

International Scientific Conference Week of Science in SPbPU (SPbWOSCE-2017)

**Business Technologies for Sustainable
Urban Development**

MATEC Web of Conferences Volume 170 (2018)

St. Petersburg, Russia
20-22 December 2017

Part 1 of 3

Editors:

Igor Ilin

Olga Kalinina

ISBN: 978-1-5108-6466-5

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.

This work is licensed under a Creative Commons Attribution license:
<http://creativecommons.org/licenses/by/2.0/>

You are free to:

Share – copy and redistribute the material in any medium or format.

Adapt – remix, transform, and build upon the material for any purpose, even commercial.

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

You must give appropriate credit, provide a link to the license, and indicate if changes were made.

You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. The copyright is retained by the corresponding authors.

Printed by Curran Associates, Inc. (2018)

For additional information, please contact EDP Sciences – Web of Conferences
at the address below.

EDP Sciences – Web of Conferences
17, Avenue du Hoggar
Parc d'Activité de Courtabœuf
BP 112
F-91944 Les Ulis Cedex A
France

Phone: +33 (0) 1 69 18 75 75

Fax: +33 (0) 1 69 28 84 91

contact-edps@webofconferences.org

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

PART 1

BUSINESS ANALYSIS OF THE FINANCIAL SUPPORT FOR ORGANIC PRODUCTION IN MONTENEGRO – TECHNOLOGICAL AND ORGANIZATIONAL ASPECTS	1
<i>Melovic Boban, Đurišić Vladimir, Rogić Suncica</i>	
METHODOLOGICAL APPROACH TO DETERMINATION OF COSTS AT THE INITIAL STAGES OF THE PROJECT RESEARCH OF GAS-SUPPLY SYSTEMS	7
<i>Kirillova Ariadna, Gorelova Anna</i>	
ECONOMIC SECURITY OF MODERN RUSSIA: THE CURRENT STATE AND PROSPECTS	14
<i>Karanina Elena, Kartavyh Ksenia</i>	
ACCELERATOR OF INNOVATIONS FOR PRE-INCUBATION STAGE OF PROJECT LIFECYCLE	22
<i>Skvortsova Inga, Nurulin Yury</i>	
THE UNIFORM INFORMATION VIRTUAL SPACE OF CONSTRUCTION ORGANIZATIONS AS AN EFFECTIVE CONTROL OF THE CONSTRUCTION PROCESS MANAGEMENT	30
<i>Antipova Alena, Eremina Daria, Shakirova Tatiana</i>	
THE PROBLEM OF ANALYSIS AND EVALUATION OF THE PROGRAMS IN A SPHERE OF LABOR RESOURCES TERRITORIAL MOBILITY	38
<i>Chagina Evgeniia, Plis Kristina, Garbuzyuk Ivan</i>	
THE FAR-SEEING PLANNING SYSTEMS AND MODELS FOR THE CONSTRUCTION MANAGEMENT	44
<i>Petrenko Lubov, Manzhilevskaya Svetlana, Shilov Aleksandr, Abdullah Saleh Al-Hajj Ali</i>	
TO THE PROBLEM OF EFFECTIVE ORGANIZATION OF PRO-CUREMENT ACTIVITIES OF CONSTRUCTION COMPANIES	52
<i>Makarov Vasilij, Skvortsova Inga, Latyshev Roman</i>	
JUDICIAL CONSTRUCTION AND TECHNICAL EXPERTISE AS A MEANS OF PROTECTING THE INTERESTS OF PARTICIPANTS OF BUILDING PROCESS	58
<i>Butyrin Andrey, Stativa Ekaterina</i>	
STEP-BY-STEP CONTROL OF TARGET EFFICIENCY INDICES OF THE CONTROL AND MEASURING EQUIPMENT STOCK APPLIED IN CONSTRUCTION AND HOUSING AND COMMUNAL SERVICES	70
<i>Khayrullin Rustam, Ivanov Pavel</i>	
STRATEGIC PLANNING OF THE TOURISM DEVELOPMENT IN SMALL CITIES AND RURAL TERRITORIES AS A TOOL FOR THE DEVELOPMENT OF THE REGIONAL ECONOMY	76
<i>Aleksandrov Igor, Fedorova Marina</i>	
IMPACT OF ECOSYSTEM SERVICES ON A SUSTAINABLE BUSINESS STRATEGY IN URBAN CONDITIONS	84
<i>Balashova Elena, Sharipova Sabina</i>	
TRAINING OF HIGH-RISE ENGINEERS IN LIGHT OF THE TECHNICAL INNOVATIONS OF THE XXI CENTURY	93
<i>Pryadko Igor, Lebedev Igor</i>	
INTERVAL APPROACH OF TIME SERIES FORECASTING BY NEURAL NETWORKS FOR THE DECISION SUPPORT SYSTEM	101
<i>Dubolazov Victor, Somov Andrei</i>	
ORGANIZATIONAL AND TECHNOLOGICAL GENESIS AS A TOOL FOR STRATEGIC PLANNING OF LARGE-SCALE REAL ESTATE DEVELOPMENT PROJECTS	109
<i>Gusakova Elena</i>	
IMPROVING MARKETING ACTIVITIES OF SMALL ENTERPRISES THAT PRODUCE BUILDING MATERIALS	117
<i>Shikov Pavel, Shikov Yuri</i>	
ROBUST DATA ANALYSIS IN INNOVATION PROJECT PORTFOLIO MANAGEMENT	123
<i>Titarenko Boris, Hasnaoui Amir, Titarenko Roman, Buzuk Liliya</i>	
THE ADAPTIVE MODEL OF CUSTOMS MANAGEMENT	130
<i>Makrusev Viktor, Vakhrushev Valentin, Lyubkina Ekaterina</i>	
COMMUNICATION IN A GLOBALIZED MULTICULTURAL SOCIETY: ETHNIC MENTALITY ASPECT	138
<i>Drotianko Liubov, Abysova Maria</i>	
LOGISTICAL APPROACH TO UNIVERSITIES INTEGRATION IN THE RUSSIAN INNOVATION ECONOMY	149
<i>Barykin Sergei, Kobicheva Aleksandra</i>	
STATE SUPPORT OF SMALL AND MEDIUM-SIZED BUSINESS IN RUSSIAN FEDERATION	158
<i>Borisova Tatyana, Vorobey Elena, Gvarliani Tatyana</i>	
INNOVATIVE CAPACITY AS A FACTOR OF THE MUNICIPAL HEALTHCARE SYSTEM DEVELOPMENT	167
<i>Mottaeva Angela, Zheltenkov Alexander</i>	
MECHANISM OF STATE REGULATION OF COMPETITIVENESS OF TOURIST TERRITORY KRASNODAR TERRITORY, RUSSIAN FEDERATION	176
<i>Vorobey Elena, Borisova Tatyana</i>	
RESULTATIVE APPROACH TO DISTRIBUTION OF BUDGET RESOURCES OF MUNICIPALITIES	184
<i>Rostova Olga, Shirokova Svetlana, Shmeleva Anastasiia</i>	

