



35th AESOP Annual Congress

**INTEGRATED
PLANNING
IN A WORLD
OF TURBULENCE**

BOOK OF ABSTRACTS



Łódź - Poland // 11-15.07.2023

The editors of this publication are not responsible for opinions, statements or copyrights in relation to the content of this Book of Abstract. These issues are the responsibility of the authors of the abstract submitted to the AESOP Congress 2023

I. KEYNOTE SPEECHES	45
COHESIVE MARITIME SPATIAL PLANNING AT A SEA BASIN SCALE	47
PLANNING IN TIMES OF CRISIS – DO WE NEED NEW PLANNING PARADIGMS?.....	48
PLANNING AND PLANNING LAW: A STRAINED MARRIAGE.....	50
II. ABSTRACTS.....	51
TRACK 01: INTEGRATED PLANNING FOR COMPLEXITY	51
AMERICA’S FORGOTTEN NUCLEAR POWER TOWNS (72)	51
EVALUATING OF NEW TOWN PLANNING IN SOUTH KOREA: NEW URBANISM PERSPECTIVE (87)	53
INVERTED SLUM AND ITS COMPLEXITIES: A MULTIDIMENSIONAL ANALYSIS OF URBAN POVERTY IN MACEIÓ/AL (89)	55
MEGA-EVENTS AS A CATALYST FOR URBAN MEGA-PROJECTS: THE LARGE-SCALE DEVELOPMENT OF MILANO PORTA ROMANA RAILYARD AS AN EXEMPLARY CASE (94)	57
KNOWLEDGE NETWORKS IN LARGE-SCALE PLANNING PROCESSES IN ISRAELI CITIES (101).....	58
HEALTH IMPACT ASSESSMENT IN URBAN DEVELOPMENT - MODEL APPROACH, POTENTIALS AND LIMITATIONS FOR THE SYSTEMATIC INTEGRATION OF HEALTH ASPECTS IN URBAN PLANNING PROCESSES: CASE STUDY GERA, GERMANY (167).....	60
INNOVATIVE PLANNING TO CREATE PUBLIC VALUE IN BROWNFIELD HOUSING DEVELOPMENT IN ENGLAND (177)	62
SPACES OF WORK, ENCOUNTER, AND REPRESENTATION OF, AND FOR, CREATIVE INDUSTRIES IN INDONESIA (180).....	64
URBAN SPATIAL EFFICIENCY BASED ON THE SIMULATION OF EPIDEMIC TRANSMISSION MECHANISMS: REFLECTIONS ON PREVENTION AND CONTROL MEASURES DURING COVID-19 IN CENTRAL OF SHANGHAI (190).....	65
PREDICTING VULNERABLE AREAS FOR CHILD SEXUAL ABUSE USING THE AGENT-BASED MODEL (206) ...	67
EXPERIENTIAL INFORMATION IN CITIES: NATURE, USES AND IMPLICATIONS FOR COMPLEXITY THEORIES AND URBAN DESIGN (236)	69
REVISITING MORPHOLOGICAL REGIONS: A METHODOLOGY TO CLASSIFY URBAN FORM (301)	70
THE “SUCCESS” AND “SUSTAINABILITY” OF INTEGRATED MEGAPROJECT AND URBAN DEVELOPMENT/MEGAREGIONS (329)	73
PLANNING CHALLENGES FOR FORMAL AND INFORMAL URBAN GREEN SPACES (392)	75
JUSTICE IN THE PLANNING AND OUTCOME OF TRANSIT-ORIENTED DEVELOPMENT: AN ANALYTICAL FRAMEWORK (446)	77

RETHINKING OF FOOD SYSTEMS-RELATED POLICIES IN THE CONTEXT OF THE WEF NEXUS (492)	79
OPTIONS FOR SPATIAL ACTION IN THE CONTEXT OF MULTI-LOCALITY AND RURAL AREAS (503)	80
THE WATERFRONTS AS TERRITORIES OF CHANGE: INSIGHTS FROM A BIBLIOMETRIC ANALYSIS (505).....	82
THE CIRCULATION OF URBAN DEVELOPMENT MODELS AND EXPERTISE: THE EXPORT OF ‘SINGAPORE MODEL’ AND ITS TRAJECTORY IN URBAN CHINA (555)	84
FROM INTEGRATED PLANNING TO TRANSFORMATION PATHWAYS FOR CLIMATE FRIENDLY SPATIAL STRUCTURES: AUSTRIA ON THE WAY (599)	86
LENS, LINE AND LANDSCAPE: INTEGRATING METAPHORS FOR A PLANNING ECOLOGY (617).....	88
ATLANTE DEL CIBO DELLA LAGUNA DI VENEZIA. TOWARDS A FOOD POLICY FOR THE VENICE LAGOON (650)	90
WHY DOES POLAND CURRENTLY NOT HAVE A NATIONAL LEVEL SPATIAL PLANNING DOCUMENT? (754)	92
CAMPUS DESIGN, WALKING PRACTICE AND SPATIAL APPROPRIATION: A PSYCHOGEOGRAPHIC COMPARISON OF THE ALLE AT VAN YÜZÜNCÜ YIL UNIVERSITY AND ANKARA MIDDLE EAST TECHNICAL UNIVERSITY IN TURKEY (756)	93
RESEARCH ON THE VARIABLES, ACTION SITUATIONS AND DEVELOPMENT MECHANISMS OF RURAL TRANSFORMATION BASED ON SOCIAL-ECOLOGICAL SYSTEM FRAMEWORK: A CASE STUDY OF YU VILLAGE IN ZHEJIANG (769).....	95
RETHINKING ‘CONSERVATION’ FOR PLANNING COMPLEXITIES (792)	96
PARADIGM SHIFTS – URBAN DEVELOPMENT AND PLANNING IN BERLIN SINCE 1990 (810)	98
THE LOCATION DETERMINANTS OF THE SERVICE FIRMS RELATED TO SERVICIZATION OF MANUFACTURING: EMPIRICAL ANALYSIS AND IMPLICATIONS FOR BALANCED REGIONAL DEVELOPMENT IN KOREA (863)	100
HOW TO OPTIMIZE THE URBAN ECOLOGICAL NETWORKS IN CONTEXT OF THE UNEQUAL GEOGRAPHIC DISTRIBUTION OF BLUE-GREEN SPACES? A CIRCUIT THEORY BASED METHOD (896)	101
INVERTING URBANITY: THE SUB-URBAN AS A PRE-CONDITION TO THE CITY (901)	103
PARTICIPATORY SPACE DESIGN: HOW THE ‘URBAN DIGITAL TWIN’ MODEL PRODUCES A CO-PRODUCTION SPACE (909)	105
THE LONGITUDINAL CAUSALITY OF GOVERNANCE-IMPACT RELATIONSHIP IN URBAN (RE)DEVELOPMENT (926)	109
THE DEVELOPMENT OF HEALTHCARE FACILITIES IN RAPIDLY URBANIZING CITIES: A CASE STUDY OF SHENZHEN (928).....	111
AN OPERATIONAL AND CONCEPTUAL MODEL OF EVIDENCE-BASED DESIGN AND PLANNING (EBDP): REVIEWING THE STATE OF THE ART, EMERGING CONCEPTS AND FUTURE POTENTIAL OF EBDP (939)	112

THE CHALLENGES IN INTEGRATING INNOVATION HUBS TO METROPOLIS SEOUL (982).....	113
QUANTITATIVE URBAN MORPHOLOGY TOWARDS INTEGRATED PLANNING: AN OPEN-DATA METHODOLOGY TESTED FOR ATHENS, GREECE (1006)	115
HOW TO MEASURE THE REGIONAL IMPACT OF THE BLUE ECONOMY: THE METHODOLOGICAL INSIGHT (1109)	117
TRACK 02: SMART AND AGILE PLANNING: SMART CITIES AND REGIONS.....	119
IDENTIFYING DECISIVE PLANNING STRATEGIES FOR SMART CITIES: INDIAN SCENARIO (59).....	119
PROBING ROLE OF PERCEPTION IN THE MASS HOUSING MARKET OF DELHI: A SOCIAL MEDIA-BASED APPROACH IN URBAN STUDIES (63).....	121
HYBRID SPHERES OF PARTICIPATION: ENGAGEMENT AND MOBILIZATION THROUGH DIGITAL MEANS (125)	123
RESIDENTIAL LUDS SWARMING THE CITY: THE DIGITAL POLITICAL POWER OF NEW HIGH-RISE NEIGHBORHOODS (154).....	125
EMPIRICAL PERSPECTIVES IN SMART CITIES: UNDERSTANDING COMPLEX VIEWPOINTS IN SMART SUSTAINABLE CITIES FROM THE EXPERIENCE OF SUZHOU, CHINA (173)	127
WECHAT MATTERS: HOW DIGITAL RELATIONS INFLUENCE SOCIAL NETWORK INCLUSION OF CONSTRUCTION MIGRANT WORKERS IN CHINA (176)	129
ENVISIONING RURAL LANDSCAPE IN THE DIGITAL AGE: DIGITAL AGRICULTURE AND LANDSCAPE (196)	131
SMART CITY KUSEL – THE DIGITAL TRANSFORMATION FOR / OF REGIONAL DEVELOPMENT IN RURAL REGIONS (226).....	132
AUGMENTED REALITY AND CITIZEN PARTICIPATION: DIGITAL INNOVATIONS OF PARTICIPATORY PLANNING (228)	134
SMARTQUARTER+. CHALLENGES OF STRATEGIC VISUALISATION OF HOLISTIC SPATIAL ENERGY MODELS (233)	136
DO RESIDENTS PREFER EXPERIENTIAL CONSUMPTION IN THE POST-EPIDEMIC ERA? AN EXPLORATION OF THE DECAY PATTERN OF RESIDENTS' CONSUMPTION TRAVEL BASED ON SPATIOTEMPORAL LOCATION DATA (234)	138
SCAVENGER HUNT DATA - THE SEARCH FOR SUITABLE SMALL-SCALE DEMOGRAPHIC DATA FOR GIS- BASED SITE INVESTIGATIONS (238).....	141
TOWARDS COMMUNITY-HEALTH PLANNING: COMPLIANCE AND THE SOCIAL SPACE OF CITIES UNDER COVID-19 REGULATIONS (243).....	143
CITIZEN IMPLICATION AND PARTICIPATION IN JAPANESE SMART COMMUNITY ENERGY MANAGEMENT (245)	145

VALIDATING GEOSPATIAL OPEN GOVERNMENT DATA AND “POTENTIAL PROFILE”: MODELS FOR URBAN INWARD DEVELOPMENT SCENARIOS IN VIENNA (298)	148
DIGITAL TOOLS AND THEIR ROLE IN SPATIAL TRANSFORMATION: DEVELOPING A RESEARCH FRAME FOR COMPARATIVE ANALYSIS (300).....	150
XR-PARTICIPATION-SPACES: NEW OPPORTUNITIES OF CITIZEN PARTICIPATION IN CITY PLANNING? CASE STUDIES MANNHEIM AND ROSTOCK, GERMANY (302).....	152
MULTI-FACTORS EVALUATION OF THE IMPACT OF THE STREET-LEVEL ON SEXUAL CRIME OCCURRENCES USING COMPUTER VISION AND BIG DATA: A CASE STUDY OF MANHATTAN (321).....	154
COVID-19 AND THE RISE OF DIGITAL PLANNING: FAST AND SLOW ADOPTION OF A DIGITAL PLANNING SYSTEM (340)	157
HOW TO SUPPORT AFFORDABILITY AND SUSTAINABILITY OF HOUSING? SET OF TOOLS APPLICABLE VIA STRATEGIC PLANS OF CITIES (367)	158
UNDERSTANDING THE SMALL FOR PLANNING THE WHOLE: PREDICTING COMMERCIAL LAND USE TO ASSIST IN SCENARIO BUILDING USING CELLULAR AUTOMATA AND VOLUNTEERED GEOGRAPHIC INFORMATION (405)	160
SPATIAL DYNAMICS OF CREATIVE INDUSTRIES: THE CASE OF COMPUTER PROGRAMMING SECTOR IN ANKARA/TURKEY (431)	162
EVALUATION MODELS: FROM METHODOLOGY TO PRACTICE (439)	165
A NEW TYPOLOGY ANALYSIS OF MASS HOUSING PROJECTS IN EUROPE: INTRODUCING THE RESULTS OF AN ANALYSIS OF 34 MIDDLE-CLASS MASS HOUSING CASE STUDIES (448).....	167
EUROPEAN MIDDLE-CLASS MASS-HOUSING: A TOOL TO DEVELOP NEIGHBORHOOD DATA ANALYSIS (449)	169
THE ENTREPRENEURIAL SHADOW STATE DELIVERING A SMART CITY (451)	171
MAKE THE PLAN DATA FLOW! CO-DEVELOPING THE SEMANTIC INTEROPERABILITY OF PLAN DATA WITH MUNICIPALITIES AND SOFTWARE PROVIDERS IN FINLAND (459)	172
IDENTIFY PARAMETERS FOR DEVELOPING A MODEL TO EVALUATE URBAN OPEN SPACES USING DEEP LEARNING (482).....	174
DIGITAL DISRUPTION IN URBAN PLANNING. A METHODOLOGY FOR UNDERSTANDING PLATFORM REAL ESTATE (543)	175
THE INFLUENCE OF INFORMATION AND COMMUNICATION TECHNOLOGY ON THE TRANSFORMATION OF INDUSTRIAL SPACE IN HSINCHU SCIENCE PARKS (546)	177
KNOWING IS NOT ENOUGH: NEW YORK CITY’S VISION ZERO INITIATIVE AND THE CHALLENGES OF URBAN DATA GOVERNANCE (556)	178

THE POTENTIAL USE OF MACHINE LEARNING FOR THE DATA-DEMOCRATIZATION CONTRIBUTING TO LOCAL TACTICAL ACTIONS: THE CASE STUDY OF DATA PROTOTYPING FOR THE PROMOTION OF ACTIVE TRANSPORT (565)	179
URBAN HUBS, PARTICIPATION, CITIZEN SCIENCE AND DIGITAL TOOLS: PATHWAYS TO MORE SUSTAINABLE AND DEMOCRATIC URBAN QUARTERS (596).....	181
THE SMART CITY ECOSYSTEM: ANALYSING AND DESIGNING DIGITAL SYSTEMS IN MUNICIPALITIES (606)	183
FROM POLICY TO PRACTICE: REFLECTING THE SOCIO-TECHNICAL EVOLUTION OF OPEN DATA INITIATIVES THROUGH INSTITUTIONAL CONFIGURATIONS IN BERLIN, SEOUL, AND SURAT (619).....	184
ERROR: 'GREEN INFRASTRUCTURE' NOT READABLE: ABOUT THE FUNCTION AND DEVELOPMENT OF A DATA STANDARD FOR DIGITAL LANDSCAPE PLANNING (645).....	186
THE ROLE OF DRIFT IN EMBEDDING PLANNING SUPPORT SYSTEMS (PSS) IN PRACTICE: THE SPATIAL DEVELOPMENT FRAMEWORK (SDF) METHODOLOGY (690).....	188
GIS-BASED DECISION SUPPORT TOOL FOR EVIDENCE: BASED POLICY MAKING FOR BIODIVERSITY PROTECTION (704)	189
PLATFORM CAPITALISM AND URBAN MOBILITY: A LOOK AT THE GROWTH OF ALTERNATIVE APPLICATIONS IN BRAZIL (707)	190
MEASURING URBAN PERCEPTION WITH SOCIAL MEDIA DATA (710).....	192
METHOD FOR REFINED FUNCTION ZONING PREDICTION OF TOURIST TOWN URBAN DESIGN BASED ON BIG DATA AND CONDITIONAL GAN (727)	194
UNDERSTANDING THE DYNAMIC RELATIONSHIP BETWEEN ENERGY USE AND SOCIOECONOMIC CHANGES IN URBAN RESIDENTIAL COMMUNITIES (747)	198
BEYOND VISUALISATION OF BIG DATA: TOWARDS DYNAMIC DATA-DRIVEN CITY PLANNING IN SINGAPORE (777)	200
TOWARDS RESILIENT MOBILITY: ASSESSING LIGHT RAIL TRANSIT STOPS AND SURROUNDING URBAN AREAS THROUGH USER-GENERATED DATA (838).....	202
COMMUTER CONNECTION NETWORK IN SHANGHAI METROPOLITAN AREA FROM THE PERSPECTIVE OF DIFFERENT TRAVEL FREQUENCY (851).....	203
PARTICIPATORY SPACE DESIGN, HOW THE 'URBAN DIGITAL TWIN' MODEL PRODUCES A CO-PRODUCTION SPACE (909)	205
PLANNING AND MONITORING SERVICES OF GENERAL INTEREST WITH WEB GIS: WHICH INDICATORS ARE RELEVANT FOR PLANNING PRACTICE? (927)	207
A MULTICRITERIA EVALUATION OF LOCAL E-GOVERNMENT IN TERMS OF CITIZEN SATISFACTION (941).....	209
URBAN GREEN INFRASTRUCTURE PLANNING: A COMBINATION OF TECHNOLOGICAL ADVANCEMENT AND SOCIAL PARTICIPATION TO SUPPORT DECISION-MAKING IN SMART CITIES (950).....	212

