

**4th INTERNATIONAL MULTIDISCIPLINARY
SCIENTIFIC CONFERENCE ON SOCIAL SCIENCES AND ARTS**

S G E M 2 0 1 7



URBAN PLANNING, ARCHITECTURE & DESIGN

CONFERENCE PROCEEDINGS

VOLUME II

**URBAN STUDIES, PLANNING AND DEVELOPMENT,
ARCHITECTURE AND DESIGN**

24 – 30 August, 2017

Albena Co., Bulgaria

DISCLAIMER

This book contains abstracts and complete papers approved by the Conference Review Committee. Authors are responsible for the content and accuracy.

Opinions expressed may not necessarily reflect the position of the International Scientific Council of SGEM.

Information in the SGEM 2017 Conference Proceedings is subject to change without notice. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of the International Scientific Council of SGEM.

Copyright © SGEM2017

All Rights Reserved by the SGEM International Multidisciplinary Scientific Conference on SOCIAL SCIENCES and ARTS

Published by STEF92 Technology Ltd., 51 “Alexander Malinov” Blvd., 1712 Sofia, Bulgaria

Total print: 5000

ISBN 978-619-7408-25-6

ISSN 2367-5659

DOI: 10.5593/sgemsocial2017/52

**SGEM INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC CONFERENCE ON
SOCIAL SCIENCES AND ARTS**

Secretariat Bureau

E-mails: sgem@sgemsocial.org

URL: www.sgemsocial.org

CONFERENCE PROCEEDINGS CONTENTS

SECTION URBAN STUDIES

1. A METHODOLOGICAL APPROACH TO DEVELOP A TYPOLOGY OF CONTEMPORARY URBANIZATION PROCESSES FOR NATURAL RESOURCE REGIONS OF SIBERIA, Irina P. Vorontsova, Lyudmila K. Vitkovskaya Ivan A. Drobyshev, Aleksandr N. Pozdeev., Siberian Federal University, Russia	3
2. AN APPROACH TO SUSTAINABLE DEVELOPMENT WITHIN THE HRADEC KRÁLOVÉ -PARDUBICE BIOCENTRIC AGGLOMERATION, Ing. Lucie Teslikova Hurdalkova, Ing. arch. Dagmar Kuta, VSB - Technical University of Ostrava, Czech Republic	11
3. HOUSEHOLD MOBILITY IN LATVIA: CURRENT SITUATION AND PROSPECTS FOR THE PROMOTION OF SUSTAINABLE MOBILITY, MSc Env. Zanda Krukle, MSc Pol Kristine Gaugere, University of Latvia, Latvia.....	19
4. THE ANALYSIS OF THE DOMESTIC AND FOREIGN PRACTICE OF THE DEVELOPMENT OF CREATIVE INDUSTRIES AND SPACES IN THE CONDITIONS OF A MODERN TOWN, Prof. Larisa Ermakova, PhD Daria Sukhovskaya, Pyatigorsk State Linguistic University, Russia	31
5. ASPECT OF ENVIRONMENTAL PROTECTION IN THE SHAPING OF SUSTAINABLE RESIDENTIAL DEVELOPMENTS ACCORDING TO THEIR USERS. POLAND, THE NETHERLANDS, Magdalena Jagiello-Kowalczyk, Cracow University of Technology, Poland.....	39
6. ASPECTS REGARDING THE ROMANIAN BLACK SEA COAST HISTORICAL HERITAGE AND ITS IMPORTANCE IN THE GENERAL MARITIME PLANNING, Emanuel Plopeanu, Ovidius University of Constanta, Romania.....	49
7. ASSESSMENT OF ENVIRONMENTAL SITUATION AND WILLINGNESS OF URBAN POPULATION TO PARTICIPATE IN SOLVING ENVIRONMENTAL PROBLEMS, Zotov V.V., Yushin V.V., Prelikova E.A., Kursk Academy of State and Municipal Service, Russia.....	57
8. BUILT ENVIRONMENT AND CONCEPTS OF TIME AND PERMANENCE, Aleksandar Kosina, Faculty of Technical Sciences, University of Novi Sad, Serbia	65
9. BUYING MOTIVES OF GREEN CUSTOMER IN AUTOMOTIVE INDUSTRY, Jan Pekarek, Dr. David Schuller, Brno University of Technology Faculty of Business and Management, Czech Republic.....	73