NEURAL NETWORK MODEL AS A WAY OF PROCESSING COMPLEX SYSTEMS OF ECONOMETRIC EQUATIONS CHARACTERIZING THE INTERACTION OF THE RUSSIAN ARCTIC	193
<i>Antipov Sergey</i>	
ORGANIZATION OF MANAGEMENT’S CONSTRUCTION AND PROVIDING PROCESSES IN THE MANAGEMENT SYSTEM OF CONSTRUCTION ENTERPRISE	199
<i>Stupakova Olga, Sokolnikov Vyacheslav, Osipenkova Irina, Nurgalina Rosa</i>	
ANALYSIS OF THE INFLUENCE OF EXTERNAL ENVIRONMENTAL FACTORS ON THE DEVELOPMENT OF HIGH-TECH ENTERPRISES	205
<i>Dubitskaya Elizaveta, Tcukanova Olga</i>	
THE DEVELOPMENT OF TOURISM: THE EXPERIENCE OF RUSSIA	212
<i>Lavrova Tatiana, Plotnikov Vladimir</i>	
DESIGN AND IMPLEMENTATION OF IT SERVICES AS PART OF THE “SMART CITY” CONCEPT	218
<i>Lepekhin Aleksandr, Borremans Alexandra, Iliashenko Oksana</i>	
SIMULATION MODELLING OF THE MUNICIPAL SANATORIUM-TOURIST BRANCH	225
<i>Kopyrin Andrey</i>	
INTERACTION BETWEEN BUSINESS AND GOVERNMENT AS A THREAT TO THE ECONOMIC SECURITY OF THE STATE	235
<i>Vlasova Marina, Stepchenkova Olga, Lobanova Irina, Smirnova Anastasiia</i>	
GLOBALIZATION IMPACT ON CONSUMPTION AND DISTRIBUTION IN SOCIETY	241
<i>Panfilova Olga, Okrepilov Vladimir, Kuzmina Svetlana</i>	
TRANSACTIONAL COSTS OF THE INTERACTION BETWEEN BUSINESS AND GOVERNMENT AS A THREAT TO THE ECONOMIC SECURITY OF THE STATE	247
<i>Evmenov Aleksandr, Kuzmina Svetlana, Vlasova Marina, Stepchenkova Olga</i>	
DIGITAL ECONOMY. IT STRATEGY OF THE COMPANY DEVELOPMENT	253
<i>Borremans Alexandra D., Zaychenko Irina M., Iliashenko Oksana Yu.</i>	
QUALITY CONTROL OF HIGH-PERFORMANCE CONCRETE IN HIGH-RISE CONSTRUCTION DURING OPERATION	266
<i>Davidyuk Artem, Rumyantsev Igor</i>	
IMPROVING THE WORK ENVIRONMENT OF MEDICAL PERSONNEL WORKING WITH IONIZING RADIOACTIVE SOURCES IN TYUMEN REGION	270
<i>Sulkarnaeva Gulnur, Bulgakova Elena, Nordman Irina</i>	
PUBLIC PRIVATE PARTNERSHIP AS CITY PROJECT MANAGEMENT TECHNOLOGY	277
<i>Zapivakhin Igor, Ilin Igor, Levina Anastasia</i>	
COMPARING INVESTMENT PROJECTS OF INNOVATIVE DEVELOPING STRATEGIES OF MUNICIPALITIES, BASED ON A SET OF INDICATORS	285
<i>Saurenko Tatiana, Anisimov Vladimir, Anisimov Evgeniy, Levina Anastasia</i>	
THE INTEGRATED INDICATOR OF SUSTAINABLE URBAN DEVELOPMENT BASED ON STANDARDIZATION	291
<i>Leonova Tatiana, Golovtcova Irina, Mamedov Eitiram, Varfolomeeva Maria</i>	
INCREASING THE EFFICIENCY OF PERSONNEL MANAGEMENT IN MUNICIPAL ORGANIZATIONS THROUGH CONTROLLING OPERATIONAL RISKS AND FIXED COSTS	298
<i>Bril Aleksandr, Kalinina Olga, Zotova Elizaveta, Vilken Viktoria</i>	
MODERN TRANSFORMATION OF THE PRODUCTION STRUCTURE AND ITS IMPACT ON THE CONTENT OF LABOR AND THE REQUIREMENTS FOR THE SKILLS AND ABILITIES OF WORKERS	304
<i>Rasskazova Olga, Kalinina Olga, Zotova Elizaveta</i>	
MODEL FOR ASSESSING THE FINANCIAL POTENTIAL OF THE REGION	312
<i>Miroshnikova Tatyana, Taskaeva Natalia</i>	
INNOVATIONS IN REDEVELOPMENT PROJECTS	322
<i>Radushinsky Dmitry, Radushinskaya Alexandra, Radikov Ivan, Feoktistova Oksana, Butyrin Andrey</i>	
FRANCHISING TECHNOLOGIES FOR SUSTAINABLE ECONOMIC DEVELOPMENT	333
<i>Ganebnykh Elena, Mottaeva Asiyat, Larinina Tatyana, Petrova Elena</i>	
ORGANIZATIONAL-AND-METHODICAL SUPPORT OF SUSTAINABLE DEVELOPMENT STRATEGY IN THE MEDICAL SPHERE	340
<i>Mottaeva Asiyat</i>	
FINANCIAL SUPPORT PROBLEMS OF DEVELOPING A TERRITORY’S TOURISTIC POTENTIAL	346
<i>Kataeva Natalia, Marakulina Irina, Snigireva Yelena, Barinov Sergey</i>	
PUBLIC-PRIVATE PARTNERSHIPS: APPROACHES TO ASSESSING ECONOMIC EFFECTS FOR STAKEHOLDERS	354
<i>Markovskaya Elisaveta, Holodkova Viktoria, Radushinsky Dmitry, Feoktistova Oksana, Borisova Anzhelika</i>	
EVALUATION OF INNOVATION ACTIVITY SCIENCE-INTENSIVE AND HIGH-TECH OF ENTERPRISES	365
<i>Meshcheryakova Tatiana</i>	
ASSESSMENT OF THE EFFICIENCY OF SOCIAL INNOVATIVE-AND-INVESTMENT PROJECTS ACCORDING TO THE SOCIAL SPHERE DIRECTION	375
<i>Glazkova Valerya, Marchenko Elizaveta</i>	
PERSPECTIVE TRENDS IN FINANCING OF HOUSING-AND-COMMUNAL SERVICES	382
<i>Vasilyeva Elena</i>	
ROLE OF LEASING FOR SUSTAINABLE DEVELOPMENT OF THE RUSSIAN ECONOMY	389
<i>Gerasimova Vera</i>	