WHEN THE SMART CITY MEETS THE REAL CITY: THE INNOVATION DISTRICT OF BEERSHEBA, ISRAEL (966)	214
A PLANNING AND URBAN DEVELOPMENT PERSPECTIVE ON DIGITAL SOVEREIGNTY: DIVERGING DIGITAL VALUES IN CITIES (974).....	215
EXPLORING THE ROLE OF SMART CITY STRATEGIES IN FOSTERING SUSTAINABLE AND INCLUSIVE DEVELOPMENT IN INDIA: A COMPARATIVE STUDY OF INDORE AND SATNA (989).....	217
RESEARCH ON THE REGIONAL SPATIAL STRUCTURE AND CHARACTERISTICS FROM THE SPACE OF FLOWS PERSPECTIVE BASED ON BIG DATA: TAKE GUIZHOU PROVINCE IN CHINA AS AN EXAMPLE (990)	219
SMART TOOLS AND MANAGEMENT METHODS FOR IMPROVEMENTS OF EFFECTIVENESS IN INTEGRATED URBAN PLANNING FOR SUSTAINABLE DEVELOPMENT (1000)	220
RUDIFUN DATASET ON SPATIAL DENSITIES AND MIXED USE (1020).....	224
THE WAY TO A SMART NEW URBAN AGENDA? SPATIAL PLANNING AND 'BASIC SMART CITY' APPROACHES IN CHINA AND THE UK (1021).....	225
TRACK 03: PLANNING AND LAW FOR TURBULENT FUTURE	226
PV UTILITY-SCALE POWER GENERATION FACILITIES: THE CAPACITY TO PLAN ACTORS' PREFERENCES (64)	226
LAND POLICY AND THE CONSTRUCTION OF VALUE BY ACCOUNTANCY REGULATIONS (194)	228
TIME AS PLANNING INSTRUMENT: INSTRUMENTAL COMPARISON BETWEEN FINNISH BUILDING REMINDER AND SWISS BUILDING OBLIGATION (262)	229
TOWARD JUST RENEWAL ENERGY POLICY: ANALYSIS OF EQUITY IN BENEFITS FROM DECENTRALIZED GENERATION (281).....	230
DELEGATION IN THE NEW DUTCH PLANNING AND ENVIRONMENT ACT (368).....	232
FROM CONTROL TO REGULATION: EXPLORING THE RULE OF LAW IN TERRITORIAL SPATIAL DETAILED PLANNING IN CHINA (464)	234
CRAFTING REGULATORY TOOLS: THE ROLE OF LAW AS THE FACILITATOR IN PLANNING CONVIVIAL MIXED-USE PUBLIC SPACES (514)	236
COURT-IMPOSED "DISTRIBUTIVE JUSTICE" CRITERIA AS INHIBITORS OF PRODUCTION OF RENEWABLE ENERGY (523)	238
DEATH AND LIFE OF COOPERATIVE HOUSING: COMPARATIVE STUDY OF LEGAL FRAMEWORKS FOR COOPERATIVE / COLLABORATIVE HOUSING (554).....	240
SPATIAL PLANNING ON THE LOCAL LEVEL AS THE TOOL FOR DIRECTING LAND USE IN ESTONIA (569) ..	242
PUBLIC RESTORATION POLICY AND IMPLEMENTATION OF DEVELOPMENT INTERESTS IN CHINA URBAN RENEWAL: A CASE STUDY OF GUANGZHOU (571).....	244
COMPENSATION AS A PLANNING COMPASS (609).....	245

STRATEGIC THINKING AS BASIS FOR SUCCESSFUL FUTURE DEVELOPMENT: REPURPOSE POREČ: DEVELOPMENT VISION 2050 (612)	247
THE LIMITS AND PROSPECTS OF SPATIAL TRANSFORMATION BY LAW: REFLECTIONS FROM THE ‘SPATIAL TRANSFORMATION BAROMETER’ PROJECT, SOUTH AFRICA (643)	249
CONTRACTING WITH CITIZENS: HOW MORALS, POLITICS AND LAWS SHAPE CITIES (652)	251
THE RULE OF LAW AND COMMUNICATIVE PLANNING IN FINNISH PLANNING LEGISLATION (654).....	253
PRESERVING AGRICULTURAL LAND-USE: AN ANALYSIS OF HORIZONTAL AND VERTICAL PLANNING INTERACTIONS IN BERLIN-BRANDENBURG (670).....	255
TENSIONS AND STRESSES IN MULTI-UNIT RESIDENTIAL STRATA (CONDOMINIUM) DEVELOPMENTS: A VIEW FROM MELBOURNE, AUSTRALIA, STAKEHOLDER VOICES (697).....	256
ANALYSING THE INTERPLAY BETWEEN SPATIAL REGULATIONS AND PROPERTY MARKET DYNAMICS (712)	257
ADAPT OR DISRUPT? AN INSTITUTIONAL ANALYSIS OF EMERGING CLT INITIATIVES IN THE NETHERLANDS (742)	258
INFORMAL BUILDING IN EAST JERUSALEM NEIGHBORHOODS: LOOKING FOR TOOLS TO ENHANCE QUALITY OF LIVING AND ABILITY TO PLAN (750).....	260
PUBLIC PASSAGE, MUNICIPAL PASSAGE, SERVITUDE PASSAGE: MUNICIPAL REGULATION AS A TOOL OF URBANISATION IN FORMER SHANGHAI FRENCH CONCESSION (801)	262
ZONING CHANGES IN RECENT ITALIAN URBAN PLANS FOR SUSTAINABLE REGENERATIONS: THE CASES OF MILAN AND BOLOGNA (906).....	264
HOW THE LAND TITLING PROCESS RELATE TO URBAN SPRAWL: GLOBAL SOUTH CASE (913).....	266
RURAL PROPERTY OWNER PERSPECTIVES AND LAND CONSUMPTION IN THREE BAVARIAN VILLAGES (919)	267
COMPREHENSIVE LAND CONSOLIDATION OF DECLINING TOWNSHIPS AND ITS PLANNING RESPONSE AND LEGAL SUPPORT: A CASE STUDY OF WANBAO TOWNSHIP (925)	269
EXPLORING URBAN REGENERATION PRACTICES: EVIDENCE AND POLICY IMPLICATIONS IN SOUTHERN ITALIAN CITIES (937).....	270
THE NATIONALISATION OF DEVELOPMENT RIGHTS AND LOW IMPACT DEVELOPMENT: A BRIDGEABLE CHASM? (953)	272
THE INNOVATION IN ILLEGALITY IN PLANNING IMPLEMENTATIONS: CULTURAL AND SOCIAL DIMENSIONS (992)	274
FUNDING PUBLIC TRANSPORT WITH TRANSIT-ORIENTED DEVELOPMENT-BASED VALUE CAPTURE APPROACHES: COMPARING THE CASE OF THE NORTHERN LINE EXTENSION IN LONDON WITH CASES IN ROME AND TURIN (995)	276

TRACK 04: INTEGRATED PLANNING OVER THE BORDERS..... 278

URBAN-RURAL RELATIONS IN SPATIAL PLANNING: COMPARATIVE EVIDENCE FROM INTERMEDIATE CITIES IN EUROPE (117).....	278
ADVANCING COASTAL LANDSCAPE GOVERNANCE: AN EVOLUTIONARY PERSPECTIVE ON COASTAL AND LANDSCAPE GOVERNANCE IN PORTUGAL (141).....	281
A STUDY ON THE FORMATION OF PLANNING STANDARDS OF CHINA’S OVERSEAS INDUSTRIAL PARKS: COMPARISON WITH SINGAPORE (289).....	283
SEASONAL MIGRATION ACROSS THE CONFLICTUAL BORDER IN THE CAUCASUS MOUNTAINS: TRANSHUMANCE AS A TOOL FOR MAPPING LANDSCAPE (307).....	284
FROM SOFT TO STATUTORY SPACES OF PLANNING: CHANGING CITY-REGIONAL INSTITUTIONAL ARRANGEMENTS IN POLAND (309).....	287
CHINA’S OVERSEA PLANNING PRACTICE SINCE THE 1990S: A RETROSPECTIVE STUDY FROM THE PERSPECTIVE OF PLANNING KNOWLEDGE FLOW (315).....	288
THE IMPLEMENTATION OF CROSS-BORDER SPATIAL DEVELOPMENT CONCEPTS IN THE GERMAN-POLISH AND GERMAN-FRENCH BORDER AREAS (349).....	290
TRANSREGIONAL TRAVELING PLANNING EXPERIENCES: AN EMPIRICAL STUDY OF TRADITIONAL INDUSTRY CHARACTERISTIC TOWNS IN CHINA (382).....	292
LOCALIZATION OF SDG11: A CONCEPTUAL FRAMEWORK TO UNDERSTAND POLICY DESIGN FOR SUSTAINABLE URBAN DEVELOPMENT (387).....	294
INTEGRATED LANDSCAPE PLANNING: TACKLING INSTITUTIONAL SILO MENTALITY IN REGIONAL ENERGY TRANSITION IN SLOVENIA (481).....	296
FOUR CITIES, THREE PROVINCES, TWO STATES, ONE REGION: INTEGRATED INNER-CITY DEVELOPMENT CONCEPT IN A REGIONAL CONTEXT (ISEK ⁴) (496).....	298
INTEGRATED PLANNING OVER THE BOUNDARIES WITHIN CHINA: SOFT PLACE AND SOFT DESIGN (511)	300
THE NEAPOLITAN COAST AS COMMON GOOD: VARIABLE THICKNESS IN SOCIO-ECOLOGICAL TRANSITIONAL PROJECT (531)	301
PORT-CITY INTERFACE AND LINKAGE WITH MARINE/MARITIME SPATIAL PLANNING: EXPERIENCES FROM CASES IN ITALY AND THE NETHERLANDS (557).....	303
THE MARITIME SPATIAL PLANNING ACROSS INTRANATIONAL BORDERS: A PERSPECTIVE FOR INTEGRATED AND INCLUSIVE IMPLEMENTATION AT INSTITUTIONAL AND SOCIETAL LOCAL SCALE (585)	304
FROM VISION TO IMPLEMENTATION: THE CASE OF THE COMMON FUTURE VISION FOR THE GERMAN-POLISH INTERACTION AREA (636).....	306
INTRODUCING ‘INSTITUTIONAL ARRANGEMENTS AND STRUCTURES’ FOR CROSS-BORDER REGIONAL SPATIAL/TERRITORIAL GOVERNANCE IN SOUTH AFRICA – THE CASE OF THE KAROO RSDF (640).....	308

TENDERING AS A COORDINATIVE GOVERNANCE TOOL: UNDERSTANDING THE ROLE OF THE TENDERING PROCESS IN INTEGRATING PRIVATE TRANSIT OPERATIONS IN ISRAEL (646)	310
THE GLOBAL LAND USE PLANNING: A SOLUTION TO OPTIMIZE THE IMPLEMENTATION OF THE SUSTAINABLE DEVELOPMENT GOALS FUND JOINT PROGRAMS (674).....	312
VOLUNTARY PLANNING TOOLS AND THE BORDERS: AN ITALIAN CASE STUDY FOR DISCUSSING TERRITORIAL PLANNING PRACTICES AND BORDER CHANGES (760)	315
SPATIAL PLANNING’S ROLE IN FACILITATING THE EUROPE’S AMBITIONS FOR A SECURE, RESILIENT AND DECARBONISED ENERGY SECTOR WITH RESPECT TO OFFSHORE RENEWABLES (762).....	317
PLANNING CULTURES IN CROSS-BORDER TERRITORIAL DEVELOPMENT IN THE GERMAN-POLISH BORDERLAND (786).....	318
PLANNING SYSTEMS COMPARED: A REFLECTION ON THE STATE OF ART (817).....	320
RESEARCH ON THE URBAN WATERFRONT REGENERATION BASED ON THE INTEGRATED SHARING MODEL, TAKING THREE CHINESE PORT CITIES ALONG THE HEILONGJIANG BORDER RIVER AS AN EXAMPLE (837)	322
PLANNING CONCEPTS AS POLICY INSTRUMENTS: ANALYZING THE DUTCH CASE (852)	323
IS LIFE IN THE ALPS GOOD? QUALITY OF LIFE CONCEPT REVISITED IN THE TRANSNATIONAL CONTEXT (881)	325
COLLABORATIVE LAND-USE DEVELOPMENT IN CITY REGIONS. THE CASE OF THE LEIPZIG-REGION (882)	327
THE IMPACT OF INTERREGIONAL WATER TRANSFER ON REGIONAL PLANNING, DEVELOPMENT AND ENVIRONMENT:THE CASE OF GREATER BAY AREA (883).....	329
STRENGTHENING REGIONAL GOVERNANCE STRUCTURES THROUGH ESTABLISHING JOINT DECISION-MAKING TOOLS: THE EXAMPLE OF BONN, RHEIN-SIEG AND AHRWEILER IN GERMANY (917).....	330
SMALL TOWN DEVELOPMENT DILEMMAS, MECHANISMS AND STRATEGIES IN INTER-PROVINCIAL BORDER AREAS: THE CASE OF WANBAO TOWN (933).....	331
POLYCENTRIC FUNCTIONAL CITY REGIONS: CONCEPTUAL, METHODOLOGICAL, AND NORMATIVE CONSIDERATIONS (946)	332
NEW APPROACH FOR COMPARING SPATIAL PLANNING SYSTEMS (993)	333
TRACK 05: PLANNING FOR MOBILITY: ACCESSIBILITY, AFFORDABILITY AND SUSTAINABILITY	335
PLANNING FOR INCLUSIVE CITIES: DISABILITY, MOBILITY AND ACCESSIBILITY – SOUTH AFRICAN CITIES AS CASE STUDIES (55).....	335
RURAL TRANSITION AND TRANSPORT IN CHINA (79)	336

CREATING DISTINCTIVE PLACES IN FLANDERS 2050: HOW TO ACHIEVE ENERGY NEUTRALITY IN THE BUILT ENVIRONMENT BY 2050 (102)	337
SPATIAL DILEMMAS AND CHALLENGES AT SÃO PAULO TRAIN/METRO STATIONS AREAS (110)	339
IDENTIFYING LINKAGES BETWEEN DEMOGRAPHICS, BEHAVIORS, AND ROAD ACCIDENT FREQUENCY: A MACHINE LEARNING APPROACH IN ENGLAND (114)	341
ENABLING IM-MOBILITIES: A THEORETICAL AND OPERATIVE APPROACH TO PROMOTE REVERSIBLE IM-MOBILITIES THROUGH ACCESSIBILITY (132)	342
NEW METRO AND SUBJECTIVE WELLBEING AMONG OLDER PEOPLE: A NATURAL EXPERIMENT IN HONG KONG (171).....	344
SCRUTINIZING ENVIRONMENTAL URBAN STRESS FACTORS ON PEDESTRIANS IN WALKABLE NEIGHBORHOODS, CASE STUDY: (ISTIKLAL STREET AND ABDI IPEKCI STREET) (178).....	346
RESEARCH ON FUTURE URBAN COMPREHENSIVE TRANSPORTATION DEVELOPMENT STRATEGY: BASED ON WUHAN YANGTZE NEW TOWN (185)	347
UNDERSTANDING THE EFFECTS OF A LONG-TERM TRANSIT SERVICE SUSPENSION ON TRANSIT USERS' TRAVEL CHOICES (202)	349
WHY DO RESIDENTS OF MELBOURNE'S GROWTH AREAS HAVE TO WAIT SO LONG FOR PUBLIC TRANSPORT? (203)	351
URBAN TRAFFIC STATUS ANALYSIS AND PLANNING EVALUATION BASED ON MOBILE BIG DATA: A CASE STUDY OF JINGHONG CITY (218).....	353
WALKABILITY IN THE CONTEXT OF A NORDIC 'SMALL CITY' (232).....	355
MULTI-LOCALITY DURING AND AFTER CORONAVIRUS (COVID-19) AND ITS IMPACT ON REGIONS AND INDUSTRIES (235)	357
'RESHARING' SPACE, SERVICES AND MOBILITY. INNOVATIVE APPROACHES TO THE PLANNING OF OSLO (241).....	359
MAKING MOBILITY HUBS MORE INCLUSIVE: NEEDS AND BARRIERS OF DISADVANTAGED USERS (242). 360	
MOBILITY DEPENDENCY IN RURAL URBAN REGIONS: CHALLENGING URBAN-CENTRIC PRINCIPLES OF THE URBAN AND TRANSPORT PLANNING (252).....	361
FUNCTIONAL SPRAWL IN FLANDERS (BELGIUM): EXPLORING SPATIAL VARIATIONS OF COST AND QUALITY OF SERVICES AT HOME (255)	363
WALKABILITY IN POST-SOCIALIST MODERNIST HOUSING ESTATES: CASE STUDY OF TWO HOUSING ESTATES IN LODZ, POLAND (266)	364
ACTIVE TRAVEL MODES AND ITS BARRIERS IN THE UK (308).....	366
INVESTIGATING SPATIAL ASPECTS OF THE GREEK ACCESSIBILITY LEGISLATION: CONTRADICTIONS BETWEEN REGULATIONS AND IMPLEMENTATION IN TRADITIONAL SETTLEMENTS (326)	368