10. CHARGING SUPPLY MEASUREMENT: THE CASE OF CZECH REPUBLIC , Jan Pekarek, Dr. David Schuller, Brno University of Technology Faculty of Business and Management, Czech Republic.....	81
11. COMMERCIAL SUBURBANIZATION IN NITRA CITY , Mgr. Milan Midler, Doc. RNDr. Alena Dubcova, CSc., Constantine The Philosopher University in Nitra, Slovakia	89
12. CURRENT POLICY AND SUPPORT IN THE ADVERTISING INDUSTRY IN THE ZILINA REGION , Miriam Garbarova, Petra Holla Bachanova, Lukas Vartiak, University of Zlina, Slovakia.....	97
13. ENVIRONMENTAL IMPACT OF TRANSPORTATION INFRASTRUCTURE IN PROJECT ASSESSMENT , Petr Varbuchta, Hana Kovarova, doc. Vit Hromadka Ph.D., Eva Vitkova Ph.D., Brno University of Technology Faculty of Civil Engineering, Czech Republic.....	105
14. ENVIRONMENTAL PROBLEMS OF GLOBAL CITIES IN CHINA: THEORY AND PRACTICE , Assist. Prof. Ksenia Gennadiievna Muratshina, Bachelor Student Anastasiya Sergeevna Nefedova, Ural Federal University, Russia.....	111
15. EVALUATION OF THE INFLUENCE OF THE DIFFERENT POSSESSIVE MODELS OF THE WATER INFRASTRUCTURE ON THE PRICE OF WATER IN THE CZECH REPUBLIC , Lukas Labudek, M.Sc., Veronika Roudna, M.Sc. et M.Sc., Jiri Nowak, B.Sc., Assoc. Prof. Alena Ticha, M.Sc., Ph.D., Brno University of Technology Faculty of Civil Engineering, Czech Republic.....	117
16. FORMATION OF THE HUMAN CAPITAL OF CITIES WITHIN THE FRAMEWORK OF SUSTAINABLE DEVELOPMENT , Assoc. Prof. Svetlana B. Globa, Assistant professor Victoria V. Berezovaya, Assoc. Prof. Irina S. Bagdasaryan, Dr. Elena N. Sochneva, Siberian Federal University, Russia.....	125
17. INCREASING THE COMPETITIVENESS OF THE CITY BY ELIMINATING THE ASYMMETRY OF SPATIAL DEVELOPMENT , Assoc. Prof. Svetlana B. Globa, Prof. Angelika Mettke, Assistant professor Victoria V. Berezovaya, Assoc. Prof. Nina M. Butakova, Victoria Arnold, Siberian Federal University, Russia.....	135
18. INFLUENCE OF ANTISOCIAL ACTIVITIES ON SECURITY AND QUALITY OF LIFE , Ing. Jozef Kubas, MUDr. Ing. PhD. Zuzana Stofkova, University of Zilina Faculty of Security Engineering, Slovakia	143
19. INFORMATION AND COMMUNICATION TECHNOLOGY DEVELOPMENT AND NETWORKED READINESS IN THE CONTEXT OF “SMART” CITIES , Candidate of Science, Associate Professor Kazantseva N K, Assistant Professor Tkachuk G A, Master Student Ryabina V V, Ural Federal University named after the first President of Russia B. N. Yeltsin, Russia	151