METHODICAL APPROACHES TO THE ASSESSMENT OF EFFICIENCY OF INVESTMENT PROJECTS IN THE MUNICIPAL SPHERE	396
<i>Glazkova Valerya</i>	
FORMATION OF MECHANISM OF PROGRAMME MANAGEMENT FOR THE DEVELOPMENT OF MEDICAL ORGANIZATIONS	402
<i>Mottaeva Angela</i>	
MODERN TRENDS IN THE WORLD FOOD SECURITY	410
<i>Kopteva Lyudmila, Shabalina Lyudmila, Prorokov Andrey</i>	
STUDENTS CREATIVE WORKSHOP AS HUMAN RESOURCE MANAGEMENT IN MUNICIPAL FACILITIES AND URBAN DEVELOPMENT	425
<i>Solnyshkova Olga, Boiko Ekaterina</i>	
A RATIONALE FOR CHOOSING THE MECHANISM OF PUBLIC-PRIVATE PARTNERSHIP FOR THE SUSTAINABLE DEVELOPMENT OF SOCIAL INFRASTRUCTURE FACILITIES	430
<i>Dubgorn Alissa, Zaychenko Irina, Grashhenko Nadezhda</i>	
ECOLOGICAL STATE OF THE URBAN ENVIRONMENT AS AN OBJECT OF FORENSIC ANALYSIS WITHIN THE PERIOD OF INTRODUCING THE JUDICIAL REFORM OF RUSSIA	439
<i>Voskresenskaya Elena, Mokhorov Dmitry, Tebryaev Alexander</i>	
LEGAL REGULATION OF LAND GRANTING FOR CONSTRUCTION IN CITIES WITH FEDERAL STATUS	444
<i>Voskresenskaya Elena, Zhilskiy Nikolay, Shariapova Emma</i>	
SOME ISSUES OF LEGAL REGULATION OF ELECTRONIC COMMERCE IN THE RUSSIAN FEDERATION	450
<i>Belykh Vladimir, Gubareva Anna, Dobrynina Larisa, Gudovicheva Lubov</i>	
PROBLEMS OF MODELING FURTHER DEVELOPMENT OF CIVIL LEGISLATION OF THE RUSSIAN FEDERATION	458
<i>Semyakin Mikhail, Dobrynina Larisa, Gubareva Anna, Gudovicheva Lubov</i>	
EVALUATION OF THE COACHING EFFECTIVENESS AS AN INSTRUMENT FOR MOTIVATING COMPANY'S EMPLOYEES	467
<i>Mimullina Anna, Abdrazakov Rais, Graboviy Petr</i>	
SOFTWARE ENGINEERING OF INTERACTIVE EDUCATIONAL RESOURCES FOR UNIVERSITY STUDENT TRAINING IN URBAN DEVELOPMENT COURSES	475
<i>Solnyshkova Olga, Dudysheva Elena</i>	
PROFESSIONAL EDUCATION FOR DIGITAL ECONOMY: TRENDS AND PROSPECTS	484
<i>Barsukov Dmitry, Kuzmina Svetlana, Morozova Natalia, Pimenova Anna</i>	
EVALUATION OF THE WORKING LIFE QUALITY AS A PART OF THE HUMAN RESOURCES MANAGEMENT SYSTEM OF A MODERN ENTERPRISE	490
<i>Frolova O., Kopytova A., Matys E.</i>	
THE ISSUES OF INFILL DEVELOPMENT IN CITIES OF THE TYUMEN REGION	497
<i>Izvin D., Lez'Er V., Kopytova Anna</i>	
ISSUES OF HUMAN RESOURCES MANAGEMENT IN THE ENTERPRISES OF THE MACHINE-BUILDING COMPLEX OF THE TYUMEN REGION	509
<i>Lez'Er Victoria, Gusarova Miroslava, Kopytova Anna</i>	
A SMART CITY IS A SAFE CITY: THE CURRENT STATUS OF STREET CRIME AND ITS VICTIM PREVENTION USING A DIGITAL APPLICATION	518
<i>Truntsevsky Y. V., Lukiny I. I., Sumachev A. V., Kopytova A. V.</i>	
RISK ASSESSMENT RELATED TO THE CHOICE OF CONTRACTORS PERFORMING THE JOB	528
<i>Valitova Iuliia, Trofimova Tatiana, Simankina Tatiana, Stein Elena</i>	
ASSESSMENT OF LABOR POTENTIAL ON THE REGIONAL LEVEL BY THE INDEX METHOD	535
<i>Simonova Marina, Kolesnikov Sergei, Karakova Tatiana</i>	
REFORMING THE FINANCIAL SYSTEM TO INSURE THE PROVISION OF HEALTH-RESORT SERVICES	542
<i>Baranova Alla, Kegeyan Svetlana</i>	
MANAGEMENT, MECHANIZATION AND AUTOMATION OF WORK IN THE CONSTRUCTION OF HIGH-RISE BUILDINGS	549
<i>Kagan Pavel</i>	
THE METHODOLOGY FOR DESIGNING HEALTH AND SPA BUSINESS PROCESSES	557
<i>Potashova Irina, Dreizis Yuriy</i>	
PROBLEMS OF ASSESSING THE FINANCIAL STABILITY AND SECURITY OF MUNICIPALITIES	565
<i>Ushakova E, Pak H, Kuprin A</i>	
APPLICATION OF FRACTAL PROPERTIES IN STUDIES OF FINANCIAL MARKETS	571
<i>Erokhin Sergey, Roshka Olga</i>	

PART 2

SUPPLEMENT OF DIFFERENTIAL EQUATIONS OF FRACTION ORDER FOR FORECASTING OF FINANCIAL MARKETS	578
<i>Erokhin Sergey, Roshka Olga</i>	
CLOUD INTERACTION TECHNOLOGIES IN THE DESIGN AND CONSTRUCTION	584
<i>Garyaev Nikolay, Rybakova Angelina</i>	