THE LONG-TERM INFLUENCE OF RAIL INFRASTRUCTURE ON URBAN FORM IN POLISH AGGLOMERATIONS FROM A PLANNING PERSPECTIVE (358).....	370
SURVEYING RELOCATING HOUSEHOLDS: BENEFITS AND CHALLENGES OF COMBINING QUANTITATIVE AND QUALITATIVE APPROACHES TO THE COMPLEX RELATIONSHIP BETWEEN RESIDENTIAL LOCATION, TRAVEL ATTITUDES AND TRAVEL BEHAVIOR (363).....	372
PLANNING FOR HEALTH - OPTIMISING MEDICAL PRACTICE LOCATIONS ON A SMALL SCALE (364).....	374
SHORTER OR GREENER WALK? VISIBILITY OF GREENERY ALONG CHILDREN’S HOME–SCHOOL ROUTES FROM THE COST-BENEFIT PERSPECTIVE (365).....	376
MEASURING EQUITY OF ACCESS IN FINLAND WITH OPEN-SOURCED GIS-TOOLS (384).....	377
DISPARITIES IN BICYCLE CRASHES BY NEIGHBORHOOD DISADVANTAGE: A COMPARISON BETWEEN LOS ANGELES AND NEW YORK (398).....	378
A CONCEPTUAL REVIEW OF POLICY PARADIGMS IN TRANSPORT PLANNING RESEARCH: IMPLICATIONS FOR STUDYING SUSTAINABLE MOBILITY POLICY IN FINLAND (404).....	379
FOSSIL-FREE TRANSPORTS IN RURAL AREAS: IDENTIFYING CONSTRAINTS AND POTENTIAL SOLUTIONS (412).....	380
THE ROLE OF LOCAL HOMOGENEITY IN TRAVEL BEHAVIOUR ANALYSIS: EVIDENCE FROM EUROPEAN CITIES (416).....	381
UNLOCKING MOBILITY PRACTICES AND MEANINGS: PROSPECTIVE SCENARIOS FOR CARS AND BICYCLES (418).....	383
DEFINING PROXIMITY-CENTRED ACCESSIBILITY (419).....	384
IS REGIONAL ACCESSIBILITY UNDERMINING LOCAL ACCESSIBILITY? (420).....	385
PARKING AREAS OF CONTEMPORARY HOUSING ESTATES: PLANNING, REGULATIONS, SOCIETY: A CASE STUDY OF POLISH CITIES (424).....	386
ANALYSIS OF URBAN ACCESSIBILITY BARRIERS WITH LEGAL, SPATIAL, SOCIETAL, AND ADMINISTRATIVE ASPECTS (429).....	388
CLIMATE CHANGE ADAPTATION PLAN STUDY FOR THE TRANSPORT SECTOR IN TURKEY: KEY FINDINGS, ACHIEVEMENTS AND CHALLENGES (454).....	391
UNSTEADY STEPS TOWARD AN INTEGRATED PLACE-BASED APPROACH TO RURAL ACCESSIBILITY: REFLECTIONS A DECADE AFTER THE LAUNCH OF A NATIONAL POLICY IN ITALY (477).....	392
PUBLIC SPACES CHALLENGES IN THE E-MOBILITY ENVIRONMENT (493).....	394
MECHANISMS OF CHANGE? POLICY EFFECTS OF PUBLIC PARTICIPATION IN A LOCAL CAR-REDUCTION SCHEME (499).....	397
UNDERSTANDING THE ROLE OF ON-DEMAND PUBLIC TRANSPORT IN LOW-DENSITY REGIONS: INSIGHTS FROM FLANDERS (507).....	399

INCLUSIVE TRANSITION TO ELECTRIC MOBILITY (ITEM): PRESENTATION OF PARTIAL RESULTS (512)....	401
SPATIAL STRATEGY PLAN AS A METHODOLOGICAL APPROACH IN ENSURING ACCESSIBILITY: THE CASE OF ISTANBUL (530)	402
CAN THEORY OF PLANNED BEHAVIOR EXPLAIN THE EFFECT OF BUILT ENVIRONMENT ON WALKING BEHAVIOR? (562).....	404
POST-CAR CITIES WITHIN CAR-ORIENTED SURROUNDINGS: A TALE OF WORLDS GROWING APART? (577)	406
MISSED CONNECTIONS: OPPORTUNITIES FOR INTEGRATED URBAN AND TRANSPORT PLANNING WITH COMPREHENSIVE CLOCK-FACE SCHEDULES (581)	408
THE IMPLICATION OF A CO-CREATED SOFTWARE SOLUTION FOR MOBILITY IN RURAL AREAS (583)	410
URBAN PLANNING FOR TIME-SENSITIVE DELIVERY: A STUDY OF LAST-MILE DELIVERY OF PERISHABLE GOODS IN DELHI (591)	411
COMPARING THE APPLICATION OF DIFFERENT THEORIES OF JUSTICE IN EQUITY ANALYSIS OF TRANSIT PROJECTS: A CASE STUDY OF THE LISBON METRO CIRCULAR LINE (593).....	412
HOW PUBLIC TRANSPORT ACCESSIBILITY IMPROVED IN THE DUTCH RANDSTAD DURING THE 2010S (594)	415
DETERMINANTS AND TRENDS OF UNIVERSITY STUDENTS' COMMUTING PATTERNS: THE ROLE OF ATTITUDES AND OF HOUSING ACCESSIBILITY (595).....	416
NAVIGATING THE GANGES: EXPLORING THE ROLE OF INLAND WATER TRANSPORT IN ENHANCING ACCESSIBILITY, AFFORDABILITY AND ACCEPTABILITY IN VARANASI (602)	418
EXPLORING THE RELATIONSHIP BETWEEN GREEN-BLUE-GREY INFRASTRUCTURE (GBGI) AND QUALITY OF LIFE: A CASE STUDY OF BRISTOL, UK (625).....	419
THE RISE OF CITIZENS VOICES FOR A GREENER EUROPE. THE CASE OF PUBLIC DEBATE FOR HIGHWAY 16 (ADRIATAICA), REGIONE APULIA, ITALY (649).....	420
THE IMPACT OF COVID-19 ON THE INCIDENCE AND SEVERITY OF TRAVEL PROBLEMS (655).....	421
THE SYNERGY OF PEDESTRIAN-FRIENDLY ENVIRONMENT AND PUBLIC TRANSIT RIDERSHIP: AN ASSESSMENT OF METRO CATCHMENTS IN DELHI (686)	423
COMPETING FOR HEALTH: COMPETITIVE ACCESSIBILITY TO HEALTHCARE SERVICES IN AN UNEQUAL AGEING METROPOLIS (693)	425
ANALYSIS OF THE SUROBOYO BUS PROJECT AS A MASS TRANSIT TRANSPORTATION BASED ON CAMPBELL'S MODEL (698)	426
THE INTEGRATION OF ALTERNATIVE MOBILITY SERVICES INTO THE PUBLIC TRANSPORT SYSTEM IN AUSTRIA: LEGAL ASPECTS (700)	428
TOWARD A GREEN CAMPUS: GIS-BASED ANALYSIS TO LOCATE THE OPTIMAL BIKE-SHARE STATIONS: THE CASE OF ISTANBUL TECHNICAL UNIVERSITY, MASLAK CAMPUS (721).....	430

15-MINUTE FOR WHOM? MEASURING URBAN WALKABILITY/ROLLABILITY FOR THE BUILT ENVIRONMENT TO ENHANCE RESILIENCE FOR ALL IN THE POST-PANDEMIC ERA (739)	431
ACCESSIBILITY AND QUALITY OF LIFE: USING NETWORK ANALYSIS TOOL TO ANALYZE ACCESS DIMENSION FOR URBAN QUALITY OF LIFE (748)	433
INTERRELATIONSHIPS BETWEEN PERCEIVED ACCESSIBILITY, PUBLIC TRANSPORT MODE CHOICE AND ACTIVITY SPACE IN PERIPHERAL AREAS: A CONCEPTUAL FRAMEWORK (749).....	434
ARCHETYPES OF COLLABORATION IN URBAN AND TRANSPORTATION SCENARIOS (764).....	436
LIFE SERVICE TOD SPACE ORGANIZATION AND PLACE CREATION FROM THE PERSPECTIVE OF PEOPLE (784)	437
POLICY PACKAGING FOR LAND USE AND TRANSPORT INTEGRATION PLANNING: A STATE OF THE ART LITERATURE REVIEW (789).....	438
MOBILE RURAL AREAS (RÖRLA): NEW FORMS OF COORDINATED TRAVEL COMBINED WITH EXISTING PUBLIC TRANSPORT SERVICES, PART 1, 2022-2023 (822).....	441
MAPPING OF 15-MINUTE CITY PRACTICE IN EUROPEAN CITIES (839).....	442
MEASURING THE INTEGRATION OF BIKE-SHARING LOCATIONS WITH PUBLIC TRANSPORTATION SYSTEMS (853).....	444
THE SPATIAL JUSTICE OF URBAN PUBLIC SERVICE FACILITIES IN NORTHWEST CHINA FROM THE PERSPECTIVE OF LIFE CIRCLE: A CASE STUDY OF KARAMAY (857).....	445
IDENTIFYING FACTORS FOR ENHANCING PUBLIC TRANSIT UTILIZATION BASED ON EXPERT OPINION: A CASE OF BHUBANESWAR, INDIA (870).....	446
EXTRAORDINARY PROGRAM FOR URBAN REGENERATION: PLANNING THE SYSTEM OF CONNECTIONS TO FOSTER THE SUSTAINABLE METROPOLITAN INFRASTRUCTURE (900).....	448
GENDER AND TRAVEL BEHAVIOR DIFFERENCES BETWEEN ARAB AND JEWISH COMMUNITIES IN ISRAEL (914)	451
THE SPATIAL ACCESSIBILITY OF AN EXPERIMENTAL INTEGRATED HEALTHCARE SYSTEM IN A RAPIDLY URBANIZING AREA: A CASE STUDY OF THE LUOHU DISTRICT IN SHENZHEN, CHINA (918).....	453
DEVELOPING A DECISION FRAMEWORK FOR TOD PRINCIPLES AND ASSESSING ITS SOCIAL INCLUSIVITY: A CASE OF AHMEDABAD, INDIA (938).....	454
NEW MOBILITY PATTERNS IN LISBON METROPOLITAN AREA, PORTUGAL – LESSONS TO POS-COVID TIMES (975)	456
NEW WORKING SPACES IN LISBON FROM A CHRONO-URBANISM PLANNING PERSPECTIVE (978)	457
TRACK 06: PLANNING FOR DEMOCRACY AND GOVERNANCE	459
TO BUILD, OR NOT TO BUILD: TENSIONS WITHIN THE AUTHORITARIAN NEOLIBERAL BLOC IN ENGLAND (96)	459

PUBLIC PLANNER: A DELIBERATIVE AUTHORITY (111).....	461
HOW DO NETWORK RESOURCES CONSTRUCT EXPERT INFLUENCE? EVIDENCE FROM EXPERT INVOLVEMENT IN URBAN PLANNING DECISION-MAKING IN CHINA (116)	462
TRANSFORMATION THROUGH TRIALOGUE?! PERSPECTIVES AND EXPERIENCES ON THE COLLABORATION OF ACTORS FROM ADMINISTRATIONS, ACADEMIA AND ORGANIZED CIVIL SOCIETY (131).....	464
AWARENESS ABOUT THE PHENOMENA OF LAND TAKE IN THE ESTONIA (143)	466
REGIONAL PLANNING STRATEGY, STRATEGIC PLANNING: EXPERIENCES WITH REGIONAL PLANNING STRATEGY IN NORWAY (149)	468
DISCREPANCIES IN DEMOCRATIC DEMANDS AND EXISTING POLICY AGENDAS IN URBAN SUSTAINABLE DEVELOPMENT (158).....	470
WHAT DOES “AUTHENTICITY” MEAN IN JAPANESE CITIES? A CASE STUDY OF KANAZAWA CITY (192)...	471
LAND VALUATION IN DENSIFYING CITIES: ACTORS’ DECISION-MAKING STRATEGIES IN EFFECTIVELY STEERING URBAN SUSTAINABLE LAND USE (229).....	474
TRUST AND INSTITUTIONAL DESIGN: A COMPARATIVE ANALYSIS FROM THE ISLAND OF IRELAND (249)	475
A CRISIS OF LOST VALUES: REDISCOVERING THE RELATIONSHIP BETWEEN URBAN BEAUTY, DEMOCRACY, AND COMPLEXITY (275)	476
RATIONALISING INSTITUTIONAL CHANGE: AN INVESTIGATION INTO THE GOVERNANCE OF DEVELOPER CONTRIBUTIONS IN NORTHERN IRISH PLANNING (306).....	478
THE VARIOUS FACES OF PLACEMAKING (311)	480
THE IMPORTANCE OF PARTICIPATIVE PROCESSES IN REGIONAL FORESIGHT (319)	482
ENABLING ENVIRONMENT FOR PUBLIC-PRIVATE PARTNERSHIPS IN URBAN REGENERATION PROJECTS: ANALYSIS OF THE PORTUGUESE, ITALIAN AND BRAZILIAN SCENARIOS (333)	483
CRITICAL SUCCESS FACTORS FOR PUBLIC-PRIVATE PARTNERSHIPS IN URBAN REGENERATION PROJECTS: A FRAMEWORK PROPOSAL (356)	484
OVERTOURISM AND SPATIAL PLANNING IN GREECE: CHALLENGES (372)	486
PUBLIC-PRIVATE PARTNERSHIPS IN BRAZIL: THE MISCHIEVOUS PROMISE OF PRIVATE INVESTMENT DEVELOPING URBAN INFRASTRUCTURE IN THE GLOBAL SOUTH (378).....	488
THE HIDDEN HISTORIES OF COMMUNITY-LED PLANNING IN THE UK. PLANNING OUTSIDE, INSIDE OR WITH THE STATE? (380)	490
DIRECT URBAN CIVIC ACTIONS BEYOND THE LOCAL: AN INQUIRY ON THE INNOVATION AND POLICY EFFECTS ON SUPRALOCAL AND TRANSLOCAL RELATIONS (397)	492
READING THE COMMONS UNDER THE THREAT OF ENCLOSURE MOVEMENTS THROUGH THE CONCEPT OF HETEROTOPIA: ŞAHİNTEPE (517).....	494

PARTICIPATORY COMMUNITY INFRASTRUCTURES: COMMUNITY ASSET TRANSFER IN BRITAIN (575) ...	495
MANAGEMENT OF PUBLIC SPACE IN TRANSITION TOWARDS A USER-CENTRED PARADIGM (589)	497
THE SOCIAL ECONOMY ACTORS IN NETWORK GOVERNANCE OF LOCAL REGENERATION (628)	498
EXPLORING GROUNDS FOR DEMOCRATIC INNOVATIONS IN LOCAL GOVERNANCE (629).....	500
‘RÉSISTANCE OLYMPIQUE’: THE URBAN IMPACT OF PARIS 2024 THROUGH THE LENS OF LOCAL OPPOSITION GROUPS (630)	502
HERITAGE VALORISATION AS A CATALYST FOR ECOSYSTEMIC SHIFTS IN CITIES AND REGIONS: COMPARING APPROACHES ACROSS EUROPE (634).....	504
PROCEDURAL JUSTICE THROUGH PUBLIC PARTICIPATION? A MIXED-METHODS STUDY OF A MOBILITY PLANNING PROCESS IN HAMBURG (642).....	506
THE NETWORK OF OLYMPIC ACTORS: PLACING HOSTS AND LOCAL COMMUNITIES WITHIN THE GOVERNANCE OF THE WORLD’S BIGGEST SPORTS EVENT (644).....	508
STORYTELLING: A NARRATIVE APPROACH FOR CONFLICT MANAGEMENT IN PARTICIPATORY URBAN DEVELOPMENT? (662).....	510
MODELS OF PARTICIPATION PROCESSES USED IN PLANNING AND DESIGN OF PUBLIC SPACES (665)	512
LEADERSHIP IN PROMOTING COLLABORATIVE GOVERNANCE OF RURAL REGENERATION THROUGH CULTURAL ROUTES: AN ACTION RESEARCH OF THOMSON AND MAXWELL TAIWAN MULTI-ETHNIC CULTURAL ROUTE (671)	513
ENGAGEMENT OF UKRAINIAN CITIZENS IN POST-WAR RECONSTRUCTION (708).....	515
INTERDISCIPLINARY AND MULTINATIONAL CO-PRODUCTION THROUGH URBAN LIVING LABS (715)....	516
A STUDY ON THE EVALUATION OF RESIDENTIAL URBAN REGENERATION PROJECTS USING THE PERSPECTIVE OF SOCIAL INFRASTRUCTURE (717)	518
MEASURING THE IMPACT OF GREEN SPACE ON HOUSING PRICES: THE CASE OF BUSAN, KOREA (776).	519
TOWARDS COLLABORATIVE GOVERNANCE: COMMUNITY PARTICIPATION IN STREET EXPERIMENTS FOR INNER-CITY REGENERATION (791)	521
RESEARCH ON THE TRANSFORMATION OF WORKER COMMUNITY GOVERNANCE AND RESIDENTS' SELF- ORGANIZATION: TAKE PINGDINGSHAN CITY, CHINA AS AN EXAMPLE (814)	523
BRINGING PARTICIPATION CLOSER TO LOCAL GOVERNANCE EXPECTATIONS IN PORTUGAL: AN EXPLORATORY STUDY (846)	524
REIMAGINING HISTORIC PLACES THROUGH INVESTMENT IN AFFORDABLE HOUSING (849)	526
PUBLIC PARTICIPATION IN URBAN RENEWAL MECHANISM: A PRACTICE OF COMMUNITY PLACEMAKING BY OPTIMIZING SOCIAL CAPITAL (855).....	528
URBAN AUTONOMY IN A NEO-NATIONALIST AGE: THE CASE STUDY OF TEL-AVIV-JAFFA (871).....	529