20. LOCAL CENTERS FOR THE LOCAL COMMUNITY , Krashennnikov A.V., Kartashova K.K., Lazareva M.V., Moscow Architectural Institute - Urban Planning and Design, Russia	159
21. LOCATION OF PUBLIC CUBATURE CAR PARKS IN LARGE POLISH CITIES-CURRENT STATE AND DEVELOPMENT PERSPECTIVES , Agnieszka Szumilas, Robert Masztalski, Wroclaw University of Science and Technology, Poland	167
22. LONG-TERM DEVELOPMENT OF ELECTRIC POWER INDUSTRY USING SMART GRIDS , Andrey Berezin, Konstantin Gomonov, Vladimir Matyushok, Bruno Sergi, RUDN University, Russia.....	173
23. OBJECTS OF EXCLUSION: A KIND OF POPULAR DESIGN AS PREDICATE OF SURVIVAL , Marcus Dohmann, Federal University of Rio de Janeiro - Fine Arts School, Brazil	179
24. PLANNING SUSTAINABLE MANAGEMENT OF URBAN MUNICIPAL WASTE IN RUSSIA , Assist. Prof. Tatyana G. Krupnova, PhD ,Student Egor V. Artyukov, Assist. Prof. Viktor V. Trofimenko, PhD, South Ural State University, Russia	187
25. PREDICTING HOUSE PRICES USING BOTH GEOGRAPHICALLY WEIGHTED REGRESSION AND KRIGING METHODS , Anastasiia Yu. Timofeeva, Vladimir S. Timofeev, Novosibirsk State Technical University, Russia.....	195
26. PROTECTION, PROMOTION AND USE OF CULTURAL HERITAGE THROUGH THE ORGANIZATION OF EXPO 2022 AS A CHANCE TO SAVE THE POST-INDUSTRIAL CITY , Aneta Tylman, Monika Cysek-Pawlak, University of Lodz, Poland	203
27. RAILWAY STATION IN A SMALL TOWN - A PLACE OF INTEGRATION FOR LOCAL COMMUNITIES - EXAMPLES OF ADAPTATION IN THE POMERANIAN REGION , Magdalena Podwojewska, Gdansk University of Technology Architecture Faculty, Poland	211
28. RESEARCH OF SPATIAL DISTRIBUTION OF SOCIAL & BUSINESS ACTIVITIES IN A LARGE CITY USING GEOINFORMATION TECHNOLOGIES , Alexander Gushchin, Sergey Sanok, Yana Tatarnikova, Ural State University of Architecture and Arts, Russia.....	219
29. RESTRUCTURING OF SOCIAL SPHERE AS A STRATEGIC GUIDELINE FOR SUSTAINABLE DEVELOPMENT OF URBAN ENVIRONMENT , Rezer T.M., Ural Federal University named after the first President of Russia B. N. Yeltsin, Russia	227