FORMATION OF COMPETITIVE SKILLS OF CIVIL ENGINEERS IN THE FIELD OF BIM TECHNOLOGIES	590
<i>Garyaeva Venera</i>	
REFRAMING MOTIVATION OF MODERN LEADERS IN INVESTMENT AND CONSTRUCTION SECTORS IN FOCUS OF ORGANIZATIONAL MANAGEMENT	594
<i>Vlasenko Larisa, Ivanova Irina</i>	
CARTOGRAPHIC MODELING FOR MONITORING THE TECHNICAL CONDITION OF URBAN DEVELOPMENT OBJECTS	599
<i>Dement'Eva Marina, Dement'Eva Anastasiya</i>	
INNOVATIONS AS AN INSTRUMENT FOR EFFICIENT MUNICIPAL MANAGEMENT	610
<i>Boriskina Yulia</i>	
TECHNICAL AND ECONOMICAL FACTORS IN GREEN ROOF USING TO REDUCE THE AIRCRAFT NOISE	615
<i>Korol Elena, Shushunova Natalia, Feoktistova Oksana, Shushunova Tatiana, Rubtsov Oleg</i>	
ECONOMIC EFFICIENCY OF THE STATE PROGRAM OF RENOVATION IN MOSCOW	621
<i>Kolobova Svetlana</i>	
PERSPECTIVES OF STATE INVESTMENT POLICY IN RUSSIA	630
<i>Rumyantseva Anna, Smeshko Oleg</i>	
SPECIAL ASPECTS OF TECHNOLOGICAL ENTREPRENEURSHIP FINANCING AT THE PRESENT STAGE	637
<i>Rumyantseva Anna, Bichurina Viktoriia</i>	
LEGAL ASPECTS OF BLOCKCHAIN'S TECHNOLOGY APPLICABILITY FOR REGISTRATION OF INTELLECTUAL RIGHTS	645
<i>Novoselova Lyudmila, Grin Elena</i>	
SUBSTITUTION OF THE LABOR MARKET IN THE CONSTRUCTION INDUSTRY BY TECHNICAL AND AUTOMATED SYSTEMS	650
<i>Prokhorov Sergey</i>	
TAX SYSTEM OF CONSOLIDATED TAXPAYERS GROUPS IN RUSSIA AND WAYS OF ITS IMPROVEMENT	658
<i>Leontieva Jamila, Klychova Guzalia, Zaugarova Evgenia, Zakirova Alsou, Klychova Aigul</i>	
THE EFFECTIVENESS OF HOUSING RENOVATION PROGRAMS IN THE RUSSIAN FEDERATION	671
<i>Kostrikin Pavel</i>	
STATE SUPPORT MECHANISMS OF SMALL AND MIDSIZE BUSINESS ENTITIES	679
<i>Vorobyeva Vera</i>	
MODELING OF THE INVESTMENT PROJECT OF CONSTRUCTION THE COTTAGE SETTLEMENT	684
<i>Malyuk Vladimir, Danilov Aleksandr</i>	
THE INFLUENCE OF FACTOR SPACE ON THE VALUE OF DISCOUNT RATE IN THE ASSESSMENT OF INVESTMENT PROJECTS	692
<i>Anoshina Yuliya, Gusev Valery, Suchkova Svetlana, Gorshkov Roman, Smorodina Elena</i>	
METHODS TO IMPROVE THE CAPITALIZATION LEVEL OF ENTERPRISES	698
<i>Anichkina Olga, Bogonosova Irina, Prykina Larisa, Dubrovskaya Tatyana, Zaretskikh Aleksey</i>	
SPECIFICITIES OF THE ESTIMATION OF EFFICIENCY OF INVESTMENT AND CONSTRUCTION PROJECTS AT VARIOUS STAGES OF THEIR LIFE CYCLE	705
<i>Bobkov Aleksandr, Orlov Boris, Belozerovala Nadezhda, Provotorov Ivan, Kozlova Irina</i>	
DEVELOPMENT OF THE MECHANISM OF MOTIVATION AND TANGIBLE INCENTIVISATION	710
<i>Lavrova Ludmila, Chernegov Nikolay, Ivanova Maria, Lemesheva Zhanna, Akimova Elena</i>	
DEVELOPMENT OF AN ASSESSMENT METHODOLOGY FOR INNOVATION ACTIVITY OF CONSTRUCTION ENTERPRISES	716
<i>Shovunova Natalia, Vorobyev Dmitry, Dikareva Varvara, Archakova Svetlana, Serebryakova Yelena</i>	
METHODOLOGICAL APPROACHES TO THE ASSESSMENT OF CAPITALIZATION OF CONSTRUCTION ENTERPRISES	722
<i>Luknanova Inessa, Chizhik Andrey, Fadeev Alexander, Lavrinenko Yaroslav, Sharapova Elena</i>	
MANAGEMENT OF THE INNOVATION AND INVESTMENT CYCLES AT THE ENERGY ENTERPRISES	729
<i>Zubeeva Elena, Mirgorodskaya Marina, Geraskin Yuri, Chugunov Andrei, Belyantseva Oksana</i>	
METHODS FOR ASSESSING THE EFFICIENCY OF INNOVATION ACTIVITY OF ENTERPRISES OF THE ELECTRIC POWER INDUSTRY	736
<i>Gusev Valery, Naumkina Tatiana, Voytolovskiy Nikolay, Minaeva Elena, Zemskova Olga</i>	
MANAGEMENT OF INNOVATION PROCESSES AT THE ENTERPRISES OF THE CONSTRUCTION MATERIALS INDUSTRY	744
<i>Voytolovskiy Nikolay, Maslyukova Ekaterina, Aleksandrova Margarita, Dikareva Varvara, Fadeev Alexander</i>	
THE SYSTEM OF MANAGEMENT OF INNOVATIVE POTENTIAL OF ECONOMIC SYSTEMS	752
<i>Kostyshak Mikhail, Poletaeva Larisa, Ershova Natalia, Sarukhanyan Ruzanna, Petrikova Zinaida</i>	
ASSESSMENT OF EFFICIENCY OF INNOVATIVE HEAT-INSULATING MATERIALS' USAGE AT IMPLEMENTATION OF URBAN CONSTRUCTION PROJECTS	759
<i>Papelniuk Oksana</i>	
THEORETICAL ASPECTS OF SUBSTANTIATING THE EFFICIENCY OF ECONOMIC DECISIONS AIMED AT DEVELOPMENT OF HIGH-RISE HOUSING CONSTRUCTION	764
<i>Nezhnikova Ekaterina</i>	

