS FOR THE DEVELOPMENT OF THE SYSTEM OF AGRICULTURAL CONSUMER COOPERATIVES IN RUSSIA	31
<i>D. S. Gorshkova, T. N. Kutaeva, V. A. Makarychev, A. P. Mansurov</i>	
IMPROVING OF HUMAN CAPITAL MONITORING IN RURAL AREAS	36
<i>E. S. Kusmagambetova, S. M. Kusmagambetov, Yu. V. Narolina, Z. V. Gavrilova</i>	
MODELLING OF DIVERSIFIED DEVELOPMENT OF RURAL AREAS	42
<i>I. Merenkova, A. Agibalov, S. Zakupnev, S. Vorobyev</i>	
FORECASTING OF PARAMETERS OF HUMAN CAPITAL DEVELOPMENT IN AGRICULTURE IN VORONEZH OBLAST	47
<i>E. V. Avdeev, K. S. Ternovykh, A. Agibalov, V. Kurennaya</i>	
REVISITING THE ISSUE OF THEORIES OF INTEGRATION PROCESSES	53
<i>E. Falkovich</i>	
SUSTAINABLE DEVELOPMENT OF EDUCATIONAL ORGANIZATIONS IN A RURAL REGION: SOCIO-CULTURAL DETERMINANTS	57
<i>L. L. Redko, M. G. Kuleshin, V. N. Goncharov, O. Yu. Kolosova, V. A. Ivashova</i>	
HUMAN RESOURCE DEVELOPMENT LEVEL AND ITS INTERCONNECTION WITH REGIONAL ECONOMIC SITUATION	62
<i>N. V. Shishkina, T. V. Sabetova, I. N. Lyubavskiy</i>	
SPECIFIC FEATURES IN MANAGEMENT OF AGRO-FOOD SYSTEM DEVELOPMENT	68
<i>Yu. N. Kovalenko, A. V. Ulez'Ko</i>	
COMPETITIVENESS OF EARLY POTATO PRODUCTION IN TWO-CROP CULTURE	73
<i>A. Levshin, O. Ivashova, I. Gasparyan, Sh. Gasparyan, N. Deniskina</i>	

IMPROVING MECHANISM FOR PROVIDING SERVICES TO RURAL POPULATION	78
<i>D. Kleimenov, A. Orekhov, Yu. Tkacheva, A. Agibalov</i>	
RESOURCE POTENTIAL FOR SUSTAINABLE DEVELOPMENT OF AGRICULTURAL ENTERPRISES	84
<i>E. V. Sokolova, T. I. Zakharova</i>	
MARKET RESEARCH OF THE EGG FOOD MARKET	88
<i>G. M. Maslova, I. M. Glinkina, N. A. Kashirina, N. V. Bailova</i>	
ACCOUNTING OF OVERHEAD COSTS AT THE AGRICULTURAL ENTERPRISE APPLYING ABC METHOD	93
<i>Y. I. Zdorovets, O. V. Goncharenko, T. I. Nasedkina, A. I. Chernych</i>	
KEY DIRECTIONS OF NATIONAL SOCIAL POLICY IN THE RUSSIAN FEDERATION: CREATION OF EFFICIENT GOVERNMENTAL SOCIAL POLICY AND ITS IMPLEMENTATION	100
<i>E. V. Zakshevskaya, T. V. Sabetova, A. S. Chernykh, M. V. Zagvozhkin</i>	
ROLE AND FEATURES OF THE DEVELOPMENT OF SMALL ENTERPRISES IN THE AGRICULTURAL SECTOR OF STAVROPOL TERRITORY	109
<i>N. N. Skorohod, J. S. Volvak</i>	
DEVELOPMENT OF METHODOLOGICAL FOUNDATIONS FOR STATING THE COST OF AGRICULTURAL PRODUCTS	112
<i>E. P. Polikarpova, I. E. Mizikovskiy</i>	
CURRENT STATE AND DEVELOPMENT TRENDS IN AGRICULTURAL LAND USE IN THE CENTRAL CHERNOZEM REGION	118
<i>N. I. Bukhtoiarov, S. N. Volkov, G. N. Nikonova</i>	
AUTOMATION OF ENVIRONMENTAL AND ECONOMIC SYSTEMS RESEARCH USING DATA MINING	124