FROM MEMORIAL AREA TO FINANCIAL CENTER : URBAN PLANNING AND RENEWAL OF THE EUR DISTRICT IN ROME SINCE 1936 (902)	530
BERLIN’S PARTICIPATION CULTURE: THE CHANGING ROLE OF ACTIVE PARTICIPATION IN URBAN PLANNING IN BERLIN TODAY (903)	531
BUILDINGS’ AESTHETICAL EXTERIORS AS AN ETHICAL AND DEMOCRATIC DILEMMA: A NORMATIVE ANALYSIS OF THE PUBLIC ARCHITECTURAL DEBATE (930)	533
EMBEDDING PEOPLE-CENTERED GOVERNANCE PRACTICES IN URBAN DEVELOPMENT PROJECTS: AN INSTITUTIONAL ANALYSIS IN VIENNA AND HELSINGBORG (961)	535
OBSTACLES AND LEVERS FOR IMPACT ANALYSES OF PARTICIPATORY PROCESSES IN URBAN DEVELOPMENT: FINDINGS FROM A SURVEY AND A SYSTEMIC ANALYSIS (962)	537
INNOVATING LOCAL PLANNING CONTEXT THROUGH SELF ORGANIZATION PRACTICES. INSIGHTS FROM SOUTHERN ITALY (965)	539
LOCAL GOVERNANCE AND THE OXYMORON OF FORMALIZING SELF-ORGANISATION FOR DEMOCRATIC SUSTAINABILITY TRANSITIONS (979).....	540
LEARNINGS FROM PARTICIPATORY INSURGENCIES IN EUROPE: INSIGHTS FROM THE HE ORBIS PROJECT (998)	542
RE-COMPLEXIFYING PARTICIPATION (1012)	543
TRACK 07: PLANNING FOR RESILIENCE: TERRITORIES, COMMUNITIES AND ENVIRONMENT	545
PLANNING METHOD OF CORRIDOR NETWORK IN MULTI-RESIDENTIAL PUBLIC SPACE (51)	545
CLIMATE CHANGE ADAPTATION IN THE RUHR METROPOLIS: THE PROJECT „KLIMA-WERK“ AND ITS APPROACH TO A WATER-SENSITIVE URBAN PLANNING (77)	547
EVALUATING THE CONTRIBUTION OF GREEN INFRASTRUCTURE TO URBAN RESILIENCE: THE CASE OF IMRAHOR VALLEY (81).....	549
URBAN LIVABILITY MEASUREMENT CONSIDERING CLIMATE RESILIENCE (90).....	551
UNDERSTANDING AND EXPLAINING DEMOLITION PATTERNS IN US AND GERMAN SHRINKING CITIES (147).....	552
COMMUNITY RESILIENCE: A DETAILED LOOK AT HOW TWO DIFFERENT NEIGHBOURHOODS COPE WITH AND RECOVER FROM THE JULY 2021 FLOOD EVENT (160).....	554
HOUSING, PLACELESSNESS, AND NEW GEOGRAPHIES IN POST-EARTHQUAKE L’AQUILA (162)	556
THE CONCEPT OF DIVERSIFIED ZONING FOR AN INDUSTRIAL AREA IN THE HEART OF THE SUBURBS AS A SOLUTION FOR THE ENVIRONMENTAL AND SOCIAL PROBLEMS. THE CASE OF EURO-PARK KOBIERZYCE (169)	557

BOOM OR DOOM FOR RECLAIM LAND PROJECTS IN TIMES OF RISING INTEREST RATES: THE NEW FINANCIAL REALITY FOR SUCH LARGE INFRASTRUCTURE PROJECTS (193)	558
COUNTRY ROADS, TAKE ME HOME: WHY WE NEED NEW SPATIAL IMAGINARIES FOR MOBILITY AND LAND USE IN THE NON-URBAN AND HOW TO CREATE THEM TOGETHER (195)	559
REFRAMING REGIONAL ECONOMIC RESILIENCE FOR COOPERATIVE REGION (208)	560
THE TRANSFORMATION AND RESILIENCE OF PRECINCTS IN POST-APARTHEID SOUTH AFRICA (223).....	562
CHOICE OF COOKING AND LIGHTING ENERGY SOURCE IN HOUSEHOLD: EMPIRICAL EVIDENCES FROM THE URBAN INDIA (227)	563
RESILIENT INNER CITIES: STRATEGIES FOR THE TRANSITION OF CITY CENTERS IN POST-PANDEMIC-TIMES (237)	564
RESIDENTIAL BEHAVIOR OF HOUSEHOLDS WITH HOUSING DAMAGES DUE TO DISASTER (248)	566
A NATURE DATA PROBE TOOLKIT: EXPLORING THE POTENTIAL FOR ENHANCING NATURE-CONNECTEDNESS BY REVEALING HIDDEN NATURE (257)	567
A STUDY ON THE REGENERATION STRATEGY OF OLD URBAN AREAS FROM A RESILIENCE PERSPECTIVE: THE CASE OF ERQI SQUARE AREA IN DALIAN, CHINA (279).....	569
THE IMPACTS AND SUGGESTION OF FOREST CARBON SEQUESTRATION STRATEGY ON LAND USE CONVERSION WITH NET ZERO CARBON EMISSIONS BY 2050—A CASE STUDY OF TAINAN CITY, TAIWAN (287).....	571
CHALLENGES AND OPPORTUNITIES FOR CLIMATE-FRIENDLY "STREET OPEN SPACE" - EXPERIENCES FROM TAIPEI (292)	572
TOURISM RESILIENCE IN COMPLEX SYSTEMS THROUGH SMART GOVERNANCE (297).....	574
INTERACTION BETWEEN FORMAL AND INFORMAL ACTORS IN THE SHADOW OF POLICY-MAKING: CASE STUDIES OF COMMUNITY-BASED URBAN PLUVIAL FLOOD RISK MANAGEMENT IN THE NETHERLANDS (305)	577
EXPOSURE-ANALYSIS AS A BASIS FOR CLIMATE CHANGE ADAPTATION MEASURES – A CASE STUDY FROM AUSTRIA (314)	579
CITIZEN SCIENCE TO EXPAND PARTICIPATORY PLANNING: POTENTIALS FOR CLIMATE ACTION IN AN UNPREDICTABLE WORLD (345)	581
DAS QUARTIER – A CENTRAL BUILDING PIECE TO TARGET GLOBAL CHALLENGES IN VIEW OF THE SUSTAINABLE AND LIVABLE CITY (347)	583
GEOGRAPHIES OF DEVELOPMENT IN TWO ITALIAN MASSIFS. HOW A CHANGE OF PERSPECTIVE COULD SUPPORT INNOVATIVE PROJECTS FOR MOUNTAIN SPACES (371)	585
TOWARDS THE 'DRAINAGE CITY': ACTIONS AND TOOLS FOR SOIL DE-IMPERMEABILISATION (381).....	587
INTEGRATION OF LOCAL AGRI-FOOD SYSTEMS IN SPATIAL PLANNING: FOODSHED ASSESSMENT THROUGH ECOSYSTEM SERVICES (395)	589

HOW TO MEASURE CULTURAL RESILIENCE? A PROPOSAL TO EVALUATE THE CULTURAL RESILIENCE OF CITIES THROUGH INDICATORS (408).....	592
AN APPROACH TO INCLUDE ECOSYSTEM SERVICES IN THE REGIONAL PLANNING PRACTICE FOR CLIMATE ADAPTATION (426).....	593
THE RECOVERY PHASE OF L'AQUILA (ITALY): DIALOGUES AND PERSPECTIVES FOURTEEN YEARS AFTER THE EARTHQUAKE (452).....	594
RURAL PRODUCTION-LIVING-ECOLOGY SPACE GENE: A PRELIMINARY STUDY ON THE RESILIENT PLANNING METHODS FOR ECOLOGICALLY FRAGILE AREAS IN RURAL AREAS OF THE LOESS HILLY AND GULLY REGION OF NORTHERN SHAANXI, CHINA (457).....	595
NATURE-BASED SOLUTION AS A NEW DIMENSION FOR BUILDING COASTAL RESILIENCE: THE CASE OF THE MEDITERRANEAN BASIN (488).....	597
THE TERRITORIAL RESILIENCE MATRIX: AN ASSESSMENT TOOL FOR GUIDING FUTURE DEVELOPMENT OF INNER AREAS (502).....	599
REFLECTIONS ON A RISK-ADJUSTED APPROACH IN SPATIAL PLANNING (516).....	601
THE SPONGE CITY AS AN INTEGRATED URBAN PLANNING AND DESIGN CONCEPT: A REVIEW (524).....	602
ADAPTATION PLANNING IN FRAGILE AREAS: THE CASE OF CLIMATE CHANGE ADAPTATION PLAN FOR THE VENICE LAGOON (527)	604
ACHIEVING ADAPTATION IN MEDIUM-SIZED CITIES: THE CONTRIBUTION OF URBAN CLIMATE TRANSITION STRATEGIES IN INCREASING SOIL PERMEABILITY (535)	606
A STUDY ON SPATIAL PLANNING STRATEGIES FOR COPING WITH RISKS IN UNDERDEVELOPED RURAL AREAS: A CASE STUDY OF THREE VILLAGES IN GANSU PROVINCE, CHINA (567).....	608
PLANNING FOR DISASTER RISK MANAGEMENT: THE PERSPECTIVE OF GREECE AND ALBANIA ON ENVISIONING RESILIENT FUTURES (570).....	610
THE APPLICATION OF URBAN RESILIENCE IN SPATIAL PLANNING: A CASE STUDY OF SHENZHEN (584)..	612
DETERMINING PLACE QUALITY INDICATORS FOR DESIGNING THE RESILIENT PUBLIC SPACES OF FUTURE CITY: A SYSTEMATIC LITERATURE REVIEW (601).....	613
CO-DESIGNING DEEP-RETROFITTING: A SMALL SCALE SOCIO-TECHNICAL APPROACH TO URBAN RESILIENCE (603)	615
ANALYZING THE THRESHOLD EFFECTS OF FOREST LANDSCAPE SHAPE ON THE SUSTAINABILITY AND RESILIENCE OF SOIL RETENTION ECOSYSTEM SERVICE (635)	617
THE FLEXIBLE CITY: BARCELONA ADAPTS ITS PUBLIC SPACES TO CLIMATE CHANGE (638)	619
URBAN RESILIENCE IN THE FACE OF CHRONIC CRISES AND STRUCTURAL DISORDER: HOW TO SUPPORT COMMUNITIES STRUGGLING WITH THE IMPOSSIBILITY OF CONTRADICTION CHOICES (656).....	621

WHAT CAN WE LEARN FROM HISTORY? COMMUNITY RESILIENCE IN PLANNING AND DESIGN OF TEMPORARY HOUSING NEIGHBOURHOODS IN TIMES OF CRISIS. CASE STUDY OF FINNISH PREFABRICATED HOUSES IN POLAND AND ISRAEL (660).....	623
CHILDREN-LED DISASTER RISK REDUCTION: CO-DESIGNING FLOOD RISK COMMUNICATION BOARD GAME WITH CHILDREN (661)	625
CLIMATE CHANGE AND ECOSYSTEM SERVICES INTEGRATION IN TERRITORIAL PLANNING: THE CASE OF RIMINI METROPOLITAN AREA (680)	628
PLANNING FOR NATURE-BASED SOLUTIONS: THE ROLE OF PRIVATE INVESTMENT (689).....	630
REQUIREMENTS OF REGIONAL CLIMATE IMPACT ANALYSES. OBJECTIVES, DATA, TARGET GROUP (691)	632
RECONNECTING HUMAN ENGAGEMENT WITH URBAN RESILIENCE IN THE ANTHROPOCENE: DATA MINING OF 12345 TO DEVELOP THE RESILIENCE HYPERNETWORK IN CLOUDBURST (724)	634
JUST HEAT ADAPTATION : UNDERSTANDING HOW LOWER-INCOME COMMUNITIES ARE INTEGRATED INTO HEAT ADAPTATION STRATEGIES IN LONDON AND AMSTERDAM (743).....	636
UNDERSTANDING CLIMATE CHANGE NON-ECONOMIC LOSSES AND THE CONTRIBUTION OF PLANNING TO ENHANCE RESILIENCY. A CASE STUDY FROM RURAL MOROCCO (744).....	637
MAPPING BENEFICIARIES OF ECOSYSTEM SERVICES PROVIDED BY PROTECTED LANDSCAPE TO SUPPORT PLANNING FOR RESILIENCE (752)	639
THE RESILIENCE PERSPECTIVE FOR BETTER DEALING WITH TERRITORIAL PLANNING WEAKNESS IN NON-METROPOLITAN AREAS (765).....	640
RESEARCH ON THE PRACTICE OF COASTAL BUFFER ZONE RESILIENCE DESIGN BASED ON THE APPLICATION OF ECOLOGICAL RESTORATION SUPER-DIKE (782).....	642
URBAN GARDENING TRENDS IN EUROPEAN CITIES AS THE PHENOMENON FOSTERING RESILIENCE IN COMMUNITIES AND ENVIRONMENT (827).....	644
DNSH PROTOCOL AND EUROPEAN CLIMATE ADAPTATION: A GAME-CHANGING APPROACH" (830)	646
PLANNING EVALUATION FOR BIODIVERSITY (842)	648
A MULTI-HAZARD REBUILDING STRATEGY FOR UKRAINIAN HOUSING AND INFRASTRUCTURE (843).....	650
RESILIENT SPATIAL PLANNING AND GOVERNANCE STRATEGIES FOR INDUSTRIAL TOWNS FACING SUDDEN EPIDEMICBASED ON THE CASES IN CHINA (850).....	651
SPATIAL ELEMENTS AFFECTING THE RESILIENCE OF RURAL HABITATS: A SYSTEMATIC REVIEW (858)....	652
RESILIENT PLANNING PROJECTS IN FLOOD-PRONE AREAS IN FRANCE, WHO BENEFITS? THE CASE OF VILLENEUVE-SAINT-GEORGES, ÎLE-DE-FRANCE REGION, FRANCE (892)	653
ACTIVATE THE WATER HERITAGE TO BUILD MORE SUSTAINABLE COMMUNITIES (904).....	655

LANDSCAPE-GENERATIVE PRACTICES AS RESILIENCE BUILDING DEVICES? INSIGHTS FROM 3 EUROPEAN CASE STUDIES (922).....	656
EXPLORING BENEFITS AND DRAWBACKS OF APPLYING CIRCULAR ECONOMY (CE) STRATEGIES TO HOUSING DESIGN IN DISASTER-PRONE AREAS (944).....	658
LEAVING NO ONE BEHIND? URBAN FIRE RISK MANAGEMENT IN INFORMAL AREAS: THE CASE OF LUANDA (955)	659
SITUATING SPATIAL PLANNING IN A TRANSDISCIPLINARY PROJECT TO ADDRESS MULTI-HAZARD IMPACT CHAINS (958)	660
RESEARCH ON ECOLOGICAL SENSITIVITY EVALUATION AND ECOLOGICAL SPACE MANAGEMENT OF MOUNTAIN CITY: TAKE FULING, CHINA, AS AN EXAMPLE (984).....	661
MANAGING FLOOD RISK IN A RAPIDLY EXPANDING BORDERLAND: A CASE STUDY OF THU DUC IN HO CHI MINH CITY, VIETNAM (991).....	663
ENHANCING FLOOD RESILIENCE IN URBAN PLANNING: A PARAMETERIZED DESIGN FRAMEWORK INTEGRATING SCS-CN METHOD AND GRASSHOPPER (1010)	666
RESILIENCE AND MULTIRISK ADAPTION: A METHOD AND A CASE STUDY (1046)	668
TRACK 08: PLANNING FOR CULTURE AND TOURISM: PUBLIC SPACES, HERITAGE, IDENTITY, REGENERATION.....	670
MOBILIZING THE SACRED; EXPLORING THE CHANGING CONSERVATION SCENARIOS IN LOITA NAIMINA ENKIYIO FOREST (67)	670
POST-COVID 19 TOURISM IMPACT ON THE MOBILITY OF CARE IN BARCELONA: A GENDER PERSPECTIVE (68)	671
THE USE OF A DIGITAL WEB PLATFORM TO COLLECT SPATIAL KNOWLEDGE FROM LOCAL RESIDENTS FOR A PUBLIC SPACE QUALITY EVALUATION (83)	672
CHALLENGES OF HISTORICAL HERITAGE IN RURAL AREA BESIDE METROPOLIS: A CASE STUDY OF THE 7TH SALT STOVE RIVER, PUDONG AREA, SHANGHAI (86).....	674
EVOLUTION OF OLYMPIC VENUES IN URBAN CONTEXT: INTEGRATION, CONFIGURATION, AND HERITAGE: CASE STUDIES OF BEIJING 2022 AND TURIN 2006 WINTER OLYMPIC GAMES (129).....	676
THE PUBLICNESS OF SPACE IN HELSINKI LIBRARIES: LETTING THE OUTSIDE IN AND THE INSIDE OUT (133)	678
QUANTIFYING CITYSCAPE PERCEPTION OF CHINESE HISTORIC AREAS IN VIDEO ERA BY USING TIKTOK DATA: THE CASE STUDY IN XI'AN (145).....	680
PUBLIC SPACE, ARTEFACTS AND (HYPER-)DIVERSITY. HOW AFFORDANCES LEAD TO VARIOUS USES (175)	682
THE PERCEPTION AND PREFERENCE OF COMPOUND SPACES IN TRADITIONAL VILLAGES IN CHINA (212)	684