ORGANIZATIONAL AND TECHNICAL SUPPORT OF COMPLIANCE OF THE ENERGY PERFORMANCE CLASS WITH THE PERFORMANCE STANDARDS FOR CONSTRUCTION OF HIGH-RISE RESIDENTIAL BUILDINGS	769
<i>Larionov Arkadiy</i>	
INNOVATIVE CONSTRUCTION TECHNOLOGY FOR THE DEVELOPMENT OF URBAN SPACE	775
<i>Kurakova Oksana</i>	
ALTERNATIVE FINANCIAL MODELS FOR ATTRACTING INVESTMENTS IN MUNICIPAL INVESTMENT AND CONSTRUCTION PROJECTS	780
<i>Kurakova Oksana</i>	
APPLICATION OF MACHINE LEARNING METHODS IN BIG DATA ANALYTICS AT MANAGEMENT OF CONTRACTS IN THE CONSTRUCTION INDUSTRY	785
<i>Valpeters Marina, Kireev Ivan, Ivanov Nikolay</i>	
BIG DATA: PERSPECTIVES OF USING IN URBAN PLANNING AND MANAGEMENT	796
<i>Ivanov Nikolay, Gnevanov Maxim</i>	
PECULIAR FEATURES OF SOCIAL INFRASTRUCTURE DEVELOPMENT FOR THE PURPOSES OF ENHANCEMENT OF URBAN ENVIRONMENT COMFORT	801
<i>Orlov Alexandr, Chubarkina Irina</i>	
THE OFFSHORE COMPANIES IN CONSTRUCTION: THEORY AND PRACTICE	809
<i>Matusevich Alexander</i>	
A SELECTIVE STUDY OF INFORMATION TECHNOLOGIES TO IMPROVE OPERATIONS EFFICIENCY IN CONSTRUCTION	815
<i>Konikov Alexandr</i>	
FUZZY LOGIC IN CONSTRUCTION MANAGEMENT	822
<i>Klashanov Fjoder</i>	
MANAGEMENT IN THE HEAT-SUPPLYING ORGANIZATIONS ON THE BASIS OF BALANCE MODELS	828
<i>Evseev Evgeny, Kisel Tatiana</i>	
APPLICATION OF DIGITAL TECHNOLOGIES TO INCREASE BUSINESS ACTIVITY IN CONSTRUCTION	837
<i>Safronova Natalia, Budakov Alexey, Ivankina Elena</i>	
INSURANCE AS A FACTOR AFFECTING THE EFFECTIVENESS OF THE FINANCIAL MECHANISM OF THE GOVERNING STRUCTURES	849
<i>Vaynshok Natalia</i>	
COMPUTER-AIDED DESIGN AND COMPUTER-AIDED ENGINEERING	855
<i>Kolbasin Alexander, Husu Oksana</i>	
THE FORMATION OF A CRITERIA-BASED APPROACH IN THE DEVELOPMENT OF PROJECTS OF REDEVELOPMENT OF INDUSTRIAL REAL ESTATE	861
<i>Kankhva Vadim, Orlov Boris, Vorobyeva Alla, Belyaeva Svetlana, Petrosyan Rima</i>	
THEORETICAL JUSTIFICATION FOR DEVELOPMENT AS AN INSTITUTION FOR THE DEVELOPMENT OF INVESTMENT AND CONSTRUCTION	869
<i>Soboleva Elena</i>	
SUSTAINABLE ECONOMIC DEVELOPMENT AT THE MESO LEVEL: FACTORS AND RATINGS	874
<i>Kulakov Kirill, Belyaeva Svetlana, Belyantseva Oksana, Gamisoniya Anetta</i>	
ENSURING AND ASSESSING THE SUSTAINABILITY OF A MANAGEMENT SYSTEM OF THE INVESTMENT AND CONSTRUCTION COMPLEX AT THE MESO-LEVEL	885
<i>Uvarova Svetlana, Myshovskaya Ludmila, Kulakov Kirill</i>	
ALGORITHMS OF HIERARCHICAL MIXTURE OF OPINIONS OF EXPERTS IN PROBLEMS OF SYNTHESIS OF INFORMATION MANAGEMENT SYSTEMS CITY DEVELOPMENT	893
<i>Pocebneva Irina, Belousov Vadim, Fateeva Irina, Lukinov Vitaly, Folomeeva Tatyana</i>	
INTRODUCTION OF MANAGEMENT INNOVATIONS IN THE WORK OF MUNICIPAL ORGANIZATIONS	900
<i>Averina Tatiana, Avdeeva Elena, Perevalova Olga</i>	
COMPETITIVE MECHANISMS OF THE FUNCTIONING OF SOCIAL AND ECONOMIC SYSTEMS	910
<i>Poryadina Vera, Burkov Vladimir, Barkalov Sergey</i>	
ESTIMATION OF THE STATE OF THE ROAD INDUSTRY OF VORONEZH: WAYS OF MODERNIZATION AND MODERN METHODS OF ITS DEVELOPMENT	919
<i>Polovinkina Alla, Sviridova Tatyana, Kuleshova Irina</i>	
OPTIMAL PLACEMENT OF MAINTENANCE FACILITIES	925
<i>Barkalov Sergei, Kurochka Pavel, Nasonova Tatiana</i>	
SUBSTANTIATION OF THE METHODOLOGICAL APPROACH TO THE ASSESSMENT OF THE INVESTMENT CLIMATE OF THE REGIONS	935
<i>Uvarova Svetlana, Gumba Khuta, Lapaev Dmitriy</i>	
METHODICAL BASES FOR FORMING THE STRUCTURE OF MANAGEMENT OF INNOVATIVE ACTIVITY OF LARGE BUILDING HOLDINGS	943
<i>Sizova Evgeniya, Zhutaeva Evgeniya, Gorshkov Roman, Smirnov Vitaly, Kochetkova Elena</i>	
DEVELOPMENT OF OPTIMAL MANAGEMENT STRATEGIES FOR SUSTAINABLE DEVELOPMENT OF PORT CLUSTERS IN THE RUSSIAN FAR EAST	950
<i>Moiseeva Marina, Melnikova Marina, Ogneva Anna</i>	
REENGINEERING OF PROCESSES OF CLASSIFICATION IN NEURAL INTELLECTUAL INFORMATION SYSTEMS OF CITY DEVELOPMENT	955
<i>Belousov Vadim, Kurochka Pavel, Nasonova Tatyana, Narezhnaya Tamara, Spitsov Dmitriy</i>	

METHODOLOGY FOR DETERMINATION OF THE PRIORITY DIRECTIONS FOR THE CITY'S INDUSTRIAL DEVELOPMENT	961
<i>Palatkin Ivan, Pavlov Alexander, Kudryavtsev Alexander</i>	
REVITALIZATION OF URBAN AREAS ON THE BASIS OF INDUSTRIAL PARKS	967
<i>Filatov Vladimir, Yazev Grigory, Sagina Oksana</i>	
RENOVATION OF INDUSTRIAL TERRITORIES IN SINGLE INDUSTRY TOWNS ON THE BASIS OF INDUSTRIAL PARKS	979
<i>Filatov Vladimir, Dibrova Zhanna, Zhukova Natalya</i>	
EVOLUTION OF MANAGEMENT OF LOCAL DEVELOPMENT PROCESSES (ON THE EXAMPLE OF BAGRATIONOVSKY DISTRICT OF THE KALININGRAD REGION)	989
<i>Gorokhov Andrey, Ignatyev Alexey, Smirnov Vitaly</i>	
CRITERIA OF THE ESTIMATION OF RESIDENTIAL APPEAL OF THE TERRITORIES IN THE CONSTRUCTION OF HIGH-RISE COMPLEXES	994
<i>Manukhina Lyubov</i>	
ORGANIZATION AND MANAGEMENT OF MOBILITY OF BUILDING PRODUCTION AND ITS DISTINCTIVE FEATURES	1000
<i>Manukhina Lyubov, Prykina Larisa</i>	
GRAPH-ANALYTICAL INTERPRETATION AND MODELING OF PHASE PORTRAITS OF CELLULAR STRUCTURES DURING THEIR PHASE TRANSFORMATIONS	1006
<i>Kulikov Vladimir</i>	
METHODOLOGY FOR ECONOMIC ASSESSMENT OF ENERGY-SAVING SOLUTIONS IN THE RECONSTRUCTION PROJECTS OF RESIDENTIAL BUILDINGS	1015
<i>Politi Violetta</i>	
SAINT-PETERSBURG LANDSCAPE SCENARIOS AND GREEN ARCHITECTURE IN THE STRATEGY OF URBAN DEVELOPMENT	1023
<i>Vaytens Andrey, Yankovskaya Yulia</i>	
SIGNIFICANCE OF MANAGEMENT IN VALORIZATION OF OLD URBAN UNITS BASED ON MONTENEGRIN EXAMPLE	1033
<i>Alihodzic Rifat</i>	
A BUSINESS BALANCE MODEL OF INTERACTION BETWEEN STRUCTURES PARTICIPATING IN SUSTAINABLE DEVELOPMENT OF CITIES	1047
<i>Kamenik Ludmila</i>	
INTEGRATION CAPACITY OF RUSSIA'S FAR EAST IN MULTIPOLAR WORLD	1057
<i>Sorokin Mikhail, Sorokin Aleksei</i>	
STRATEGIC MAP AS A TOOL FOR INCREASING THE INVESTMENT ATTRACTIVENESS OF THE REGIONAL CONSTRUCTION SECTOR: CASE OF THE MURMANSK REGION	1064
<i>Kozlov Aleksandr, Teslya Anna, Tereshko Ekaterina</i>	
INDUSTRIAL CLUSTERS IN ST. PETERSBURG AS A BASIS FOR DEVELOPMENT OF ARCTIC TERRITORIES	1073
<i>Khutieva Elena, Maizel Alexander, Vlasova Marina</i>	
INNOVATIVE PROJECTS FOR SUSTAINABLE DEVELOPMENT OF CITIES (CASE OF SAINT-PETERSBURG)	1078
<i>Evseeva Svetlana, Kalchenko Olga, Evseeva Oksana</i>	
THE MOON INFLUENCE ON VERTICAL LINES DEVIATIONS AS GEODETIC INSTRUMENTS OF URBAN TERRITORIES DEVELOPMENT	1089
<i>Kravchenko Yuriy</i>	
MONITORING AS AN INSTRUMENT OF SUSTAINABLE URBAN DEVELOPMENT	1098
<i>Kharlamova Tatyana</i>	
CLUSTER POLICY IN CONDITIONS OF INNOVATIVE DEVELOPMENT OF THE REGION	1104
<i>Ushakova Elena, Voronina Elena, Kim Olga, Fugalevich Elena</i>	
CHANGE OF THE FUNCTIONAL PURPOSE OF THE OBJECT THROUGH URBANISTIC ANALYSIS	1110
<i>Talipova Liliia, Kosyakov Egor, Romanovich Marina, Lunyakov Mikhail</i>	
PLANNING OF THE TERRITORY OF LARGE CITIES OF RUSSIA IN THE INTERESTS OF THEIR SUSTAINABLE DEVELOPMENT	1118
<i>Popova Olga, Perekopskaya Marina, Godunova Galina</i>	
REALIZATION OF SMART CITY CONCEPT THROUGH MEDIA TECHNOLOGY IN ARCHITECTURE AND URBAN SPACE: FROM UTOPIA TO REALITY	1126
<i>Adonina Anna, Akhmedova Elena, Kandalova Alla</i>	
SPATIAL ASPECTS OF URBAN PLANNING: A CASE STUDY FOR SAINT-PETERSBURG AGGLOMERATION	1133
<i>Garmanov Vitaly, Bogdanov Vladimir, Badenko Vladimir, Zaikin Vladimir</i>	
PRE-PROJECT EVALUATIONS OF ALL-RUSSIAN EXHIBITION CENTER LANDSCAPE PARK PONDS CONDITION	1139
<i>Frishter Lyudmila</i>	
INNOVATION PROCESSES MANAGEMENT AND ITS EFFICIENCY FOR AREA DEVELOPMENT	1147
<i>Chirkunova Ekaterina, Belanova Natalya, Kornilova Anna, Ryduk Natalya</i>	