30. SECURITY IN LOCAL GOVERNMENT OF THE SLOVAK REPUBLIC, Ing. Jozef Kubas, Ing. Viktor Soltes, University of Zilina Faculty of Security Engineering, Slovakia.....	235
31. SHAPING THE FUNCTIONAL AND SPATIAL STRUCTURE OF SELECTED FRAGMENTS OF KRAKOW, Tomasz Bajwoluk PhD in Arch, Cracow University of Technology, Poland.....	243
32. SMART CITY GROWTH: EXPERIENCE AND OPPORTUNITIES IN THE NORTH AND THE ARCTIC, Assoc. Prof. Svetlana B. Globa, Prof. Sergey I. Mutovin, Assistant professor Victoria V. Berezovaya, Dr. Nina M. Butakova, Siberian Federal University, Russia.....	251
33. SUSTAINABLE MANAGEMENT OF URBAN WASTEWATER IN THE RUSSIAN CITY, Assist. Prof. PhD Tatyana G. Krupnova, Student Evgeniy D. Scalev, Assist. Prof. Viktor V. Trofimenko, PhD, South Ural State University, Russia	259
34. THE LEGAL NATURE OF CONTROL REPORT DRAWN UP BY THE CONTROL STRUCTURES OF ROMANIAN COURT OF ACCOUNTS AS RESULT OF FINANCIAL AUDIT, Ph.Dr. Eugenia Iovanas, University Aurel Vlaicu, Faculty of Humaniste Science-Public Administration, Aurel Vlaicu University of Arad, Romania	267
35. THE LOCATION STUDY OF WROCLAW P&R FACILITIES BY THE USE OF FUZZY INFERENCE MODEL, Anna Lower, Michal Lower, Agnieszka Szumilas, Wroclaw University of Science and Technology, Poland	275
36. THE NEW PRINCIPLES OF DEVELOPMENT CONTROL IN RESIDENTIAL AREAS: THE CASE STUDY OF BAKU-CITY, Assoc. prof. Shahla Gahramanova, Prof. Shekhali Babayev, Azerbaijan University of Architecture and Construction, Azerbaijan	283
37. THE ROLE OF MUNICIPAL HOUSING STOCK MANAGEMENT IN SOCIAL COHESION IN POLAND, Andrzej Muczynski, Anna Banaszek, University of Warmia and Mazury in Olsztyn, Poland	293
38. THE VULNERABILITY OF INSOLATED COMMUNITIES AND BUILDINGS REARDING OF THE UTILITTIES ACCESS, Adriana Tokar, Diana Foris, Arina Negoitescu, Tiberiu Foris, Transilvania University of Brasov, Romania	301
39. UNEMPLOYMENT AND ITS SPECIFICS IN SLOVAKIA, Tomas Habanik, University of Ss. Cyril and Methodius in Tnava, Slovakia.....	309
40. URBANIZED TERRITORIES OF THE KRASNOYARSK KRAI, Assoc. Prof. Anna Semenova, Assoc. Prof. Irina Popelnitskaia, Prof. Eugenia Bukharova, Siberian Federal University, Russia.....	317

SECTION PLANNING AND DEVELOPMENT

41. DESIGN AND MANAGEMENT OF CONSTRUCTION PROJECTS, Ing. Zdenka Fridrichova, Czech Technology Platform, Czech Republic	327
42. ECONOMIC IMPACTS OF RAILWAY INFRASTRUCTURE PROJECTS AND THEIR EVALUATION, Tomas Funk, MSc., Assoc. Prof. Vit Hromadka, MSc., Ph.D., Brno University of Technology Faculty of Civil Engineering, Czech Republic.....	335
43. ELEMENTS OF PRECISION FARMING IN FORAGE PRODUCTION USING GEOINFORMATION TECHNOLOGIES, Prof. Dr. Faik Safiollin, Assoc. Prof. Dr. Marsel Hismatullin, Assoc. Prof. Dr. Svetlana Sochneva, Assoc. Prof. Dr. Elena Pudovik, Kazan State Agrarian University, Russia.....	343
44. EVALUATION AND COMPARISON OF INNOVATION POTENTIAL OF REGIONS IN CENTRAL EUROPE, Petr Hlavacek, Jan Evangelista Purkyně University, Czech Republic.....	349
45. IMPROVING RESILIENCE OF THE LOCAL PEOPLE BY FLOOD RISK MANAGEMENT (THE CASE STUDY OF VARNA CITY, BULGARIA), Assoc. Prof. Dr. Daniela Zlatunova, Sofia University St Kliment Ohridski - Faculty of Geology and Geography - Department Regional Development, Bulgaria.....	355
46. LAND USE CHANGES AND LANDSCAPE STABILITY: A CASE STUDY OF RADISA CATCHMENT (WESTERN SLOVAKIA), Dr. Matej Vojtek, Dr. Jana Vojtekova, Andrea Angelovicova, Constantine The Philosopher University in Nitra, Slovakia	363
47. LAND-USE CHANGES OF THE SLOVAK CULTURAL LANDSCAPE OVER THE PAST 250 YEARS (ON EXAMPLE LANDSCAPE TYPES), Martin Boltiziar, Branislav Olah, Igor Gallay, Constantine The Philosopher University in Nitra, Slovakia	371
48. SEED MANAGEMENT AND FORECASTING YAROW RAZE YIELD EXPERIENCE BASED ON GIS AND SPACE TECHNOLOGIES, Prof. Dr. Faik Safiollin, Assoc. Prof. Dr. Rustam Nizamov, Assoc. Prof. Dr. Marsel Hismatullin, Assoc. Prof. Dr. Irina Malganova, Kazan State Agrarian University, Russia.....	383
49. SLOPE PROTECTION IN URBAN GREEN AREAS: EXAMPLE OF WARSAW SLOPE IN “NA KSIĄŻĘCEM” PARK IN WARSAW, POLAND, Andrzej Długonski, Cardinal Stefan Wyszyński University in Warsaw, Poland.....	391
50. STRATEGIC PLANNING IN MUNICIPAL HOUSING MANAGEMENT IN POLAND, Andrzej Muczynski, University of Warmia and Mazury, Poland	399