THE CONSTRUCTION OF PEACE IN SOUTH AFRICAN PUBLIC SPACES THROUGH REGENERATIVE DEVELOPMENT AND DESIGN (224)	685
ENGAGING DIGITALLY: ASSESSING YOUTH DIGITAL PARTICIPATION IN CULTURAL HERITAGE MANAGEMENT (239)	686
STAND OR WALK: SYSTEMATIC OBSERVATION AND BEHAVIORAL MAPPING IN URBAN AND RURAL LANDSCAPES (250)	688
PROSPECTIVE COMPREHENSION OF ABANDONED INDUSTRIAL SITES: STRIJP-S EINDHOVEN AS AN EXAMPLE (273)	690
WHERE TO LAND IN CITIES IN CONFLICT? DIFFRACTIVE SPATIAL PRACTICES FOR PEACE BUILDING IN NICOSIA, CYPRUS (290)	691
SOCIAL ROLE OF ZOOLOGICAL PARKS AS URBAN GREEN SPACES IN JAPAN (291)	693
RE-INTRODUCING VILLA GORDIANI: TAILORING THE HISTORICAL LANDSCAPE VALUES WITHIN THE CONTEMPORARY URBAN FABRIC (391)	695
RE-IMAGINE CAMPUS PUBLIC SPACES TO SUPPORT 15 MIN CAMPUS (407)	696
THE COMMODITIZATION OF CULTURAL HERITAGE IN THE MULTIACTOR GOVERNANCE OF CHINA: A CASE STUDY OF THE HONGJIANG TRADING TOWN (410).....	697
UNDERSTANDING TACTICAL URBANISMS IN DERELICT AREAS (411)	699
THE SIMPLIFIED COURTYARD AND ITS PUBLIC SPACE IN NORTH CHINA'S SMALL CITIES: SIGNIFICANCE, THREATS, AND OPPORTUNITIES (415)	700
URBAN COMMUNITY REGENERATION IN CHINA: PLANNING RESPONSE, ROLE RELATIONSHIP AND EXPERIENCE IN AN ERA OF CHANGE (453).....	702
A PRELIMINARY STUDY ON PLANNING GUIDELINES FOR THE TRANSFORMATION OF PUBLIC SPACE IN TRADITIONAL RESIDENTIAL AREAS IN THE COUNTY TOWN:THE EXAMPLE OF TYPICAL RESIDENTIAL AREAS IN PUCHENG COUNTY, CHINA (458)	704
THE EFFECTS OF THE OLYMPIC AGENDA 2020 ON URBAN PLANNING FOR MEGA-EVENTS: ASSESSING CASE STUDIES OF FUTURE OLYMPIC GAMES AND OUTLINING NEW RECOMMENDATIONS (462)	706
PLACES AND SPACES OF FASHION IN THE HISTORIC CITY CENTRES OF MAJOR POLISH CITIES (469).....	707
USING SPACE SYNTAX ANALYSIS TO EVALUATE THE ACCESSIBILITY OF OPEN SPACES IN NEIGHBORHOODS: THE CASE OF NEW CITIES IN SEOUL METROPOLITAN AREA (474)	708
TOWARDS HIGHER-DENSITY COMMUNITIES: A DISRUPTIVE TRANSITION? (THE CASE OF NANHUAN NEW RESIDENTIAL COMMUNITY IN SUZHOU, CHINA (478)	711
INTEGRATING NARRATIVITY IN THE COGNITION OF URBAN MORPHOLOGY: THE MENDONG AREA IN NANJING (494).....	713
ON THE ROAD THROUGH CINEMATIC LANDSCAPES : THE IMAGINATION OF URBANIZED MOTORWAY LANDSCAPES IN THE CONTEMPORARY FICTION FILMS STEVE+SKY AND AMERICAN HONEY (552)....	715

THE NATIONAL VILLAGE AND THE NATIONALITIES IN VILLAGE: THE NATIONAL IDENTITY OF HUI AND EVOLUTION OF PUBLIC SPACE AND DWELLINGS IN XIZHOU OLD TOWN, YUNNAN PROVINCE (561)	716
EXPLORING THE CONTEXTUAL LINKS BETWEEN TRANSNATIONAL ARCHITECTS AND LOCAL CULTURAL FLAGSHIPS THROUGH 5 SANAA PROJECTS (580)	718
EXPLORING FEMINISMS AND COMMONING WITHIN CONSTRUCTING URBAN PEACE PROCESSES (604)	720
THE RISE OF SOCIAL-MEDIA-POPULAR-PLACES IN CHINA: THE TRANSFORMATION OF PLACE IDENTITY AND PUBLIC SPACES IN THE NEW MEDIA ERA (613)	721
ECOMUSEUMS AND COMMUNITY MUSEUMS AS PLANNING DEVICES FOR LANDSCAPES' CARE? LESSONS FROM SOUTHERN EUROPE (615)	723
ANALYTICAL STUDY OF HOSPITALITY CULTURE AND URBAN IDENTITY IN RED SEA COASTAL PORT CITIES: CASE STUDY OF JEDDAH SAUDI ARABIA (616)	725
ANALYSIS OF ACCESS TO RETAIL FACILITIES AMONG GENTRIFICATION AND TOURISTIFICATION IN LISBON CITY CENTRE (621)	726
THE INNOVATIVE FRAMEWORK AND IMPLEMENTATION STRATEGY OF INTEGRATED PLANNING (623)	728
SEMIFORMAL DESIGN: INTERPLAY OF DESIGN AND APPROPRIATION IN THE LIVING LAB "JOIN-IN-BOX" (664)	729
FROM COPING, ADAPTATION TO TRANSFORMATION: NEW IDEAS FOR RURAL REVITALIZATION IN IMPORTANT AGRICULTURAL HERITAGE SYSTEM SITES (669)	732
MAPPING THE MELLAH OF ESSAOUIRA, MOROCCO (672)	734
EMERGING AGENCIES WITHIN ARTISTIC METHODS OF CO-CREATION THAT INFORM PLACE NARRATIVES (716)	735
A STUDY ON THE DERIVATION AND APPLICATION OF TOWN MANAGEMENT COMPONENTS FOR THE REVITALIZATION OF ALLEY BUSINESS DISTRICT (718)	736
URBAN REGENERATION AS A TACTICAL: PROMOTIVE PLANNING TOOL: A FAILED ATTEMPT OF URBAN TRANSFORMATION, THE CASE OF SAMSUN (722)	737
HERITAGE AS A REFLECTION OF VOICELESSNESS: THE TRIPARTITE PERSPECTIVE ON THE URBAN EXPERIENCE OF ROMANI WOMEN (768)	739
THE SIGNIFICANCE AND PRACTICE OF ECOLOGICAL AGRICULTURAL COMPLEX CONSTRUCTION IN THE PROTECTION OF TRADITIONAL VILLAGES AND CULTURAL INHERITANCE (770)	740
RESEARCH ON THE EFFECTIVENESS EVALUATION OF HEALTH SERVICE OF RURAL PUBLIC CULTURE AND SPORTS SPACE IN NORTHERN SHAANXI PROVINCE, CHINA (773)	741
WELL-BEING SCORE (WBS) AS A COMPOSITE PHYSIOLOGICAL, PSYCHOLOGICAL AND SPATIAL APPROACH TO EVALUATING THE QUALITY OF PUBLIC SPACES (780)	742
CO-DESIGNING THE NIGHT CITY: THE RISE OF THE NIGHT-TIME ECONOMY IN TURIN AND THE CHALLENGES FOR THE URBAN SPATIAL GOVERNANCE (787)	744

HERITAGE AND DEVELOPMENT PLANNING OF YUANMINGYUAN CULTURAL AND CREATIVE PRODUCTS FROM THE PERSPECTIVE OF CULTURAL CONSUMPTION (798)	746
RESEARCH ON THE REGENERATION OF CULTURAL STRATEGIES IN TOURIST SCENIC AREA :AN EXAMPLE OF CHONGWU ANCIENT TOWN IN HUIAN COUNTY, FUJIAN PROVINCE (812)	747
EXPLORING SPATIO-TEMPORAL PATTERNS OF THE CULTURAL TOURISM SPACE THROUGH THE LENS OF GENDER INCLUSION: A CASE OF PANJIAYUAN ANTIQUE MARKET IN BEIJING, CHINA (813)	749
RESEARCH ON LIVE PROTECTION OF JIANSHUI DRAGON KILN HISTORICAL AND CULTURAL LANDSCAPE BASED ON "LANDSCAPE-CULTURE" SYNERGISTIC EVOLUTION (820)	751
THE TRADITIONAL FLOATING HOUSE OF THE BRAZILIAN AMAZON, MANAUS: POSSIBLE FOUNDATIONS FOR ITS IDENTITY SUSTAINABILITY (823)	752
FROM THE CENTRE TO THE PERIPHERY: THE TRANSFORMATION OF A STREET SPACE (826)	754
CULTURAL HERITAGE OF SOCIALIST MODERNISM: UNWANTED LEGACY, OR LOCAL DEVELOPMENT FACTOR? (828).....	755
SMALL PUBLIC SPACES FOR RECREATION AND PLAY: STAKEHOLDERS' ROLES IN PROVIDING INCLUSIVE PLAYGROUNDS AS CATALYSTS OF SOCIAL TENSIONS (834).....	757
TEL AVIV'S WHITE CITY: CHANGE, CONSERVATION, CONFLICTS, AND EVERYTHING IN BETWEEN (836) .	759
PUBLIC SPACE: A NEW POLITICAL AGENDA OF THE LIBERAL ECONOMY IN KOSOVO (840)	761
CORRELATION ANALYSIS BETWEEN SOCIAL NETWORKS AND LOCATION FACTORS OF DESIGN INDUSTRY CLUSTER IN NANJING'S MAIN CITY (859)	762
SPATIAL CHANGES OF HISTORIC CITY CENTRES AFTER WORLD WAR II. EXAMPLES FROM NORTHERN AND WESTERN POLAND (865).....	763
CULTURE, INDUSTRIAL HERITAGE AND TERRITORIAL INNOVATION (923)	765
CO-CREATING URBAN KNOWLEDGE IN DIVERSE NEIGHBOURHOOD PUBLIC SPACES: COMMUNITY-ENGAGED PEDAGOGIES (932)	767
TRADITIONAL VILLAGE EVOLUTION MECHANISM AND PLANNING OPTIMIZATION STRATEGY BASED ON CULTURAL-ECOLOGICAL PERSPECTIVE: THE CASE OF QIONGKUSHITAI VILLAGE IN XINJIANG, CHINA (936).....	769
RIVERS IN SHAPING THE URBAN FORM: THE CASES OF POZNAN AND DHARAVI (940)	770
MOBILITY IN THE HISTORIC CITY. DISCOVERING AND MOVING THROUGH INFORMAL SOCIAL SETTINGS (943)	771
UNDERSTANDING THE RELATIONSHIP OF URBAN IDENTITY, PUBLIC PLACES, AND COGNITIVE CONSONANCE IN CITIES OF THE GLOBAL SOUTH: A CASE OF VARANASI, INDIA (952)	773
RESEARCH ON THE TYPES AND SPATIAL-TEMPORAL CHARACTERISTICS OF POPULATION RETURN IN TRADITIONAL AGRICULTURAL AREAS: A CASE STUDY OF SHOU COUNTY, CHINA (954)	775

URBAN HERITAGE – PLANNING AND DESIGN CHALLENGES TO PREPARE BUILDINGS AND PUBLIC SPACES FOR A MORE SUSTAINABLE FUTURE (970).....	776
PUBLIC SPACE, CLIMATE ACTION AND SUSTAINABLE TRANSFORMATION AT UNIVERSITY CAMPUSES (977)	778
REPURPOSING CULTURAL HERITAGE: THE CASE STUDY OF MONTEMOR-O-NOVO (980).....	779
URBAN GOVERNANCE FOR INCLUSIVE TOURISM: EVIDENCE FROM KINTAMPO NORTH MUNICIPALITY OF GHANA (1001)	781
ART AS A WAY OF RELIEVING SOCIAL TENSIONS IN URBAN TIME-SPACE: THE CONTRIBUTION OF MUSICAL DANCE FILMS TO CULTURAL PLANNING (1002).....	782
REFLECTIONS ON TIRANA’S URBAN IDENTITY (1005)	784
A STUDY ON THE IDENTITY AND TOURISM DIRECTION OF BUSAN (1016)	785
PLACEMAKING TOOLKIT FOR WALES: CO-PRODUCING KNOWLEDGE WITH FOUR LOCAL AUTHORITIES (1017)	786
THE POTENTIAL OF PARK FRINGES (1019)	787
TRACK 09: PLANNING FOR INCLUSIVE, MULTICULTURAL AND JUST CITIES	788
REGIONAL ENVIRONMENTAL JUSTICE IN THE RUHR METROPOLIS (75).....	788
MS FACTORS THAT INFLUENCE PLACE-BASED SOCIAL WELLBEING FOR THE ELDERLY (104).....	790
THE IMPORTANCE OF LEGALIZATION POLICY IN SPATIAL DEVELOPMENT, PLANNING, AND GOVERNANCE: INSIGHT FROM SERBIA (108).....	791
WOMEN AS SUBJECTS OF EQUALITY (151).....	793
LONGING FOR GREEN IN THE GLITZY CITY: MEASURING ACCESS TO GREEN INFRASTRUCTURE WITHIN THE CITY OF DUBAI (152)	794
CASINOS AS A PUBLIC HEALTH HAZARD REINFORCING SEGREGATION IN A MARGINALIZED BULGARIAN NEIGHBOURHOOD (164).....	796
NEW BUILDS AND NEWCOMERS NEAR CAMPUS: STUDENTIFICATION, YOUTHIFICATION, GENTRIFICATION, ALL AT ONCE? (168)	798
SUBALTERN DIGITAL URBAN ACTIVISM: EVERYDAY LIFE NEGOTIATION AND THE STRUGGLE FOR STRUCTURAL SOCIO-POLITICAL CHANGE (198)	800
THE PRICE PAID FOR CHEAP HOUSING - AFFORDABLE HOUSING WITH FEW SERVICES MAY BE TOO COSTLY IN THE END (205).....	803
THE IMPACT OF SOCIAL INFRASTRUCTURE ON INDIVIDUAL SOCIAL ISOLATION USING MULTILEVEL LOGISTIC MODEL (207).....	805

CHANGES OF TRIPLE SEGMENTATION PATTERNS OF THE LABOR MARKET AND HETEROGENEITY OF GAP IN KOREA: A LABYRINTH OF IN-WORK POVERTY (209)	807
LOW-INCOME CLASS’S RESIDENTIAL SEGREGATION AND URBAN REDEVELOPMENT PROJECT BETWEEN 2011 AND 2020 (210)	809
EFFECT OF EQUITY IN LIVING AREA PARKS ON INDIVIDUAL LIFE SATISFACTION BASED ON THE GINI INDEX AND MULTILEVEL ANALYSIS (221).....	811
CONDUCTING AN EXPERIMENT TO PREVENT AND COMBAT SEXUAL AND GENDER-BASED VIOLENCE IN TRANSPORT: THE CASE OF LINE 13 ON THE RATP ILE-DE-FRANCE NETWORK (244)	812
PERCEPTIONS MATTER: A TEMPORAL ANALYSIS OF STAKEHOLDER OPINION OF NORTHERN IRELAND’S PLANNING SYSTEM (246)	813
DESIGNING FOR GENDER EQUALITY: SPATIAL THRESHOLDS AS EMPOWERMENT DEVICES (254).....	814
COASEAN PLANNING METHODS AND USE OF TACIT INFORMATION AND VALUE CAPTURE INSTRUMENTS (269).....	816
ANALYSIS OF THE SPATIAL CLUSTERING CHARACTERISTICS OF AIRBNB IN HONG KONG AND PLANNING AND GOVERNANCE STRATEGIES (272).....	817
PARTICIPATORY PLANNING AND INCLUSIVE DESIGN THROUGH A STAKEHOLDER WORKSHOP: A HANDS-ON EXPERIENCE ON A MIDDLE-CLASS MASS HOUSING SITE IN ANKARA (277) HIGHLIGHTING	819
PUBLIC SPACE WITH A GENDER PERSPECTIVE. INFONAVIT AMALUCAN HOUSING UNIT, PUEBLA-MEXICO (288)	821
BRIDGING INCLUSION AND INNOVATION THROUGH URBAN INNOVATION POLICY—THE CASE OF MELBOURNE INNOVATION DISTRICT (303).....	823
THE MAKING OF SPATIAL INJUSTICE: A CASE STUDY OF THE HONG KONG PLANNING STANDARDS AND GUIDELINES (312).....	825
THE “SYLTIFICATION” OF THE GERMAN HOLIDAY ISLANDS: OUT-OF-CONTROL HOUSING MARKETS UNDERMINE THE FOUNDATIONS OF ISLAND LIFE (322).....	827
PILOT EXPERIENCES IN TURIN (ITALY) OF COLLABORATIVE HOUSING: NETWORK AND SPECIFIC CASES (325)	828
PLANNING AND EVERYDAY MULTICULTURALISM : A MODEST AND OPEN PROPOSAL TO WORK WITH DIFFERENCES “IN THE FIELD” (327).....	830
THE MEANING OF PERFECT HOME: EMERGING NEEDS FOR SUSTAINABLE LIVING AND SOCIAL RESILIENCE IN MALAYSIA (341)	832
MULTI-FUNCTIONAL ORIENTED AREA REGENERATION: PATHFINDING FOR SPATIAL JUSTICE IN SHANGHAI (374).....	834
LGBTQI+ NEEDS AND PLANNING: AN INQUIRY OF THE INCLUSIVITY OF PLANNING POLICIES AND PRACTICES TO ADDRESS SOCIO-SPATIAL JUSTICE (376)	836