PART 3

SOILS SWELLING AS A REGIONAL FEATURE OF WESTERN SIBERIA	1153
<i>Eremín Dmitry</i>	
METHODOLOGY OF PLANNING SOCIAL INFRASTRUCTURE DEVELOPMENT TO CREATE A COMFORTABLE URBAN ENVIRONMENT	1160
<i>Ershova Svetlana, Orlovskaya Tamara, Shishelova Svetlana</i>	
FUNCTIONAL AND SPATIAL MODEL OF UNIVERSITY COMPLEXES TRANSFORMATION INTO STRUCTURAL ELEMENTS OF SAMARA-TOGLIATTI AGGLOMERATION INNOVATIVE DEVELOPMENT CLUSTER	1166
<i>Akhmedova Elena, Zhogoleva Anna</i>	
MEASUREMENT ERRORS OF ELECTROMAGNETIC FIELDS OF INDUSTRIAL FREQUENCY IN URBAN AREAS	1173
<i>Amirkhanyan Mariya, Bryukhan Fedor</i>	
FORMATION OF “URBAN PLANNING” INDICATORS FOR “SMART CITY” CONCEPT (ON THE EXAMPLE OF SKOLKOVO, MOSCOW)	1178
<i>Chudiniva Olga, Afonina Marina</i>	
CHARACTERIZATION OF THE NEW DORMITORY TOWNS VISUAL ENVIRONMENTS AND ITS PERCEPTUAL INFLUENCE ON THEIR RESIDENTS	1187
<i>Luchinin Nikita, Asylgaraeva Margarita, Startsev Sergey, Samosudova Natal'Ja</i>	
ZONING OF THE TERRITORY WITH SNOW REMOVAL USING SNOW MELTING PLANTS	1195
<i>Ivanova Anastasia, Pavlov Sergey, Akimov Luka, Zakharova Lidya</i>	
GEOELECTRICAL SURVEY OF ACTIVE LAYER DEPTH IN URBAN AND MATURE ENVIRONMENTS OF YAMAL REGION	1201
<i>Alekseev Ivan, Abakumov Evgeny, Akimov Luka, Vorona-Slivinskaya Lubov</i>	
DRAINAGE OF SMALL VOLUME RESERVOIRS ON THE TECHNOGENIC TERRITORIES	1208
<i>Davydova Yana, Volkova Yulia, Nikonorov Aleksandr, Aleksandrovskiy Maksim</i>	
DESIGN AND IMPROVEMENT OF FOUNDATION SOIL FOR HIGH-RISE CONSTRUCTION	1215
<i>Fahmi Kwa Sally, Fattah Mohammed Y., Pustovgar Andrey</i>	
PROGNOSTICATION OF RELATIONS BETWEEN THE BUILDINGS AGE AND DETERIORATION OF CONSTRUCTION	1224
<i>Novitskii Dmitrii, Romanovich Marina, Makhov Dmitry</i>	
SANITATION OF THE BUILDINGS OF THE FIRST MASS SERIES IN ARKHANGELS	1230
<i>Brenchukova Nina, Popova Olga, Murgul Vera</i>	
PROSPECTS OF ELECTRIC HEATING APPLYING IN RUSSIAN CITIES TO ENSURE THEIR SUSTAINABLE DEVELOPMENT	1236
<i>Okorokov Roman, Timofeeva Anna</i>	
SUSTAINABLE DEVELOPMENT AND RECONSTRUCTION OF THE ARCHITECTURAL ENSEMBLE IN KIRZHACH, DEPENDING ON THE NATURAL PROCESSES ON ITS TERRITORY	1244
<i>Chernyshev Sergey, Evgrafov Aleksey, Evgrafova Irina</i>	
UNIVERSITY ENERGY MANAGEMENT IMPROVEMENT ON BASIS OF STANDARDS AND DIGITAL TECHNOLOGIES	1251
<i>Novikova Olga, Shirokova Svetlana, Tabakova Anastasiia, Shadrin Aleksandr</i>	
DANGER OF UNDERGROUND EROSION AND SINKING OF THE BUILDING OF PUMPED STORAGE ENERGY PLANT IN ZAGORSK	1259
<i>Lavrusevich Andrey</i>	
METAL IN THE DESIGN OF PUBLIC TRANSPORT STOPS	1265
<i>Gnatiuk Liliia, Novik Hanna</i>	
GYPSUM COMPOSITES, IMPROVED BY APPLYING BASALT DUST	1273
<i>Petropavlovskaya Victoria, Buryanov Aleksandr, Novichenkova Tatiana, Petropavlovskii Kirill</i>	
PROVIDING ACOUSTIC COMFORT OF BUILT-UP ZONES AND ROOMS IN URBAN PLANNING	1280
<i>Bespalov Vadim, Samarskaya Natalia, Lysova Ekaterina, Akay Oksana</i>	
REASONABILITY TO USE DEVICE FOR MAKING HORIZONTAL WEDGE THRUST OF ROLLING STAND	1288
<i>Artiukh Viktor, Mazur Vladlen, Kargin Sergey, Bushuev Nikolay</i>	
A VARIATIONAL METHOD IN THE PROBLEM OF CONVECTIVE HEAT TRANSFER NEAR THE VERTICAL PLANE OF THE OUTER BUILDING FENCE IN TERMS OF FREE AIR MOVEMENT	1295
<i>Aksenov Andrey</i>	
PROBLEMS OF LOGICAL-MATHEMATICAL MODELING IN THE COURSE OF CRIBWORK QUAY DESIGN: INNOVATIVE METHODS OF CIVIL ENGINEERING	1304
<i>Pryadko Igor</i>	
MOISTURE BEHAVIOR CALCULATION OF SINGLE-LAYER ENCLOSING STRUCTURE BY MEANS OF DISCRETE-CONTINUOUS METHOD	1312
<i>Gagarin Vladimir, Akhmetov Vadim, Zubarev Kirill</i>	
EVOLUTION OF MEDICAL ARCHITECTURE	1318
<i>Tesler Nadezhda</i>	
THE MAIN DIRECTIONS OF INCREASING THE RELIABILITY OF GAS DISTRIBUTION SYSTEMS IN HIGH-RISE DISTRICTS	1325
<i>Zhila Viktor, Solovyeva Elena</i>	