51. THE IMPACT OF URBAN POLICY ON THE DEVELOPMENT OF THE HRADEC KRÁLOVÉ - PARDUBICE AGGLOMERATION, Ing. Lucie Teslikova Hurdalkova, Ing. arch. Dagmar Kuta, VSB - Technical University of Ostrava, Czech Republic.....407

52. TOWARDS THE HETEROGENEITY OR HOMOGENEITY OF MINING LANDSCAPE? A CASE STUDY FROM SLOVAKIA, Dr. Jana Vojtekova, Dr. Matej Vojtek, Prof. Martin Boltiziar, Constantine The Philosopher University in Nitra, Slovakia417

SECTION ARCHITECTURE AND DESIGN

53. A BIM-GIS VALUATION MODEL OF URBAN GREEN INFRASTRUCTURE PROJECT, Poletti Angela, Di Iorio Maria Anna, Rovelli Chiara, Politecnico di Milano, Italy429

54. A METHODOLOGICAL APPROACH TO DESIGN AN INCLUSIVE INTERIOR CHILDREN'S PLAY SPACE: FROM OBSERVATION TO INTERVIEW, Amaral Ines, Guedes Graca, University of Minho, Portugal.....441

55. ABOUT EMPATHY AND DWELLING, Negrisanu Daniela, Blidariu Cristian, Politehnica University of Timisoara, Romania451

56. ALEXANDER NEVSKY CATHEDRAL (1839-1864) OF THE CITY OF VYATKA: RECONSTRUCTION OF EXTERIOR AND INTERIOR ELEMENTS, Prof. Dr. Natalia Krivosheina, Postgraduates Elena Elpasheva, Danil Pogodin, Darina Cherezova, Vyatka State University, Russia.....459

57. ANALYSIS OF HOUSING TYPOLOGY, Ing. arch. Dagmar Kuta, Ing. Jan Ceselsky, Ph.D., doc. Ing. Maria Zubkova, Ph.D., VSB - Technical University of Ostrava, Czech Republic467

58. FATIGUE FAILURE OF STEEL SPACE TRUSS SYSTEMS FROM SNOW LOADS, Hande Gokdemir Mizam Dogan, Eskisehir Osmangazi University, Turkey.....475

59. ARCHITECTURAL ACOUSTICS AS FORMING FACTOR IN SACRAL SPACE, Elzbieta Trocka-Leszczynska, Romuald Tarczewski, Joanna Jablonska, Wroclaw University of Technology, Poland483

60. ARCHITECTURAL METAPHOR, Petrovici Liliana-Mihaela, Technical University Gh. Asachi Iasi, Romania491

61. ARCHITECTURAL SPACE DENSITY ANALYSIS (ASDA): EXPLORATION OF SPACE AND SPACE FORMS EFFECT ON PEOPLE: FROM ENCLOSURE THROUGH REFUGE TO SPACE QUALITY, Pal Csanady, Artifex Kiado, Hungary499