ASSESSING HOUSING QUALITY FOR LOW- INCOME GROUP IN THE CENTRAL BUSINESS DISTRICT OF BANGKOK, THAILAND (430)	838
A NEW STORY: COUNTER-NARRATIVES TO OVERCOME THE STIGMA OF MULTIETHNIC WORKING-CLASS NEIGHBOURHOODS. THE CASE OF AURORA IN TURIN (ITALY) (433).....	839
EXPLORING SYSTEMATIC MAPPING OF THE PLAYScape QUALITY OF CITIES TO INFORM SPATIAL PLANNING (436)	840
THE ELDERLY’S SOCIAL WELLBEING AT THE NEIGHBOURHOOD SCALE: SCALE DEVELOPMENT AND VALIDATION (445)	842
ADAPTIVE RESIDENTIAL OUTDOOR ENVIRONMENT FOR INCLUSIVE AGING IN PLACE (470)	843
IF PARTICIPATORY BUDGETING CAN BE A TOOL SUPPORTING URBAN REGENERATION PROCESSES? THE EVIDENCE FROM ŁÓDŹ (POLAND) (475).....	844
TOWARDS HIGHER-DENSITY COMMUNITIES: A DISRUPTIVE TRANSITION? THE CASE OF NANHUAN NEW RESIDENTIAL COMMUNITY IN SUZHOU, CHINA (478)	846
MEASUREMENT AND OPTIMIZATION OF CHILDREN’S SLOW-WALKING SPATIAL ENVIRONMENT IN RESIDENTIAL AREAS UNDER THE BACKGROUND OF HEALTH PROMOTION (479).....	848
INSTITUTING LANDSCAPES: A NEW APPROACH TO CIVIC ENGAGEMENT IN THE PLANNING DEBATE (483)	849
THE EFFECT OF CRIME VULNERABILITY AND FEAR OF CRIME ON LIFE SATISFACTION IN FOREIGNER CONCENTRATED AREAS : COMPARISON OF NATIVE AND FOREIGN RESIDENTS (485).....	851
IDENTITY CONSTRUCTION AND COUNTER-HEGEMONIC STRUGGLE: THE CASE OF HONG KONG RURAL SQUATTERS (491)	853
CHILDREN AND PLANNING IN GREECE: HOW CAN LOCAL COMMUNITIES OPERATIONALISE A MORE JUST CITY FOR CHILDREN? (518).....	855
COMBINING COMMUNITY ORGANIZING AND ALTERNATIVE FORMS OF HOUSING TO REDUCE SOCIO-SPATIAL INEQUALITIES: EXPLORING EXPERIMENTAL PRACTICES IN THE CITY OF BOSTON (525)	857
BALANCING POLITICAL, ENVIRONMENTAL, AND SOCIAL OBJECTIVES IN RURAL COMMUNITIES: A COMPARATIVE STUDY OF “SOCIAL ENTREPRENEURSHIP” AND “INDIGENOUS” APPROACHES (533). 860	
HOW EDUCATIONAL PLANNING AND INSTITUTIONAL PRACTICES SHAPE SCHOOL SEGREGATION (537) 861	
THE RIGHT TO HOUSING IN TIMES OF CRISES: SOCIAL MOBILIZATION IN THE FIRST SPANISH HOUSING LAW (539).....	863
JUSTICE AND SPACE. DISENTANGLING THE NOTION OF “SPATIAL JUSTICE” AND REDISCUSSING THE “SPATIAL TURN” (542).....	865
REGULATIONS FOR PROVIDING PHYSICAL ACCESS TO HOUSING FOR PEOPLE WITH DISABILITIES (547) 866	
PUBLIC OPEN SPACES AND INFRASTRUCTURES IN LARGE INDUSTRIAL HOUSING ESTATES: IDENTIFYING AND BRIDGING GAPS FOR JUST, ATTRACTIVE AND SUSTAINABLE NEIGHBOURHOODS (548)	867

PARK SEGREGATION AND PARK ACCESS: AN ENVIRONMENTAL JUSTICE INQUIRY OF URBAN PARKS IN MONTGOMERY, ALABAMA (558).....	869
A PHOTOVOICE APPROACH TO STUDYING NEIGHBORHOOD-LEVEL FOOD ENVIRONMENTS FOR PLACE-BASED FOOD PLANNING IN THE METROPOLITAN REGION OF AMSTERDAM (559)	871
GIVE AND TAKE (AND RETURN): THE 'SYMBOLIC EXCHANGE' AND THE SETTLEMENT OF EZIDI REFUGEES IN ARMIDALE, AUSTRALIA (566).....	875
SUBURBAN REGENERATION VIA SOCIAL INCLUSION AND PARTICIPATORY DESIGN: TURNING THE PRISON OF FLORENCE (ITALY) INTO E PERIPHERAL CENTRALITY (582).....	876
THE CHANGING ROLE(S) OF HOUSING ASSOCIATIONS IN DENMARK ILLUSTRATED THROUGH 'URBAN REGENERATION' PROJECTS (590).....	877
EQUITY AND SPATIAL JUSTICE PERSPECTIVES IN TRANSPORTATION (620)	878
DIFFERENCES IN URBAN PLANNING. EXPLORING AFFECT AND BEHAVIOR IN PEOPLE-PLACE RELATIONSHIPS (666)	880
DREAMING DIGNITY IN A DARK PLACE: EXPLORING THE MEANING OF LIVING IN DIGNITY IN JOHANNESBURG, SOUTH AFRICA'S HIJACKED BUILDINGS (673)	882
RULES AND (DIS)ORDER: DO MEASURES LIKE THE AFFORDABLE HOUSING PERMIT IN THE HAGUE MAKE JUSTICE? TO WHOM? HOW CAN WE EVALUATE IT? (676)	883
SHOULD CHILDREN BE SEEN AND NOT HEARD? CHILDREN'S INVOLVEMENT IN GREEN SPACE PLANNING (711)	884
LEARNING AFTER SCHOOL: AFFORDANCES OF SCHOOL SURROUNDINGS FOR INFORMAL LEARNING OF GIRLS IN THE CONTEXT OF TEHERAN, IRAN (728).....	886
ASSESSING SOCIAL HOUSING EFFECTS ON INFORMAL SETTLEMENTS IN BOGOTÁ, COLOMBIA (759).....	888
WOMEN'S PREFERENCE AND PUBLIC SPACES QUALITY: A CASE STUDY OF PUBLIC SPACES IN HONG KONG (761).....	890
MIGRANT HOUSING EMERGENCY: A CRITICAL READING OF FORMAL AND INFORMAL SETTLEMENT PHENOMENA (766)	892
EVALUATION OF THE EFFECTIVENESS OF PUBLIC SPORTS FACILITIES SERVICES IN COUNTIES UNDER THE CONCEPT OF HEALTH EQUITY - AN EXAMPLE FROM NORTHWEST CHINA (774)	894
WHERE SOCIAL POLICY AND PLANNING MEET: PROVISION OF CARE FOR THE ELDERLY IN DENSIFICATION PROJECTS (781)	895
THE UNIVERSITY CITY IN THE MAKING: PATTERNS OF SOCIAL EXCLUSION IN TURIN, ITALY (790)	896
A TAIL OF TWO CITIES: REEVALUATING THE SUPERBLOCK CONCEPT IN BELGRADE AND DARMSTADT (793)	898
DOING DIVERSITY IN THE CONTEXT OF URBAN RESTRUCTURING PROCESSES (805)	900

TOWARDS A BETTER UNDERSTANDING OF PEOPLE'S PERCEPTION OF FAIRNESS THROUGH COMPARING SOCIO-ECONOMIC WITH SPATIAL EXPLANATIONS: A RESIDENTS' SURVEY ON PUBLIC ACCEPTABILITY OF THE LONDON ULEZ (808)	901
WHO AND WHERE BENEFITS FROM SCHOOL GREENERY? AN ASSESSMENT OF SOCIO-ENVIRONMENTAL DISPARITIES IN SCHOOL GREENERY AMONG CHILDREN UNDER FIXED URBAN MORPHOLOGY (832)	903
IMPACT OF NEIGHBOURHOOD URBAN FORM AND SOCIO-ECONOMIC CHARACTERISTICS ON THE ELDERLY'S PLACE-BASED SOCIAL WELLBEING (833)	905
SHADES OF COOPERATION IN DENSIFICATION PROJECTS: CONTEMPORARY URBAN DEVELOPMENT IN ZÜRICH, SWITZERLAND (872)	906
ASSESSMENT OF URBAN PLANNING AND DESIGN GUIDELINES FOR CREATING CHILD-FRIENDLY ENVIRONMENTS: WHAT CAN WE LEARN FROM CHILDREN? (876)	907
COMPARING METHODS FOR NEIGHBORHOOD MAPPING WITH CHILDREN IN THE CONTEXT OF TÜRKIYE (879).....	908
CITIES WE CHOOSE TO LIVE IN - WORKING WITH UKRAINIAN REFUGEES IN SPAIN AND SWEDEN (885)	909
COLLABORATIVE HOUSING AND YOUTH IN HOSTILE CONTEXTS: THEORETICAL AND METHODOLOGICAL INSIGHTS FROM MULTI-CASE CO-RESEARCH IN ITALY AND THE USA (905)	910
HIGHLIGHTING HEALTH AND WELLBEING DIMENSIONS WITHIN PUBLIC ENGAGEMENT PRACTICES: LEARNING FROM A CASE STUDY IN BRISTOL, UK (908)	912
URBAN PERIPHERALITY: KEY ASPECTS AND MECHANISMS (912)	914
URBANISMO CON ÑEQ'É: LA PAZ—A CITY SHAPED BY STRENGTH AND PERSEVERANCE (956).....	915
TRACING SOCIAL RIGHTS ON THE GROUND: INSTITUTING PRACTICES IN THE PERIPHERY OF NAPLES (986)	918
REASSEMBLING THE CITY: THE ROLE OF THE GREEN ROUTE IN SOCIO-URBAN INCLUSION (996)	920
TRENDS AND GAPS IN HOUSING INEQUALITY RESEARCH: A BIBLIOMETRIC AND CONTENT ANALYSIS (1014)	921
TRACK 10: INTERDISCIPLINARY PLANNING EDUCATION: CHALLENGES, DIALOGUES, INNOVATIONS	922
VALUES IN PLANNING: LEARNING FROM ORTHODOX AND HETERODOX EPISTEMOLOGIES (76).....	922
BECOMING A PLANNER IN A COLONISED COUNTRY (100)	923
THE BEAUTY OF TRANSITION: AESTHETICS AND BEAUTY IN STRATEGIC URBAN TRANSITION. INSIGHTS FROM AN EXPERIMENT IN PLANNING EDUCATION (128)	924
REAL-LIFE CASE STUDIES: CRITICAL PEDAGOGY THROUGH EBD EDUCATION (137)	926

“... IN MY POINT OF VIEW, PLANNERS ARE SOCIETY'S HUMANISERS” (POSTGRADUATE STUDENT). FINDINGS FROM AN EXTENSIVE STUDY OF STUDENT MOTIVATION FOR ENTERING PLANNING EDUCATION IN THE UK/IRELAND (157).....	927
INTERNATIONAL IN-PERSON LEARNING: TEN YEARS OF THE TRANS-ATLANTIC SEMINAR (TAS) (186)....	928
LEAVING THE LECTURE HALL BEHIND: THE POTENTIAL OF PODCASTS IN PLANNING EDUCATION FOR STUDENTS AND PRACTITIONERS (215)	930
CAPACITY BUILDING FOR RESILIENT URBAN DEVELOPMENT IN SOUTH EAST ASIA: JOINT TRAINING COURSES AND A DUAL PHD (231)	932
DEVELOPING REFLECTIVE PRACTITIONERS IN PARTNERSHIP WITH PRACTICE (263).....	935
A REVIEW ON THE TEACHER-STUDENT CO-CREATION IN PLANNING EDUCATION IN THE CONTEXT OF COMMUNITY ENGAGEMENT (286)	937
A COMPARATIVE PRODUCT ANALYSIS OF PRE AND POST-COVID-19 BASIC DESIGN EDUCATION (313)..	938
DOES URBAN DESIGN STILL MATTER IN PLANNING EDUCATION IN POLAND? (346)	939
TRANSDISCIPLINARY AND STUDENT COMMUNITY PARTICIPATION IN URBAN PLANNING EDUCATION: A CHALLENGE-BASED APPROACH INCORPORATING CRITICAL PEDAGOGIES (423)	941
LITERARY TOURISM AND BEYOND: THE CASE OF SARMEDE (432)	943
GOVERNING ECONOMIC VALUE? RETHINKING THE ROLE AND TOOLS OF PLANNERS WITHIN TODAY'S FINANCIALIZED CITIES (460)	946
PEDAGOGIES FOR INTERDISCIPLINARY AND INTEGRATIVE PLANNING EDUCATION THROUGH METABOLIC AND CIRCULAR-CITY APPROACHES (465)	948
WHAT DOES IT MEAN TO BE A 'TRANSFORMATIVE AGENT'? A REFLECTION ON MULTIPLE DIMENSIONS OF PARTICIPATION IN TRANSFORMATIVE RESEARCH IN MEDIUM-SIZED CITIES IN GERMANY (486) .	950
A TEMPORARY UNIVERSITY AS OPEN(ING) LEARNING PROCESS FOR REGIONAL TRANSFORMATION (536)	952
STORYTELLING IN PLANNING EDUCATION: EXPLORING THE RELATIONSHIP BETWEEN PLANNING AND SYSTEMIC RACISM THROUGH ORAL HISTORY (663)	954
EDUCATING THE NEXT GENERATION OF PLANNING PROFESSIONALS FOR THE TRANSFORMATION TOWARDS SUSTAINABLE CITIES AND REGIONS: EXPERIENCES, CHALLENGES AND IMPLICATIONS (687)	956
APPROACHING COMPLEX REAL-LIFE PLANNING CHALLENGES THROUGH INTERDISCIPLINARY EDUCATION. THE CASE OF CHALLENGE@POLITO (705).....	958
OVERCOMING CHALLENGES IN DELIVERING COMMUNITY ENGAGED LEARNING FOR PLANNING STUDENTS IN THIRD-LEVEL EDUCATION (735).....	960
INTEGRATED PLANNING APPROACHES IN HIGHER EDUCATION: A FIRST OVERVIEW OF INPLANED RESEARCH PROJECT (788)	962

WALKABOUTS: THE USE OF ADAPTIVE LEARNING MODELS IN URBAN PLANNING UNDERGRADUATE PROGRAMMES ACROSS A SELECT SAMPLE OF EUROPEAN UNIVERSITIES OF APPLIED SCIENCES (825)	964
THE IMPLEMENTATION OF LISP PROGRAMMING LANGUAGE AS AN INNOVATIVE COMPUTATIONAL METHOD TO READ THE HISTORICAL URBAN FABRIC (886)	965
NEW COMPETENCIES FOR ENGAGED PLANNERS IN THE TERRITORIAL IMPACT OF THE R&D INFRASTRUCTURE: THE CASE OF THE ROME TECHNOPOLE (893)	966
PLANNING IN LAGGING TERRITORIES: AN INNOVATIVE METHOD TO DEVELOP PLACE-BASED POLICIES AND INTERVENTIONS (895)	968
A METHODOLOGICAL TOOLKIT FOR APPLYING COOPERATIVE STRATEGIC PLANNING IN EDUCATIVE AND APPLICATIVE EXPERIENCES (911)	970
TEACHING A NEW MIXED METHOD IN SPATIAL CASE SELECTION THROUGH DEPOLITICIZE OF PLANNING: CASE STUDY: LESS DEVELOPED REGIONS (945)	971
HOW TO BECOME THE INSTRUCTIVE FOOL - SUPERVISING PLANNING STUDENTS AT A PBL UNIVERSITY (948)	974
IS IT WORTH TO TEACH CITY MANAGEMENT? (967)	975
THE IMPACT OF COVID-19 PANDEMIC ON PLANNING EDUCATION IN THE UK (1003)	977
TRACK 11: TURBULENT URBAN FUTURES: UNCERTAINTY AND ADAPTABILITY	978
DISTRIBUTION, CAUSES AND GOVERNANCE OF URBAN SHRINKAGE IN CHINA (52)	978
IDENTIFYING INDOOR AIR CONTAMINATION DUE TO USAGE OF CONVENTIONAL BUILDING MATERIALS IN URBAN HOUSING SCENARIO (56)	980
EVALUATION OF URBAN TYPOLOGIES SURROUNDING CORE CITY IN KOLKATA URBAN AGGLOMERATION (57)	982
ANALYSIS OF RESEARCH HOTSPOTS AND TRENDS OF RESILIENT CITIES AT HOME AND ABROAD SINCE THE NEW CENTURY WITH KNOWLEDGE GRAPH (71)	983
ENVISIONING AND PLANNING FOR PLANETARY LIVEABILITY: BREAKING THE SPELL OF PLANNING FOR A WRONG WORLD (74)	984
SPATIAL LOCATION OF FLOOD RISK FROM CLIMATE CHANGE AND URBAN DEVELOPMENT —A CASE STUDY OF TAIPEI CITY, TAIWAN (126)	986
SHRINKING REGIONS UNDER PRESSURE – A REGIONAL APPROACH TO JOINTLY PROVIDING HIGHER QUALITY GOODS AND SERVICES AT THE EXAMPLE OF THE HARZ REGION, GERMANY (179)	987
A REAL OPTIONS APPROACH TO TRANSPORTATION PROJECT EVALUATION IN SITUATIONS OF UNCERTAINTY AND FLEXIBILITY: THE NEW CROSSING CASE STUDY (199)	989