TO THE ISSUE OF ENERGY EFFICIENCY OF USING FREQUENCY-CONTROLLED CENTRIFUGAL PUMP UNITS	1331
<i>Dmitriev Alexey, Gerasimov Vyacheslav</i>	
EVALUATION OF MINERAL FIBER PROPERTIES USING X-RAY FLUORESCENCE ANALYSIS AND MEASUREMENT OF NATURAL RADIOACTIVITY	1336
<i>Medvedev Andrey, Bobrova Ekaterina, Poserenin Alexey, Zarmanyan Ervand</i>	
DRILLING-AND-BLASTING METHOD OF DEMOLITION	1342
<i>Sinitsyn Denis</i>	
REPAIR WITH RESOURCE RESERVE	1348
<i>Varnikov Valeriy</i>	
THE CLAYS AFTER HEAT TREATMENT AS THE CONCRETE ACTIVE MINERAL ADDITIVE	1356
<i>Bazhenova Olga, Bazhenova Sofya, Nemirova V., Bazhenov Dmitriy</i>	
MODIFIED GYPSUM BINDER	1361
<i>Kodzoev M-B., Isachenko S., Kosarev S., Basova A., Skvortzov A., Asamatdinov M., Zhukov A.</i>	
A NEW METHOD FOR CALCULATING THE COMBINED ANCHOR-CONCRETE SUPPORT OF UNDERGROUND STRUCTURES	1368
<i>Pleshko Mikhail, Meskhi Besarion, Pleshko Marianna</i>	
ABOUT MATHEMATICAL MODELING OF AERODYNAMIC CHARACTERISTICS IN DEVICES WITH A LEAKAGE OF THE IMPACT SYSTEMS OF PLANE-PARALLEL STREAMS ON THE HEAT EXCHANGE SURFACE	1373
<i>Haritonova Larisa, Azarov Valery, Stefanenko Igor</i>	
CONSTRUCTIVE FEATURES OF THE BANK PROTECTION STRUCTURE OF WATER RECREATION FACILITY IN ARKHANGELSK	1381
<i>Kopteva Anna, Lukin Alexey</i>	
INVESTIGATION OF CHANGES IN THE PHYSICAL PROPERTIES OF THE SANDY SOIL IN GEOTECHNICAL CONTROL OF THE ROAD EMBANKMENT	1391
<i>Yanina Olga, Chigarev Anton, Yanin Alexander, Kalugin Peter, Yanina Yanina</i>	
DEVELOPMENT OF REQUIREMENTS FOR THE BIM MODEL OF THE ARCTIC PORT FACILITIES EXPLOITATION	1395
<i>Garibin Pavel, Ol'Khovik Evgeniy</i>	
ADAPTERS FOR METALLURGICAL EQUIPMENT	1401
<i>Artiukh Viktor, Mazur Vladlen, Kargin Sergey, Zakharova Lidya</i>	
PARAMETRIC OPTIMIZATION OF AUTOCLAVE CURING FOR ENERGY COST REDUCTION OF FIBER CEMENT PANELS	1410
<i>Mukhametrakhimov Rustem, Lukmanova Liliya</i>	
FEATURES OF THE HYDRATION PROCESS OF THE MODIFIED BLENDED CEMENT FOR FIBER CEMENT PANELS	1416
<i>Mukhametrakhimov Rustem, Lukmanova Liliya</i>	
TECHNOLOGICAL PARAMETER OPTIMIZATION OF MULTILAYER ENCLOSURE STRUCTURES WITH THE MULTIPLE-CRITERIA DECISION ANALYSIS	1423
<i>Korol Elena, Mostovoy Daniil, Pleshivcev Alexander</i>	
APPLICATION OF RFID COMBINED WITH BLOCKCHAIN TECHNOLOGY IN LOGISTICS OF CONSTRUCTION MATERIALS	1434
<i>Lanko A., Vatin N., Kaklauskas A.</i>	
SYSTEM ANALYSIS OF THE QUALITY OF MESHES IN HBIM	1440
<i>Fateeva Elizaveta, Badenko Vladimir, Fedotov Alexandr, Kochetkov Ivan</i>	
MODELING OF HEAVY ARMOCEMENT DEFORMATION FOR THE CONICAL SHAPE OF THE HEAT ACCUMULATOR BODY BY THE METHODS OF COMPUTER ENGINEERING	1447
<i>Chugunov Alexander, Shishov Dmitry, Nikonorov Aleksandr, Filatov Vladimir</i>	
EVALUATION OF THE ECOTOXICOLOGICAL STATE OF SELECTED SOILS FROM URBAN ENVIRONMENTS OF RUSSIAN ARCTIC WITH THE AIM TO SUBSTANTIATE RECLAMATION AND RESTORATION STRATEGIES	1456
<i>Alekseev Ivan, Abakunov Evgeny, Petrova Alina, Vorona-Slivinskaya Lubov</i>	
MODELING FEATURES OF SUSTAINABLE URBAN DEVELOPMENT IN MODERN CONDITIONS OF WATER SUPPLY	1464
<i>Furtatova Alina, Kamenik Lyudmila</i>	
THE USING OF ION EXCHANGE METHOD OF URBAN TERRITORIES' SUB-SURFACE WATERS PURIFICATION IN SAKHA (YAKUTIA)	1472
<i>Fedorova Svetlana, Kryzhanovskiy Anatolii</i>	
MOBILE PLANTS FOR PLASMA CHEMICAL WATER TREATMENT	1479
<i>Bruyako Michail, Grigoreva Larisa</i>	
ADSORPTION PROCESSES IN SOLVING ENVIRONMENTAL PROBLEMS IN WATER SOURCES OF URBAN TERRITORIES DEVELOPMENT	1485
<i>Krasnova Tamara, Kirsanov Mikhail, Belyaeva Oxana, Timoshchuk Irina</i>	
ECOLOGICAL ENGINEERING OF THE SIXTH INNOVATION WAVE IN SYSTEM OF CONTINUOUS TRAINING AND MUNICIPAL FACILITIES DEVELOPMENT	1495
<i>Lepeshev Anatoly, Kuimov Vasilii, Sidorkina Olesya, Kozlov Anatolii, Pogrebnaya Tatyana</i>	
TRAN BOUNDARY POOL OF THE IRTYSH RIVER: PROBLEMS' SOLUTIONS OF MUNICIPAL FACILITIES AND URBAN DEVELOPMENT	1504
<i>Vinokurov Yuriy, Krasnoyarova Bella</i>	