<i>A. E. Kharitonova, A. V. Tikhonova, M. V. Kagirova, A. M. Kozhemyakina</i>	
STANDARD CONFIGURATION ADAPTATION IN RELATION TO WAGES CALCULATION IN AGRO-INDUSTRIAL COMPLEX COMPANIES	133
<i>A. A. Butyugina, S. N. Nikulina, E. E. Gorbunova</i>	
EXPERIENCE OF INVESTMENT AND INNOVATIVE DEVELOPMENT OF REGIONAL LIVESTOCK PRODUCTION	138
<i>K. S. Ternovykh, O. I. Kucherenko, E. V. Popkova, E. V. Korobkov</i>	
THE IMPACT OF DIGITAL TRANSFORMATION ON THE COMPETITIVENESS OF SMALL AND MEDIUM AGRO-INDUSTRIAL ENTERPRISES.....	142
<i>V. I. Medennikov</i>	
KEY DIRECTIONS AND PROBLEMS OF EFFICIENCY ASSESSMENT FOR STATE SUPPORT OF AGRICULTURE	149
<i>N. V. Shishkina, T. V. Sabetova, G. A. Apyrbaev</i>	
RESEARCH OF VACUUM HONEY DRYING PROCESSES	157
<i>V. A. Ermolaev, I. A. Kechkin, A. I. Romanenko, V. V. Tarakanova, I. A. Glebova</i>	
JUSTIFICATION OF PROMISING AREAS OF DEVELOPMENT AND STATE SUPPORT OF AGRICULTURAL INDUSTRY USING THE COBB-DOUGLAS MODEL	161
<i>D. I. Zhilyakov, V. G. Zaretskaya</i>	

FACTOR ANALYSIS OF SOCIAL ASPECTS OF CONSUMER CHOICE OF ORGANIC PRODUCTS	166
<i>A. A. Lezhebokov, E. E. Nesmeyanov, V. A. Ivashova, G. A. Narozhnaya, M. V. Ponomarenko</i>	
THE ACTIVITIES OF THE STATE LABOUR INSPECTORATE IN THE KURGAN REGION.....	170
<i>N. V. Roznina, M. V. Karpova, E. S. Sokolova, S. G. Dunicheva, A. V. Schulgina</i>	
TRENDS IN TECHNICAL AND TECHNOLOGICAL DEVELOPMENT OF AGRICULTURE IN RUSSIA.....	174
<i>N. N. Kononova, A. V. Ulez'Ko</i>	
FORMATION OF EFFECTIVE MECHANISM FOR FINANCIAL RECOVERY OF AGRICULTURAL ORGANIZATION.....	179
<i>A. L. Lavlinskaya, O. M. Aleshchenko, Ye. B. Panina, I. V. Kuznetsova</i>	
ANALYTICAL PROCEDURES FOR EVALUATING THE RAW MATERIAL COMPONENT OF SUGAR PRODUCTION.....	185
<i>R. V. Nuzhdin, I. N. Maslova, N. V. Kondrashova, Ye. B. Panina</i>	
ORGANIZATIONAL BASIS OF THE FORMATION AND ACTIVITY OF BEEKEEPING ASSOCIATIONS IN RUSSIA.....	192
<i>T. A. Skvortsova, N. G. Shatveryan, O. V. Alimova</i>	
PRIORITY AREAS OF INTERACTION BETWEEN AGRIBUSINESS AND STATE	197
<i>Z. V. Gavrilova, M. E. Otinova, Yu. V. Narolina, A. O. Pashuta</i>	
PARAMETER OPTIMIZATION OF EFFECTIVE DEVELOPMENT OF EGG PRODUCING POULTRY FARM	203
<i>E. Vorontsova, A. Pashuta, R. Podkolzin, T. Chastukhina</i>	
EFFECTIVENESS OF FOOD SECURITY MEASURES FOR THE POPULATION OF PERM REGION.....	209
<i>T. I. Bukhtiyarova, D. G. Demyanov, Y. S. Nemykina, V. P. Cherdantsev</i>	
AGRIBUSINESS FINANCING ISSUES: ASSESSMENT FEATURES.....	214
<i>T. G. Bondarenko, A. I. Bolvachev, O. L. Shemetkova</i>	