62. INTEGRATION OF ARCHITECTURE INTO NATURE: PRINCIPLES AND METHODS, Victor Logvinov, The Union of Architects of Russia, Russia	507
63. ATMOSPHERE IS THE NEW “ENVIRONMENT”. THE COMPLEXITY OF THE “BIG EVENT” OF ARCHITECTURE, Prof. Belen Butragueno, Prof. Javier Francisco Raposo, Prof. Mariasun Salgado, Technical University of Madrid - UPM, Spain	515
64. BETWEEN BRATISLAVA AND ESZTERGOM – THE FEIGLERS AND ARCHITECTURE OF THE LONG CENTURY, Prof. Ing. arch. Jana Pohanícová, PhD., Slovak University of Technology Bratislava, Slovakia	527
65. SET-BACK IRREGULARITY IN EXISTING STRUCTURES, Hande Gokdemir Mizam Dogan, Eskisehir Osmangazi University, Turkey.....	533
66. CHANGES OF ARCHITECTURAL EXTERIOR OF MILITARY HOSPITALS IN RUSSIA, Fedorova Mariia Sergeevna, Dr., Professor, Head of the Chair, Ludmila P. Holodova, Ural Federal University named after the first President of Russia B.N.Yeltsin, Russia.....	541
67. DESIGN OF ASSOCIATIONAL CULTURAL LANDSCAPES USING COGNITIVE TECHNOLOGIES, Assoc. Prof. Dr. Alexander Gushchin, Prof. Dr. Marina Divakova, Ural State University of Architecture and Arts, Russia	547
68. ECONOMIC EVALUATION OF TRADITIONAL SOURCES USED FOR HEATING OF ADMINISTRATIVE BUILDINGS IN THE CONDITIONS OF THE CZECH REPUBLIC, Lukas Labudek, M.Sc., Michal Prak, M.Sc., Veronika Roudna, M.Sc. et M.Sc., Assoc. Prof. Alena Ticha, M.Sc., Ph.D, Brno University of technology, Faculty of Civil Engineering, Czech Republic.	557
69. EFFORT EVALUATION OF BIM PROCESS FOR EXISTING BUILDINGS, Dr. Matteo Del Giudice, Ph. D. Assist. Prof. Dr. Fabio Manzone, Ph. D. Assist. Prof. Dr. Manuela Rebaudengo, Ph. D. Dr. Andrea Barbero, Politecnico di Torino, Italy...	565
70. EVOLUTION OF DESIGN AND MORPHOGENIC PECULIARITIES OF KITCHEN FURNITURE IN THE XX-XXI CENTURY, Prof. Dr. Natalia Krivosheina, Assoc. Prof. Maxim Naumov, Postgraduate Julia Naumova, Vyatka State University, Russia.....	573
71. EXPANSION OF THE BUILDING CONCEPT «PASSIVE HOUSE» DUE TO THE APPLICATION OF ENERGY-EFFICIENT TECHNOLOGY OF NATURAL LIGHT DELIVERY TO THE PREMISES ON THE EXAMPLE OF THE SOCIAL PROJECT «THE HOUSE FOR PENSIONERS», S Pleshkov, M Ananin, Yu Vedischeva, Ural Federal University named after the first President of Russia B. N. Yeltsin, Russia.....	581