GIS USE IN SOLVING WATER SUPPLYING AND WATER ENVIRONMENTAL PROBLEMS OF URBAN TERRITORIES	1516
<i>Kurepina Nadezhda, Rybkina Irina</i>	
RECREATIONAL AREAS AS A BASIS OF THE MUNICIPAL AND URBAN TERRITORIES' ECOLOGICAL FRAMEWORK	1524
<i>Ketova Eugenia, Lesotova Julia</i>	
INFLUENCE OF THE ENVIRONMENTAL FACTORS ON THE COASTAL ZONES FORMATION IN THE SIBERIAN URBAN TERRITORIES	1529
<i>Ketova Eugenia, Burilo Nadezhda</i>	
BALANCED SCORE CARD FOR CLUSTER OF BUILDING MATERIALS SCRAP RECYCLING IN VORONEZH	1535
<i>Potekhi Igor</i>	
METHODOLOGY OF PLANNING OF LANDSCAPE AND ECOLOGICAL SUSTAINABILITY OF NATURAL COMPONENTS IN THE VIRTUAL MODEL (ON THE EXAMPLE OF VOLGOGRAD)	1542
<i>Ivanova Nina, Ganzha Olga, Prokopenko Vyacheslav</i>	
APPLICATION OF PHYSICAL AND ENERGETIC APPROACH TO ESTIMATION AND SELECTION OF ATMOSPHERIC PROTECTION SYSTEMS FOR ENERGETIC DEVICES	1552
<i>Lysova Ekaterina, Paramonova Oksana, Samarskaya Natalia, Gyrova Oksana, Tsarevskaya Irina</i>	
PHYSICAL AND ENERGETIC APPROACH TO PROVIDING SOLID WASTES HANDLING SYSTEM WITH ENVIRONMENTAL SAFETY	1560
<i>Paramonova Oksana, Bepalov Vadim, Gurova Oksana, Krivtsova Natalya</i>	
LABORATORY VARIETAL CONTROL AS A GUARANTEE OF SUCCESSFUL WORK OF AGRIBUSINESS IN RUSSIA	1568
<i>Lyubimova Anna, Eremin Dmitry</i>	
IT-TECHNOLOGIES IN SOIL INFORMATICS AND RUSSIAN AGRIBUSINESS	1575
<i>Eremina Diana</i>	
THE ASSESSMENT OF THE TANK FOUNDATION CARRYING CAPACITY UNDER THE CONDITIONS OF SEISMIC DANGER	1581
<i>Koretskaya Natalia, Grib Nikolay</i>	
THERMAL BALANCE IN THE PROCESS OF FRESH WATER PRODUCTION FROM ATMOSPHERIC AIR USING THE SEA WAVES RENEWABLE ENERGY	1587
<i>Mironov Victor, Ivanyushin Yuriy, Zhernakov Evgeniy, Mironov Dmitry</i>	
ASSESSMENT OF URBAN ENVIRONMENT SAFETY FOR PUBLIC HEALTH	1596
<i>Molev Mikhail, Zanina Irene, Chertov Yuri, Shemetov Alexey</i>	
ENERGY EFFICIENCY IN MUNICIPAL WASTE TREATMENT	1602
<i>Vialkova Elena, Zemlyanova Marina, Danilov Oleg</i>	
LIFE CYCLE COST MANAGEMENT OF BLOWER STATION CONSTRUCTION FOR WASTEWATER UTILITY	1612
<i>Bazhenov Victor, Ustiuzhanin Andrei</i>	
REGARDING SOME ASPECTS OF ECONOMIC FEASIBILITY FOR THE TRANSPORT INTEGRATED USE IN FAVOR OF ENVIRONMENTAL SECURITY	1621
<i>Kazaryan Ruben</i>	
THE IMPACT OF HUGE TRANSPORT PPP PROJECTS ON RUSSIAN FEDERATION SOCIO-ECONOMIC DEVELOPMENT	1627
<i>Sablina Alisa, Dubolazov Viktor</i>	
MAIN STAGES OF EFFECTIVE TRANSPORT MANAGEMENT SYSTEM MODERNIZATION IN RUSSIAN AGGLOMERATIONS	1635
<i>Schwetsov Vladimir, Burmistrov Andrey, Morozov Vsevolod</i>	
THE IMPACT OF TRANSPORT INFRASTRUCTURE ON ECOLOGICAL STATUS OF ARABLE LAND IN WESTERN SIBERIA	1643
<i>Eremina Diana</i>	
CREATION OF TRANSPORT HUBS FOR THE INCREASE IN INVESTMENT ATTRACTIVENESS OF THE CITY	1651
<i>Vasilyeva Elena</i>	
ALGORITHMS OF DATA CLUSTERING IN ASSESSING THE TRANSPORT INFRASTRUCTURE OF THE REGION	1659
<i>Popova Olga, Kuznetsova Elena, Sazonova Tatiana</i>	
YACHTING AND COASTAL MARINE TRANSPORT DEVELOPMENT IN BLACK SEA COAST OF RUSSIA	1669
<i>Dreizis Yuriy, Potashova Irina</i>	
ANALYSIS OF THE OFFER AND DEMAND FOR THE TRANSPORTATION OF PEOPLE FROM A SETTLEMENT IN THE CITY OF SKOPJE	1683
<i>Zafirovski Zlatko, Gacevski Vasko, Krakutovski Zoran, Ognjenovic Slobodan</i>	
CLASSIFICATION OF RUSSIAN CITIES BY LEVELS OF ROAD TRAFFIC SAFETY: SPECIFICS OF REQUIRED MANAGEMENT DECISIONS	1689
<i>Petrov Artur, Petrova Daria</i>	
SIMULATION OF QUEUE LENGTH AND VEHICLE DELAYS ON SIGNAL-CONTROLLED INTERSECTION	1696
<i>Leverents Evgeny, Andronov Roman, Anufrieva Tatiyana</i>	

NEURAL NETWORK TECHNIQUE WHEN DISTRIBUTION OF VEHICLE COMPONENT PARTS ON THE TECHNOLOGICAL REPAIR ROUTES, TAKING INTO ACCOUNT THEIR TECHNICAL CONDITION	1704
<i>Krasovsky Valentin, Krasovskaya Nina, Poptsov Victor, Nordman Irina</i>	
PUBLIC-PRIVATE PARTNERSHIP AS A FINANCIAL INSTRUMENT FOR THE TRANSPORT INFRASTRUCTURE MODERNIZING	1715
<i>Makarov Ivan, Plotnikov Vladimir</i>	
EVALUATION OF THE TRAFFIC SIGNAL REGULATION EFFICIENCY OF CROSSROADS WITH UNSTABLE TRANSPORT DEMAND BY TIME	1722
<i>Anisimov Ilya, Burakova Anastasia, Burakova Olga, Burakova Lyudmila</i>	
Author Index	