SELF-SUSTAINMENT AS A BASIC COMPONENT OF FOOD INDEPENDENCE AND SECURITY OF A COUNTRY	219
<i>E. V. Zakshevskaya, T. V. Zakshevskaya, A. A. Tiutiunikov</i>	
PROSPECTS OF AGRICULTURAL LAND USE IN KRASNODAR TERRITORY IN RESPECT TO TERRITORIAL FEATURES	223
<i>G. N. Barsukova, K. A. Yurchenko, D. K. Derevenets</i>	
OBJECTIFICATION OF LOSSES IN ACCOUNTING OF AGRICULTURAL ORGANIZATIONS	228
<i>E. P. Polikarpova, I. E. Mizikovskiy</i>	
SYSTEMATIC APPROACH TO THE FORMATION OF CLUSTER STRUCTURES AND ENTERPRISES IN AGRO-INDUSTRIAL COMPLEX OF THE VORONEZH REGION.....	235
<i>A. G. Bukhovets, M. V. Gorelova, L. A. Shishkina</i>	
GOVERNMENTAL REGULATION AND SUPPORT OF AGRO-INDUSTRIAL COMPLEX: SITUATION, PROBLEMS, PROSPECTS.....	238
<i>A. B. Efimov, V. V. Stashevskiy</i>	

SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT OF AGRARIAN SPHERE OF AGRICULTURAL INDUSTRY AS A CONDITION OF SUSTAINABLE DEVELOPMENT OF RURAL AREAS	242
<i>N. Z. Goncharova, S. E. Terentyev, E. S. Vorobeva, O. B. Tarasova</i>	
DIGITAL PLATFORMS IN THE SPHERE OF LAND RECLAMATION IN RUSSIA	250
<i>I. F. Yurchenko, M. A. Bandurin, In. P. Bandurina</i>	
ASSESSMENT OF ECONOMIC EFFICIENCY OF PRODUCTION AND SALE OF RAW MILK BY DAIRY FARMS WITHIN AN AGROHOLDING.....	256
<i>V. V. Krupitsyn, L. V. Vostroilov, L. A. Zaporozhtseva, E. I. Ruzhkov</i>	
PRODUCTION OF ORGANIC PRODUCTS IN RUSSIA AT THE MODERN STAGE AND ON A SHORT-TERM HORIZON: (IN THE CONTEXT OF VORONEZH OBLAST)	261
<i>Z. P. Medelyaeva, S. I. Korzhov, V. B. Malitskaya, N. P. Shilova</i>	
INCREASE OF THE COMPETITIVENESS OF AGRICULTURAL PRODUCTION IN GLOBAL MARKET (EXAMPLE OF BEEKEEPING INDUSTRY)	267
<i>O. Yu. Antsiferova, S. V. Kolupayev</i>	
DEVELOPMENT OF INFORMATION MODEL OF NATIONAL ECONOMY TURNOVER USING BIG DATA TECHNOLOGY	271
<i>V. V. Pshenichnikov</i>	
IMPROVEMENT OF GOVERNMENT SUPPORT SYSTEM OF SHEEP BREEDING IN ZABAIKALSKY KRAI.....	276
<i>E. B. Dondokova, L. A. Ishina, V. A. Verшинina</i>	
ROLE OF COOPERATIVE DEVELOPMENT IN RESOLVING ECONOMIC ISSUES OF AGRICULTURAL INDUSTRY IN AZERBAIJAN	282
<i>M. J. Huseynov, E. A. Salahov</i>	
CURRENT STATE AND DEVELOPMENT TRENDS OF AGRARIAN LABOR MARKET	287
<i>N. P. Larionova</i>	
COMPLEX AND COMMISSION EXPERTISE ON ILLEGAL ACTIONS IN THE PUBLIC SECTOR.....	292
<i>S. A. Zvyagin, I. E. Strygina, E. P. Maltsev, T. N. Fomenko</i>	
FEATURES OF REGULATORY CONTROL AND ACCOUNTING OF LABOR REMUNERATION IN BUDGETARY HEALTHCARE INSTITUTIONS (THROUGH THE EXAMPLE OF OMSK REGION)	296
<i>E. E. Golova, I. V. Baranova, Yu. G. Balandaeva</i>	