STUDY OF IMPROVED FRAMEWORK OF UNINTENDED EFFECTS: FOCUSING ON THE UNINTENDED EFFECTS OF URBAN PLANNING AND POLICIES (214).....	991
SMALL-AREA POPULATION FORECASTING OF SHRINKING CITIES IN SOUTH KOREA: USING SHAP (SHAPLEY ADDITIVE EXPLANATIONS) ALGORITHM (219).....	993
DATA-DRIVEN INSIGHTS FOR EFFECTIVE MUNICIPAL CARBON ABATEMENT (253).....	995
ASSESSMENT OF NET LAND TAKE IN THE LISBON METROPOLITAN AREA – PORTUGAL (261)	Błąd! Nie zdefiniowano zakładek.
COMPARING THE EFFECTIVENESS OF HYBRID NATURE-BASED SOLUTIONS IN DIFFERENT CITIES: A CASE STUDY OF TWO CITY, TAIWAN (268).....	998
A STUDY OF FUNCTIONAL REGENERATION STRATEGIES FOR ULTRA-HIGH-DENSITY CITIES SUPPORTED BY MULTI-SOURCE DATA: THE CASE OF HONG KONG (278).....	1000
IMPORTANCE OF INTEGRATED APPROACH IN URBAN METABOLISM STUDIES, THROUGH A PRISM OF MULTI-FUNCTIONAL LAND-USE (316).....	1001
MEASURING THE SPATIAL DISTRIBUTION OF AGEING COMMUNITIES: A CASE STUDY IN HONG KONG (330).....	1003
STUDY OF CARBON REDUCTION STRATEGIES IN URBAN AREAS - BASE ON THE SYNERGIES AND TRADE-OFFS PERSPECTIVE (348).....	1004
A SYSTEM DYNAMICS APPROACH FOR THE IMPACT OF TRANSIT-ORIENTED-DEVELOPMENT AND COVID-19 ON KAOHSIUNG MASS RAPID TRANSIT RIDERSHIP (375)	1005
INTERACTIVE DATA VISUALIZATION IN CLIMATE ADAPTATION PRACTICE (386).....	1006
DETERMINING SPATIAL DISPARITIES AND LINKS IN HEAT EXPOSURE, GREEN SUPPLY, AND SOCIAL STRUCTURE OF URBAN AREAS - A MULTI-CITY STUDY AT THE DISTRICT LEVEL IN THE RUHR REGION, GERMANY (401).....	1008
ORGANIZATIONAL FUTURE ORIENTATION AS A TOOL FOR NAVIGATING UNCERTAIN FUTURE. CASE STUDY ON A STRATEGIC URBAN DEVELOPMENT PROJECT TRIPLA IN HELSINKI, FINLAND (402)	1010
SOIL MANAGEMENT WITHIN URBAN PLANNING STRATEGIES AND POLICIES IN THE PERSPECTIVE OF AN ECOLOGICAL TRANSITION: THE CASE OF THE MUNICIPALITY OF VENICE (425)	1012
THE APPROACH TO UNCERTAINTY IN CHINA AND ITS IMPACT ON CITY PLANNING (440).....	1014
EXPLORING CLIMATE CHANGE AND URBAN FUTURES THROUGH YOUNG PEOPLE’S PERSPECTIVES: THE GENOA CASE STUDY (ITALY) (442)	1016
THE CROSS-BORDER INNOVATIVE COOPERATION BETWEEN SHANGHAI AND SUZHOU: BASED ON PATENT APPLICATION DATA (447).....	1018
AN ANALYSIS OF URBAN STRUCTURAL CHARACTERISTICS IN THE CENTER FOR POPULATION DENSITY MANAGEMENT: THROUGH A COMPARATIVE ANALYSIS OF THE NATURAL ORIGIN AND THE PLANNING CENTERS (489).....	1021

AN ANALYSIS OF STRESS INDUCED ON DRAINAGE SYSTEM IN MUMBAI (510)	1023
TRANSNATIONAL URBANISM IN PLACE: UNCERTAINTIES, REFLECTIONS AND RESEARCH PERSPECTIVES (519)	1024
PERSPECTIVES ON RIVERFRONT DEVELOPMENT RESEARCH: A BIBLIOMETRIC ASSESSMENT FOR MORE SUSTAINABLE CITIES (544)	1025
A PRIORI TERRITORIAL DESIGN VERSUS A POSTERIORI TERRITORIAL IMPACT. THE EFFECTS OF ECOLOGICAL RESTORATION PROJECTS IN THE VENICE LAGOON (563)	1027
ADDRESSING THE HOUSING SUPPLY ISSUE IN THE GREATER TORONTO AREA (568).....	1029
URBANITY AND “NEW NORMAL” (574).....	1030
IN-BETWEEN STABILITY AND ADAPTABILITY: ENACTING INNOVATION PLATFORMS AS LEGITIMATE ACTORS IN URBAN PLANNING AND DEVELOPMENT (586)	1032
RESPONSIVENESS OF SPATIAL PLANNING ON THE CASE OF URBAN TOURISM IN CENTRAL EUROPE (614)	1034
PLANNING WITH SCENARIO THINKING AS A PRACTICE OF KNOWING (624).....	1036
EUROPEAN AND CHINA'S LOCALIZED ANALYSIS ON RURAL TRANSFORMATION THEORY UNDER THE INSTITUTIONAL CHANGE OF THE MULTIFUNCTIONAL AGRICULTURE REGIME (633)	1038
ENSURING THE SECURITY OF CRITICAL INFRASTRUCTURES (CIS) IN TURBULENT TIMES: THE “PRECINCT” HORIZON 2020 PROJECT (647).....	1039
COMMUNITY PLANNER AS AGENT OF STATE FOR URBAN MICRO-REGENERATION DECISION-MAKING: THE CASE STUDY OF SHANGHAI (653)	1041
A CRITICAL REVIEW OF URBAN SPRAWL INDICATORS IN THE CONTEXT OF METROPOLITAN AREAS (682)	1043
BEYOND ADAPTIVE GOVERNANCE: LEARNING FROM THE SOUTH ON DEALING WITH UNCERTAINTY THROUGH A CONTEXTUALIZED CONTINGENCY PLANNING APPROACH (679)	1045
ANALYSIS OF RESEARCH HOTSPOTS AND TRENDS OF RESILIENT CITIES AT HOME AND ABROAD SINCE THE NEW CENTURY WITH KNOWLEDGE GRAPH (694).....	1047
THE INCLUSIVE URBAN FUTURE? (703).....	1048
DE-GLOBALISE TO GO CIRCULAR? REORIENTING INTERREGIONAL FLOWS TOWARDS CIRCULAR ECONOMY TRANSITIONS (714).....	1052
FROM TRADITIONAL INDUSTRY AREAS TO MIX USE URBAN CHANGE (741)	1053
THE IMPACT OF URBAN STREET CANYON MORPHOLOGY ON THE MICROCLIMATE ENVIRONMENT: THE CASE OF THE THREE REPRESENTATIVE BUSINESS DISTRICTS IN SEOUL, KOREA (746)	1055
OVERCOMING THE CHALLENGES OF MUNICIPAL-LEVEL CLIMATE ACTION: THE CASE OF TURKEY (778)	1059

THE REGENERATION CHALLENGE OF THE SHANGHAI FORMER SOCIALIST RESIDENTIAL AREA FROM THE PERSPECTIVE OF DEMOGRAPHY : A CASE STUDY OF THE RESIDENTIAL AREA IN EASTERN SHANGHAI (779).....	1060
ESTUARIES AND CLIMATE CHANGE: A CONCEPTUAL FRAMEWORK FOR COLLABORATIVE GOVERNANCE OF ESTUARIES (816)	1063
NEGOTIATING THE BROKENNESS: MAINTAINING HOUSING INFRASTRUCTURE IN AKTAU, KAZAKHSTAN (819)	1065
THE INTERACTION BETWEEN URBAN FORM AND ENERGY FOR MITIGATING THE IMPACT OF RISE IN PUBLIC PRICES (844).....	1068
FRAMING THE “SMART & SUSTAINABLE CITY” NEXUS BEYOND POLICY MANTRA: AN OVERVIEW OF TRADE-OFFS (875)	1069
TOWARDS AN ADAPTIVE CITY: HOW ADAPTIVITY CONNECTS PLANNING AND CITIES IN A WORLD OF CHANGE (880)	1071
ECOLOGICAL CO-PLANNING FOR AN AMAZON CITY OF RONDÔNIA (BRAZIL) (894)	1073
UNCERTAINTY VS ADAPTABILITY: A RECONCILIATION LANDSCAPE IN TURBULENT URBAN FUTURES (910)	1075
THE ROLE OF TOWNS IN CHINA’S URBANIZATION FROM THE PERSPECTIVE OF RURAL AND AGRICULTURAL TRANSFORMATION (924)	1076
LAND DEVELOPMENT MODEL AND ECONOMIC AND SOCIAL EQUITY: COMPARISON BETWEEN THE SOUTHERN JIANGSU MODEL AND THE WENZHOU MODEL (935)	1077
BEAUTIFUL CITY: PLANNING FOR TRANSFORMATIONS OF THE URBAN LANDSCAPE (960)	1078
THE EVOLUTION AND REGIONAL DIFFERENCES OF DOMESTIC AND INTERNATIONAL DURAL CIRCULATION DRIVING CHARACTERISTICS OF CHINA'S URBANIZATION DEVELOPMENT - BASED ON THE ANALYSIS OF NEW CLASSICAL ECONOMICS (968)	1079
TOKYO. AN INQUEST INTO A MATURE GLOBAL CITY (971).....	1080
SPATIAL RESILIENCE OF LARGE INDUSTRIAL TOWNS IN CHINA: EVALUATION, CAUSES AND COPING STRATEGIES (999).....	1082
PLANNING SCRUTINY AND TRANSPARENCY IN CONTROVERSIAL URBAN DEVELOPMENT PROJECTS (1004)	1083
PATTERNS AND REUSE PROSPECTS FOR LONG-TERM BROWNFIELD LAND – A CASE STUDY OF GREATER MANCHESTER (1008).....	1085
THE ROLE OF THE ECODISTRICTS IN ENABLING CITIES ACCOUNT FOR TURBULENT URBAN FUTURE (1013)	1087
SOCIAL INNOVATIVE SETTLEMENT PROCESSES FOR LARGE URBAN DEVELOPMENT AREAS IN THE MAKING (1018)	1088

TRACK 12: TERRITORIAL GOVERNANCE AND COHESION 1090

TERRITORIAL GOVERNANCE AND HIERARCHICAL COORDINATION IN SPATIAL PLANNING SYSTEMS: A CROSS-COUNTRY COMPARISON (84).....	1090
EU JUST GREEN TRANSITIONS - BETWEEN TERMINOLOGICAL INEXACTITUDES AND THE EXIGENCY FOR NEW GOVERNANCE MODELS (139).....	1092
SHORT-TERM RENTAL DYNAMICS IN ITALIAN REGIONS. TERRITORIAL GOVERNANCE AS A POSSIBLE APPROACH TO THE ISSUE (142)	1094
TERRITORIAL GOVERNANCE IN MARGINAL AREAS: LEARNING FROM AN INTEGRATED PROJECT FOR LANDSCAPE REGENERATION AND PLACE-BASED DEVELOPMENT IN SOUTHERN SALENTO (163)	1096
ECONOMIC POLICIES AND SPATIAL PLANNING: THE CASE STUDY OF THE SPECIAL ECONOMIC ZONE (165)	1098
PLANNING FOR SHORT-TERM RENTALS IN A POST-COVID ENVIRONMENT: LESSONS FROM AUSTRALIA (170)	1100
IS SOCIAL INNOVATION A TERRITORIAL PHENOMENA? A METHODOLOGICAL FRAMEWORK ATTEMPT LOOKING AT TWO ITALIAN LOCAL ECOSYSTEMS (181).....	1101
SYDNEY'S POLYCENTRIC RESTRUCTURING AS THE OUTCOME OF MULTI-GOVERNANCE RESCALING (217)	1104
THE TALE OF TWO REGIONS: PLANNING FOR RESILIENCE IN FINNISH REGIONAL PLANNING, DOES PLANNING CULTURE MATTER? (294).....	1106
CO-PRODUCTION AND THE SPATIAL GOVERNANCE AND PLANNING SYSTEMS IN EUROPE. TOWARDS A TAXONOMY (318).....	1108
CAN LOCAL DEVELOPMENT ACTIONS BE TRANSFORMATIVE AND CONTRIBUTE TO SPATIALLY JUST DEVELOPMENT? (366).....	1110
THE DIFFERENTIAL ENGAGEMENT OF METROPOLITAN AREAS WITH(IN) THE EU COHESION POLICY (377)	1112
REVISING ROMANIAN PLANNING LAW: HOW LOCAL AUTHORITIES' PLACE SHIFTS IN THE PLANNING SYSTEM IN TIMES OF UNCERTAIN FUTURES (393).....	1114
SPATIAL PLANNING AND LOCAL AUTHORITIES' ROLE IN TERRITORIAL GOVERNANCE: ANALYSING METROPOLITAN DEVELOPMENT IN ROMANIA (394).....	1115
SPATIAL PLANNING UNDER THE EU COHESION POLICY 2021-27: CHANGING IMAGINARIES AND NEW CHALLENGES FOR THE EUROPEAN CITIES (409).....	1116
BEYOND SOCIAL INNOVATION: QUESTIONS AND REFLECTIONS FOR IMPROVING THE HEALTH OF DEMOCRATIC INSTITUTIONS THROUGH URBAN PLANNING (428).....	1117
PLACE IN PLACE-BASED APPROACHES: A FRAMEWORK FOR ANALYSING INTEGRATION, AGENCY OF PLACE, ACTORS AND INSTITUTIONS (472)	1119

URBAN INNOVATION ECOSYSTEM: ACTORS, RELATIONS AND POLICIES. INSIGHTS FROM POLAND (476)	1121
DESIGNING SPATIAL CULTURE WITH NARRATIVES IN MEDIUM-SIZED TOWNS (508)	1122
“ECOPOLIS” AS A SPATIAL MODEL AND THE “AREA ECOPOLITANA” AS A POSSIBLE INSTITUTION TOWARDS THE TERRITORIAL ECOLOGICAL TRANSITION (528)	1123
A NAVIGATING MEGA-REGIONALIZATION: A CONCEPTUAL FRAMEWORK TO UNDERSTAND THE CONFLICTS FACED BY REGIONAL SECONDARY CITIES IN CHINA (529)	1125
THE ROLE OF THE LOCAL ACTION GROUP (LAG): INNOVATION IN TERRITORIAL GOVERNANCE IN EUROPE? (534)	1127
PUBLIC SPACE AS AN URBAN POLICY AGENDA? POLICIES, FUNDING AND SOFT PLANNING IN LISBON METROPOLITAN AREA (560)	1130
RESEARCH ON THE URBAN PLANNING AND DECISION-MAKING PROCESS OF CHINESE LOCAL GOVERNMENT: TAKE THE GUANGZHOU PLANNING COMMISSION AS AN EXAMPLE (576)	1132
THE PLACE-BASED APPROACH IN LOCAL TERRITORIAL DEVELOPMENT: A DECLINATION IN ONE OF THE ITALIAN “INNER AREAS” (592)	1133
A DELIBERATIVE EXPERIMENT IN LOCAL DEMOCRACY - A CASE STUDY OF WALBRZYCH (POLAND) (597)	1135
INTERNATIONAL BUILDING EXHIBITIONS AS A FRAMEWORK FOR EXPERIMENTS: EXPERIENCES FROM THE IBA STADTLAND THURINGA (618)	1136
PROXIMITY BIAS AND EFFECTIVE GOVERNANCE (692)	1138
THE RENAISSANCE OF ITALIAN METROPOLITAN CITIES? INTEGRATED URBAN PLANS A TOOL TO STRENGTHEN METROPOLITAN CITIES’ GOVERNANCE (701)	1139
GOVERNANCE CHALLENGES IN IMPROVING MARITIME TRANSPORT SYSTEM CONNECTIVITY IN THE GLOBAL SOUTH (CASE STUDY: INDONESIA) (729)	1141
NATIONAL URBAN AGENDAS AS POLICY INSTRUMENTS: A COMPARATIVE ANALYSIS (734)	1143
CONSERVATION AND DEVELOPMENT OF HISTORIC AND CULTURAL HERITAGE IN WUHAN FROM A REGIONAL PERSPECTIVE: TAKING THE "STRUCTURE-FUNCTION THEORY" AS ANALYTICAL FRAMEWORK (841)	1145
SMART SPECIALIZATION STRATEGIES AND SLOVAK REGIONS: MISSING LINKS AND PATHWAYS FOR REGIONAL INNOVATION (869)	1147
FROM HEALTHY CITIES TO TERRITORIES OF WELLBEING: TRANSFORMING SECOND TIER PORT CITIES ALONG THE RHINE (878)	1148
PROJECT-ORIENTED PLANNING FOR A MULTI-LEVEL GOVERNANCE: THE METROPOLITAN AGENDA FOR SUSTAINABLE DEVELOPMENT (899)	1150