72. FAULTY WORKMANSHIP AFFECTING THE AESTHETICS OF BUILDINGS CONSTRUCTED IN MONOLITHIC FAIR-FACED CONCRETE TECHNOLOGIES – DIAGNOSIS AND PREVENTION, Przemyslaw Bigaj, Cracow University of Technology, Poland	591
73. FROM PROFANATION TO CONVERSION, Prof. D.Sc. Ph.D. Eng. Arch. Jerzy Uscinowicz, Bialystok University of Technology, Poland	599
74. FROM THEORETICIANS VIEWS ON THE SUBJECT OF MONUMENTALITY AND VISIONARY PROJECTS TO ARCHITECTURE OF THE SPECTACLE, Dr. Jacek Kotz, Wroclaw University of Science and Technology, Faculty of Architecture, Poland.....	611
75. GREEN DESIGN IN CHILDREN DEVELOPMENT, Mohora Irina, Povian Cristina-Maria, Politehnica University of Timisoara, Romania.....	619
76. ICONIC ARCHITECTURAL FORM FOR THE ICONIC SOCIETY, Boguslaw Podhalanski, Politechnika Krakowska, Poland	627
77. EVERYTHING SHOULD BE BEAUTIFUL IN ARCHITECTURE, Tomasz Kozlowski, Politechnika Krakowska, Poland.....	637
78. INDUSTRIAL DESIGNERS MAPPING THE CITY: THE CONSTRUCTION OF AN INFOGRAPHIC MAP OF LOCAL ARTISANS IN THE CITY AS A PEDAGOGICAL TOOL, Dr. Juan Carlos Briede-Westermeyer, Dr. Isabel Leal-Figueroa, Cristhian Pérez-Villalobos, Jorge Cartes-Sanhueza, Universidad del Bio-Bio, Chile	645
79. LANDSCAPE OF GOLF COURSES IN WROCLAW METROPOLITAN ZONE, Maciej Stojak, Wroclaw University of Science and Technology, Poland	653
80. LANDSCAPE ORGANIZATION OF THE ASTANA CENTRAL PARK SELECTED ISSUES, Sabina Kuc, Olga Semeyuk, Cracow University of Technology, Poland.....	661
81. OLD WORKERS ESTATES - THE ELEMENT OF THE UPPER SILESIAN CULTURAL LANDSCAPE IN DANGER, Anna Sulimowska, Silesian University of Technology, Poland	669
82. OPTIMIZATION OF DESIGN OF PUBLIC PASSENGER TRANSPORT STOPS RESPECTING CHARACTERISTICS OF USERS AS WELL AS ENVIRONMENTAL PARAMETERS, Ing. Dana Rubinova, Ph.D., Brno University of Technology Faculty of Mechanical Engineering Institute of Machine and Industrial Design Department of Industrial Design, Czech Republic.....	677

83. PROBLEM ASPECTS OF CREATION OF ECOLOGICAL PARK AROUND THE SMALL LAKE CITY (AN EXAMPLE OF LAKE CHARA, KAZAN, RUSSIA), Prof. Dr. Mingazova N., Ass. Malygina M, Kazan (Volga Region) Federal University, Russia.....	685
84. REM AT BOTH SIDES OF THE MIRROR, Prof. Belen Butragueno, Technical University of Madrid - UPM, Spain	693
85. SCIENTIFIC 3D-RECONSTRUCTION OF CLASSICAL MONUMENTS AND THE CONTEMPORARY NEOCLASSICAL ARCHITECTURE: THE POSSIBILITY OF INTERACTION, Dmitry Karelin, Dmitry Shvidkovsky, Moscow Institute of Architecture - Public building department, Russia	701
86. THE ISSUES OF PARTICIPATION IN DIDACTICS OF DESIGN. CASE STUDIES, Prof. Robert Idem, Assist. Prof. Anna Gorka, Assist. Prof. Dorota Wojtowicz-Jankowska, Gdansk University of Technology Architecture Faculty, Poland	717
87. STUDY OF GLASS POURING PROCESS THROUGH A MOULD AND ITS INFLUENCE ON A SURFACE PATTERN OF A FINISHED GLASS SAMPLE, Assistant Professor Vera Sadakova, Students Natalya Gryazeva, Anastasia Sitnikova, Vyatka State University, Russia	727
88. SUSTAINABLE REFURBISHMENT OF A HOUSING UNIT AT DEBELA GORA, APUSENI MOUNTAINS IN ROMANIA, Tamasan Maria, Ionescu Claudiu, Catana Laurentiu, Mihuta Madalin, Muntean Flavia, Ursu Adrian, Aurel Vlaicu University of Arad, Romania	735
89. TESTING PARTICIPATORY ARCHITECTURE METHOD: REFURBISHMENT AND CONSTRUCTION OF PRIMARY SCHOOLS, Tomas Bek, CTU in Prague, Czech Republic	743
90. THE CHURCH INTERIORS MADE BY EXILED PAINTERS IN VYATKA: FINDINGS AND DISCOVERIES 2016, Prof. Dr. Natalia Krivosheina, Assistant Professor Vera Sadakova, Vyatka State University, Russia.....	751
91. THE CONSTRUCTION SECTOR CRISIS IN ITALY: ANY STRATEGY FOR SMALL AND MEDIUM-SIZED BUILDERS?, Piantanida Paolo, Rebaudengo Manuela, Politecnico di Torino, Italy	759
92. THE CONTEMPORARY ASPECTS OF REVITALIZATION OF THE BUILDINGS AND THE PORT AREAS, Tomasz Szymanski, Gdansk University of Technology Architecture Faculty, Poland	767
93. THE EXISTENCE OF DIFFERENT STAGES IN THE DESIGNING PROCESS OF AN INCLUSIVE INDOOR CHILDRENS PLAY SPACE, Amaral Ines, Guedes Graca, University of Minho, Portugal.....	775