CLUSTER MODEL OF INTER-SUBJECT INTERACTIONS IN AGRO-FOOD COMPLEX.....	302
<i>L. O. Makarevich, A. V. Ulez'Ko, V. V. Reimer</i>	
RURAL TERRITORIES DIFFERENTIATION ACCORDING TO THE LEVEL AND CONDITIONS OF HUMAN CAPITAL FORMATION	307
<i>V. G. Zakshevskii, I. I. Novikova, I. N. Merenkova, E. A. Parkhomov</i>	
IMPROVING THE MECHANISM OF STATE SUPPORT OF AGRICULTURAL PRODUCERS	314
<i>A. Shamin, O. Frolova, V. Makarychev, I. Mitina, A. Mitin</i>	
INTEGRATED DEVELOPMENT OF RURAL AREAS OF LIMITED POTENTIAL FOR SOCIAL AND ECONOMIC GROWTH	319
<i>V. N. Plaksin, T. V. Sabetova, A. G. Volkova, P. V. Plaksina</i>	

METHODOLOGICAL FOUNDATIONS OF MANAGERIAL ACCOUNTING POLICY	324
<i>I. V. Kalugina, O. N. Tarasenko, A. Yu. Bunina, T. N. Pavluchenko</i>	
ASSESSMENT OF THE PROPERTY COMPLEX IN THE MANAGEMENT OF AN INTEGRATED AGRO-INDUSTRIAL ENTERPRISE.....	329
<i>N. Lytneva, N. Kidanova, S. Banin, A. Plyakina</i>	
MECHANISM FOR HUMAN CAPITAL REPLENISHMENT IN AGRICULTURAL SECTOR OF RURAL ECONOMY	334
<i>E. N. Belkina, M. V. Zaytseva, V. V. Kurennaya, A. T. Aydinova</i>	
INVESTMENT POTENTIAL FORMATION FOR THE DEVELOPMENT OF AGRICULTURAL ENTERPRISES AT THE REGIONAL LEVEL	339
<i>A. V. Belokopitov, E. E. Matveeva, N. V. Moskaleva</i>	
PROTECTION AND RATIONAL USE OF LAND RESOURCES WHEN USING LOCAL NATURAL FERTILIZERS OF SAPROPEL	346
<i>N. A. Yurina, D. A. Yurin, N. L. Machneva, B. Sh. Tsipinova</i>	
STATE FINANCING OF ENVIRONMENTAL INVESTMENT PROJECTS.....	352
<i>L. Sotnikova, E. Bichyova</i>	
APPLICATION OF DIGITAL MANAGEMENT TECHNOLOGIES IN THE AGRICULTURAL INSURANCE SECTOR.....	358
<i>O. P. Zaitseva, D. R. Baetova, L. N. Goncharenko</i>	
POTENTIAL OF LABOR RESOURCE REPRODUCTION IN RURAL AREAS.....	365
<i>E. A. Yugov</i>	
IMPROVEMENT OF INTERNAL AUDIT SYSTEM IN THE INSTITUTIONS OF THE PUBLIC SECTOR IN RUSSIA	374
<i>N. N. Kosteva, M. K. Kopytina, T. N. Pavliuchenko, E. Y. Bunina, I. Shamrina</i>	
SUBSTANTIATION OF ORCHARD ESTABLISHING PROJECTS WITH VARIOUS PLANTING PATTERNS	379
<i>Z. P. Medelyaeva, R. G. Nozdracheva, N. V. Ershova, S. A. Gorlanov</i>	
ASSESSMENT ISSUES OF SUSTAINABILITY OF RURAL AREA DEVELOPMENT UNDER DIGITALIZATION CONDITIONS	384
<i>A. V. Agibalov, L. A. Zaporozhtseva, Yu. V. Tkacheva, T. V. Sabetova, R. O. Tolstolutckii</i>	
DIGITAL TRANSFORMATION OF ECONOMY: THE NEED FOR INTEGRATED INTRODUCTION OF AVAILABILITY RATE OF TELECOMMUNICATION SERVICES WITHIN THE SUSTAINABLE DEVELOPMENT OF RURAL TERRITORIES	390
<i>N. V. Proskura, A. Shamin, D. V. Proskura, N. V. Denisova</i>	
MODERN STATE OF LAND RESOURCES AND ANALYSIS OF THE LEVEL OF RURALIZATION WITHIN THE STEPPE REGIONS IN THE ASIAN PART OF RUSSIA.....	396
<i>A. A. Chibilyov, D. S. Meleshkin, D. V. Grigorevsky</i>	
RATING OF THE CENTRAL FEDERAL DISTRICT BY KEY PARAMETERS OF ECONOMIC DEVELOPMENT	403
<i>A. Yu. Gusev</i>	
HUNTING FARMING AS INNOVATIVE DIRECTION OF INTEGRATED DEVELOPMENT OF RURAL AREAS	407
<i>K. Laricheva, N. Lapteva, A. Petrova, M. Osipova</i>	

AUTOMATION OF REAL-TIME MANAGERIAL ACCOUNTING IN AGRICULTURAL ENTERPRISES DURING SOWING AND HARVESTING SEASONS	414
<i>E. E. Golova, M. N. Gapon, I. V. Baranova</i>	
ALTERNATIVE EMPLOYMENT OF THE RURAL POPULATION: AREAS OF INCENTIVES AND WAYS OF IMPROVEMENT	419
<i>O. A. Fedotova, S. V. Spakhov, V. E. Yushkova, O. Yu. Ageeva</i>	
EFFICIENCY OF USE OF INNOVATIONS IN AGRICULTURE.....	424
<i>O. Dudareva, T. Ivashinina, O. Ageeva, I. Mikhailov</i>	
CONTROLLING IN THE SYSTEM OF BUDGETING IN AN ORGANIZATION.....	428
<i>S. N. Nikulina</i>	
IMPACT OF INVESTMENT ACTIVITY ON THE VALUE OF AGRICULTURAL BUSINESS	432
<i>D. Yu. Samygin, N. G. Baryshnikov, A. V. Ilyasova, Yu. V. Karmyshova</i>	
ASSESSMENT OF CONSUMER PROPERTY QUALITY OF ENRICHED BAKERY PRODUCTS USING CLASSIFICATION METHODS.....	437
<i>N. M. Derkanosova, O. A. Vasilenko, I. N. Ponomareva, M. A. Kalina, G. V. Shurshikova</i>	
SOCIO-ECONOMIC WELL-BEING OF YOUNG PEOPLE AS A SUSTAINABLE RURAL DEVELOPMENT INDICATOR.....	442
<i>V. N. Goncharov, A. A. Volkov, O. Yu. Kolosova, L. A. Tronina, V. A. Ivashova</i>	
ECONOMIC ASSESSMENT OF PRODUCTION AND FORECASTING THE YIELD OF OILSEED COLE CROPS IN THE NON-CHERNOZEM ZONE OF RUSSIA	446
<i>V. S. Konkina, E. I. Lupova, D. V. Vinogradov</i>	
PRIORITIES FOR THE INNOVATIVE DEVELOPMENT OF THE AGRO-INDUSTRIAL COMPLEX: PROBLEMS AND MECHANISM OF ACHIEVEMENT	451
<i>M. E. Otinova, O. G. Charykova, E. A. Popova, M. S. Nesterov</i>	
KEY DIRECTIONS OF EFFICIENCY IMPROVEMENT OF RUSSIAN TAXATION SYSTEM.....	457
<i>L. V. Bryantseva, I. V. Orobinskaya, M. V. Pylytsina</i>	
FORMATION TOOLS OF FINANCIAL STRATEGY FOR THE DEVELOPMENT OF AGRICULTURAL ORGANIZATIONS.....	462
<i>L. Zaporozhtseva, Yu. Tkacheva, V. Malitskaya, L. Shishkina, D. Popov</i>	
ALGORITHM OF COMPETITION INTENSITY ASSESSMENT FOR A LOCAL MARKET	468
<i>I. Yu. Fedulova, T. V. Sabetova, N. M. Shevtsova, E. V. Zakshevskaya</i>	
ADVANCED DEVELOPMENTS IN AQUAPONICS	473
<i>N. A. Yurina, D. A. Yurin, E. A. Maksim, D. V. Osepchuk, T. A. Ustjuzhaninova</i>	

Author Index