94. THE MOTIF OF NARRATION IN THE CONTEMPORARY RIVERSCAPES: MEANDERS OF TIME ALONG SLEZA RIVER IN WROCLAW, POLAND, Alina Drapella-Hermansdorfer, Wrocław University of Science and Technology, Poland.....	783
95. THE PUNTA OF GUARDIA LIGHTHOUSE ON THE PONZA ISLAND: PROJECT FOR RESTORATION, Gianluigi De Martino, Cristiana Bartolomei, Chiara Fronta, university of Bologna, Italy.....	791
96. THE ROLE OF ARCHITECTURE IN RECONCILING THE INTERESTS OF PEOPLE AND WILDLIFE IN CITIES. Justyna Kleszcz, University of Zielona Gora - Faculty of Civil Engineering Architecture and Environmental Engineering, Poland.....	799
97. THE ROLE OF URBAN AGRICULTURE IN SHAPING HEALTHY WORKING ENVIRONMENT OF CONTEMPORARY URBAN MAN – THE INTRODUCTION., Justyna Kleszcz, University of Zielona Gora - Faculty of Civil Engineering Architecture and Environmental Engineering, Poland	807
98. THE SUSTENABILITY OF TRADITION - A VERNACULAR MODEL OF ARCHITECTURAL DESIGN, Associate professor Mihai Corneliu Driscu, Gheorghe Asachi Technical University of Iasi, Romania.....	815
99. THE TYPOLOGY OF FAÇADES MADE OF PRECAST CONCRETE ELEMENTS ON THE BASIS OF THE APPLIED RHYTHM TYPE, Pawel Mika, Cracow University of Technology, Poland	823
100. TOWARDS AN ARCHITECTURE OF EMOTIONS: THE EXAMPLE OF SESC POMPEIA BY LINA BO BARDI., Assoc. Prof. Dr. Ana Luísa Rodrigues, University of Minho, Portugal.....	831
101. TRENDS TOWARDS EXAGGERATION AS A FORM OF THE ZIPF’S LAW VIOLATION IN CONTEMPORARY PUBLIC BUILDINGS DESIGN, Elzbieta Trocka-Leszczynska, Romuald Tarczewski, Joanna Jablonska, Wrocław University of Technology, Poland.....	837
102. USING CONTROLLABLE RANDOMNESS AND ATOMIC DESIGN APPROACH TO DESIGN POSTERS WITH TYPOGRAPHIC MEANS, Pavel Pisklakov, South Ural State University, Russia	845
103. VALUE CHAIN SCHEME: CREATION OF VALUE ADDED IN ARCHITECTURE, Emilia Madudova, Juraj Fabus, Zilinska univerzita v Ziline, Slovakia	853
104. WHY SHOULD WE ADOPT NON-USED ATTICS OF MONUMENTAL SACRAL CATHOLIC CHURCHES FOR SECULAR PURPOSES?, Ksenia Piatkowska, Gdansk University of Technology Architecture Faculty, Poland	861