STRATEGIES TO DELIVER URBAN SERVICES UNDER THE SUSPENSION OF PLANNING LAWS: LEARNING FROM LOCAL PRACTICES IN THE CONTEXT OF LEBANON (907).....	1152
INTEGRATED TERRITORIAL GOVERNANCE IN RURAL AREA: BASED ON THE PRACTICE OF PLANNING UNIT ADJUSTMENT IN SICHUAN PROVINCE, CHINA (915)	1154
THE IMPACTS OF GREEN-TECH COMPANIES IN SUSTAINABLE TERRITORIAL DEVELOPMENT (916)	1155
EU REGIONAL POLICY AND COUNTRIES IN THE EDGE OF EU-ACCESSION – THE CASE OF ALBANIA’S PATH TOWARDS REGIONAL DEVELOPMENT (959)	1157
THE THIRD SECTOR AS A NEW URBAN ACTOR IN THE TERRITORIES OF FUNCTIONAL INEQUALITIES (976)	1159
THE SOCIAL PERFORMANCE OF NATURE IN THREE BRAZILIAN CITIES: TERRITORIAL SYSTEMS AND SOCIAL INNOVATION IN THE HISTORICAL PROCESS OF VISUALIZING AND IMAGINING NATURAL PLACES (1047)	1161
TRACK 13: A MULTIVERSE OF PLANNING THEORIES	1162
KNOWLEDGE IN ISRAELI URBAN PLANNING (78)	1162
WHY DON’T LEGAL THEORIES INFORM PLANNING THEORIES MORE OFTEN? (103).....	1164
CHALLENGES, AMBIGUITIES, AND CHECKMATES FOR PLANNING THEORIES (AND PRACTICE) (118).....	1165
NON-PARTISAN ACTIVIST PLANNING (134)	1167
NAILING JELLY: WHAT PLANNERS DO AND WHERE POWER LIES AS REVEALED THROUGH MEETING ETHNOGRAPHY (136)	1168
NUMBERS AND SCALES: A STUDY OF THE INNER LAW OR THEORY OF ANCIENT AND CONTEMPORARY CHINESE SPATIAL PLANNING (146)	1170
THE SOCIAL CONSTRUCTION OF ACTORS IN SPATIAL PLANNING: INSIGHTS FROM ORGANISATION THEORY (148)	1171
A THEORETICAL-METHODOLOGICAL FRAMEWORK FOR THE ANALYSIS OF THE ENVIRONMENTAL PLANNING PROCESS IN SÃO PAULO, BRAZIL (155)	1173
THE UNEASY MARRIAGE BETWEEN URBAN BEAUTY AND PLANNING: THE CONCEPTUAL MISUNDERSTANDINGS THREATENING THIS RELATIONSHIP (230)	1175
INDIVIDUALS MATTER! BUT HOW? – ANALYSING THE IMPORTANCE OF KEY INDIVIDUALS FOR PLANNING PROCESSES (256)	1177
APPLYING BEHAVIOURAL THEORY TO THE ENVIRONMENT-PLANNING INTERFACE (280)	1179
PLANNING, POLICY AND SUSTAINABILITY TRANSFORMATION – NEW INSIGHTS FROM THE MULTIPLE-STREAMS-FRAMEWORK? (339)	1182
IDEA AND PLANNING THEORY (352)	1183

BEYOND THE RHETORIC: PLANNING THEORY IN THE AGE OF TECHNOLOGY (399).....	1184
EMOTIONS IN PLANNING: TOWARDS AN EMOTIONAL RATIONALITY? (414).....	1186
POETIC PLANNING: CREATIVE LANGUAGE AND CHANGE IN SPATIAL PLANNING (466).....	1188
CONCEPTUALIZING THE ROLE OF THE PLANNER IN CO-PRODUCTIVE PLANNING PROCESS (467).....	1189
SCHRÖDINGER'S CAT SCHOOL ENGAGING THE YOUNGEST IN IMAGINING AND TRANSFORMING THE PUBLIC SPACE FOR A MORE INCLUSIVE AND PARTICIPATORY URBAN REGENERATION (487).....	1191
'CONSENSUS' AS A TOOL OF FORECLOSURE: HONG KONG'S LAND SUPPLY CONSULTATION (490)	1194
INTEGRATION IN SPATIAL PLANNING THEORIES: THE QUESTION (506).....	1196
POSSIBILITY DESIGN. RECONSIDERING AIMS, SCOPE AND NATURE OF SPATIAL PLANNING INTERVENTION (540)	1199
DISTINGUISHING "PLANNING" FROM THE "PLAN". THEORETICAL AND PRACTICAL IMPLICATIONS OF TAKING URBAN COMPLEXITY AND UNCERTAINTY SERIOUSLY (541).....	1201
LET'S THINK AGONISTIC THEORY FURTHER! CONCEPTUAL AND EMPIRICAL INSIGHTS INTO THE ANALYSIS OF CONFLICTS RELATED TO THE MOBILITY TRANSITION (608).....	1202
FLAT ONTOLOGY AND THE CONTEMPORARY HERITAGE OF MODERN SPATIAL PLANNING (610)	1204
COLLECTIVE WILL IN PLANNING STEMMING FROM CONFRONTATION AND POLARIZATION – DESIRABLE OR FRIGHTENING? (641)	1205
HEALTHY, JUST AND SUSTAINABLE CITY: A THEORETICAL FRAMEWORK FOR A SMALL-SCALE URBAN HEALTH MONITORING CONCEPT (685).....	1206
THE UNNOTICED RETURN OF RATIONALIST PLANNING PARADIGMS IN AN AGE OF DIGITALISATION (709)	1208
THINKING (AND) PLANNING WITH HANNAH ARENDT (856).....	1210
POLYRATIONALITY IN A TURBULENT WORLD: DIRECTIONS AND OPPORTUNITIES FOR NAVIGATING THE MULTIVERSE OF PLANNING THEORIES (862)	1212
SEEKING FOR PLANETARY PREMISES OF PLANNING THEORY (877).....	1214
THE AESTHETICS OF PLANNING IN THE AGE OF FINANCIALIZATION (888).....	1215
INSURGENT PLANNING ETHICS AND INSTITUTIONAL CHANGE (934).....	1217
CREATING FUTURES AND NEW RELATIONS: TOOLS FOR KEEPING THE FUTURE ABUNDANT (951).....	1218
RESISTANCE, CULTURE AND COMMUNITY. REVISITING RAYMOND WILLIAMS' VOCABULARY IN WALES, 40 YEARS ON (985).....	1219
PLANNING AND OTHER URBAN DEVELOPMENT METHODS (1009).....	1221

TRACK 14: CEE PLANNING DOCTRINES AND PRACTICES 1224

PERI-URBAN LANDSCAPE: A FORGOTTEN OR EMERGING TERRITORY OF THE PLANNING SYSTEM? (355)	1224
PLACEMAKING AND DEMOCRACY. ADAPTING THE <i>PLACEMAKING</i> APPROACH IN THE REGENERATION OF PUBLIC SPACES IN BULGARIA. THE CASE OF PLOVDIV, BULGARIA (361)	1226
30 YEARS OF TRANSITIONS - WHAT HAS CHANGED IN THE ALBANIAN PLANNING SYSTEM SINCE THE FALL OF THE DICTATORIAL REGIME? (497)	1228
DEBUNKING THE LATEST TRANSFORMATIONS IN UKRAINIAN SPATIAL PLANNING: IS FORMALIZING INTEGRATED URBAN DEVELOPMENT SUFFICIENT? (550)	1229
MANAGING SUBURBANIZATION IN POST-SOCIALIST COUNTRIES. A NEW PLANNING INSTRUMENT FOR ROMANIAN METROPOLITAN AREAS (677)	1231
CENTRAL EUROPEAN PLANNING CULTURE IN 21ST CENTURY: MODEL, METHODOLOGY AND CHALLENGES (884)	1233
THE CASE STUDY OF THE CITY OF ZIELONA GÓRA IN THE CONTEXT OF URBAN PLANNING PRACTICES (963)	1234
TRACK 15: ENVIRONMENTALISM: CLIMATE CRISIS AND GREEN DEAL	1235
ASSESSING URBAN FOREST GOVERNANCE CAPACITY IN PERI-URBAN WOODLANDS: A COMPARATIVE STUDY (49)	1235
HOW TO ACHIEVE JUST TRANSITION FROM A PERSPECTIVE OF ACTOR-CENTRED INSTITUTIONALISM: A CASE STUDY OF OFFSHORE WIND POWER DEVELOPMENT IN TAIWAN (80)	1238
POSSIBILITIES OF ENERGY EFFICIENCY IN INDIAN HIGH RISE BUILDINGS: AN ARCHITECT'S APPROACH (82)	1239
EXAMINING THE EXTERNALITIES OF HIGHWAY CAPACITY EXPANSIONS IN CALIFORNIA: AN ANALYSIS OF LAND USE AND LAND COVER (LULC) AND URBAN HEAT ISLAND (UHI) EFFECT USING REMOTE SENSING TECHNOLOGY (113)	1240
THE ENERGY-ECOLOGY NETWORK FOR THE RHINE BASIN: TOWARDS A SYMBIOTIC RELATIONSHIP BETWEEN ENERGY PRODUCTION AND BIODIVERSITY (166)	1241
PLANNING FOR (AND AGAINST) CLIMATE JUSTICE IN THE TEL AVIV METROPOLITAN REGION (259)	1244
TOWARDS A RESILIENT DROUGHT MANAGEMENT SYSTEM (304)	1246
NEW ZEALAND'S FIRST EMISSIONS REDUCTION PLAN: A MISSED OPPORTUNITY (310)	1247
USING RENEWABLE ENERGY IN PUBLIC TRANSPORT: A GLOBAL REVIEW FROM THE DEMAND AND SUPPLY SIDES (328)	1248
DISTURBED RURALITIES IN THE POST-CARBON ERA: A CASE STUDY OF THE AQUACULTURE-BASED VILLAGES UNDER THE AQUAVOLTAICS POLICY IN TAINAN, TAIWAN (350)	1250
THE USE OF NSATS IN MENA REGION; A COMPARATIVE REVIEW (359)	1251

A JUST TRANSITION FOR WHOM? ANALYZING TERRITORIAL JUST TRANSITION PLANS (438)	1252
THE TRANSACTION COSTS OF SUSTAINABLE DEVELOPMENT (443)	1254
URBAN SOCIO-ECOLOGICAL TRANSITIONS: CUI PRODEST? SITUATED NARRATIONS FROM A SICILIAN EX- PETROCHEMICAL TOWN (444)	1255
(UN)JUST TRANSITIONS: UNPACKING PARTICIPATORY PROCESSES THROUGH AN INTERSECTIONAL LENS (468)	1257
ENERGY PLANNING AS A FUNDAMENTAL COMPONENT OF TODAY'S URBAN PLANNING AGENDA: WHAT LESSONS CAN THE STATE OF ILLINOIS LEARN FROM EUROPEAN POLICIES? (471).....	1259
ENERGY COMMUNITIES AS A LEVER FOR TRANSITION. A SURVEY IN THE CITIES OF EMILIA-ROMAGNA (ITALY) (587)	1261
ECOSYSTEM SERVICES-BASED INTEGRATED APPROACH FOR WATERSHED PROTECTION PLANS (600) .	1263
ARE IBA/IBTA SUCCESSFUL INSTRUMENTS FOR REGENERATING MINING REGIONS SUSTAINABLY? (607)	1265
STUDY ON THE ACTIVE TRAVEL ROUTE PLANNING FOR AVOIDING OUTDOOR AIR POLLUTION EXPOSURE (626)	1266
MODELLING AN ENERGY SCENARIO REGIONALLY: THE DIGITAL TOOLBOX FOR TRANSITION (627).....	1267
PLANNING FOR RESIDUAL WASTE IN A CIRCULAR ECONOMY: BARRIERS AND OPPORTUNITIES (631) .	1269
EXPLORING LOCAL SPATIAL ORGANIZATION OF OFFSHORE WIND ENERGY AND COASTAL FISHERY: INSIGHTS FOR JUSTICE FROM CHANGHUA, TAIWAN (637)	1271
GREEN ENERGY RESOURCES AND OPPORTUNITIES IN AZERBAIJAN (767)	1273
BIODIVERSITY AND SPATIAL PLANNING: PASSING THE WORD ACROSS SCALES AND SECTORS (785)....	1275
ANALYSIS OF LANDSCAPE CHANGE CAUSED BY NOVEL RENEWABLE ENERGY SOURCE: AGRIVOLTAICS (809).....	1276
BLUE—GREEN INFRASTRUCTURE: AN OPPORTUNITY FOR SUSTAINABLE INDIA (824)	1279
RECLAIMING URBAN NATURES – THE RESTOR(Y)ATION OF THE LA RIVER AND THE EMSCHER IN THE RUHR VALLEY (867)	1280
RIVER CORRIDORS AND REHABILITATION PRACTICES IN MULTI-LAYERED CULTURAL LANDSCAPES: BERGAMA SELINOS RIVER REHABILITATION PROJECT (868).....	1281
MEASUREMENT OF CARBON EMISSION AND SPATIAL OPTIMIZATION STRATEGIES IN THE METROPOLITAN RURAL AREAS: THE CASE OF SHANGHAI (889).....	1282
ASSESSING RISK AND ENHANCING RESILIENCE IN DATA-SCARCE URBAN CONTEXTS: CASE STUDIES FROM SOMALIA (920)	1283

A CONTEMPORARY APPROACH TO GREEN CITY PLANNING: ANKARA GREEN CITY ACTION PLAN EXPERIENCE (921).....	1286
SOLAR ENERGY EXPANSION IN PORTUGAL: A RECENT TREND IMPACTING FARMING AND FORESTRY (972)	1289
DISTRIBUTED ENERGY GENERATION AND URBAN PLANNING: EVIDENCE FROM POLAND AND ARGENTINA (987)	1291

TRACK 16: TERRITORIES UNDER PRESSURE: GEOPOLITICS AND PLANNING..... 1295

IS RURAL SEDUCTIVE OR THREATENING? TOWARD A RE-FRAMING OF THE “RURAL MYTHOLOGY” IN TWO NORTHERN ITALY TERRITORIES HIGHLY SPECIALISED IN AGRICULTURAL PRODUCTION (260)	1295
SPATIAL MOBILITY OF THE INHABITANTS OF THE COUNTRIES OF NATO'S EASTERN FLANK IN THE EVENT OF A MILITARY CONFLICT ON THEIR TERRITORY (337)	1297
THE ROLE OF MENTAL STRUCTURES ON IRAN DEVELOPMENT PROGRAM REALISATION (579)	1299
THE EVOLUTION OF COLLECTIVE HOUSING UNDER LARGE-SCALE URBAN PLANNING FROM EUROPE TO SHANGHAI IN MODERN HISTORY (802)	1300
REFLECTIONS ON THE INTERNATIONAL ARCHITECTS’ PRACTICE IN SHANGHAI’S URBAN TRANSFORMATION (818)	1302

TRACK 17: PLANNING FOR POST-PANDEMIC WORLD 1304

SPIRITUALITY: A BOND IN POST-PANDEMIC WORLD (61).....	1304
HEALTHY CITIES: THE VISION OF THE WORLD HEALTH ORGANIZATION, THE ROLE AND EXAMPLES OF URBAN PLANNING AND MONITORING INDICATORS (109).....	1305
ARE WE MOVING ONLINE? AN ANALYSIS OF COVID-19 IMPACTS ON E-SHOPPING AND WORK FROM HOME (WFH) AND ITS CONSEQUENCES FOR URBAN PLANNING (120).....	1309
SOCIO-INSTITUTIONAL RESPONSE TO THE PANDEMIC CONTEXT: TRENDS IN THE ORGANISATION, MISSION AND TARGET GROUPS AND TERRITORIES OF INFLUENCE (121)	1311
PLANNING FOR SHORT-TERM RENTALS IN A POST-COVID ENVIRONMENT: LESSONS FROM AUSTRALIA (170)	1313
HOW DID THE COVID-19 PANDEMIC IMPACT URBAN COMMERCIAL CENTERS? A MULTI-STAGE ASSESSMENT OF SHANGHAI'S COMMERCIAL CENTERS (216)	1314
DIFFERENCES IN PANDEMIC EXPERIENCE ACCORDING TO HOUSING CONDITIONS: PEOPLE WHO LIVE IN HOUSE OR HOME (225).....	1317
DOES NEIGHBOURHOOD ENVIRONMENT MATTER FOR PEOPLE-CENTRIC STREET TRANSITION? AN ASSOCIATIONAL STUDY OF GLOBAL PANDEMIC-INDUCED STREET EXPERIMENTS (270).....	1319
POST-EPIDEMIC ARA COMMUNITY MICRO-REGENERATION OF ACTIVE HEALTH INTERVENTION: A CASE STUDY OF TONGDA COMMUNITY IN WUHAN, CHINA (276)	1323

THE OVERLOOKED: IMPACTS OF COVID-19 MEASURES ON THE LIVELIHOODS, MOBILITY AND ACCESSIBILITY OF MARGINALISED GROUPS (296)	1325
AMPLIFYING WEAK SIGNALS IN CLIMATE- RESILIENT URBAN PLANNING (331).....	1327
ATTEMPTING RURAL REGENERATION IN BORDERLINE SETTLEMENTS OF POGONI AFTER COVID-19 (335)	1329
THE RELATIONSHIP BETWEEN NATURAL RESOURCES AND CHILDREN'S INTERACTION WITH NATURE IN EXPERIMENTAL PRIMARY SCHOOLS: A STUDY ON ENVIRONMENTAL SETTINGS AND CURRICULUM IN TAIWAN'S EXPERIMENTAL PRIMARY SCHOOLS (406).....	1331
COMMUNITY-BASED SOCIAL CAPITAL AND ECONOMIC RESILIENCE OF SMES IN IRAN: THE ROLE OF SOCIO-ECONOMIC AND BUILT-ENVIRONMENT CHARACTERISTICS OF THE NEIGHBOURHOODS (434)	1332
PLANNING THE 15 MIN CITY-THE CASE OF CHANIA (480)	1334
CHANGES IN URBAN SPATIAL STRUCTURE CENTRALITY AFTER COVID-19 PANDEMIC IN SEOUL, SOUTH KOREA (500)	1335
POST COVID19 TOPIOGRAPHY: EVALUATION OF A NEW DYNAMIC MODEL OF CITY OPERATION (588)	1336
GREEN HEALTHY MATERIAL FOR HERITAGE-RICH URBAN DISTRICTS: A THEORETICAL FRAMEWORK FOR POSTPANDEMIC WORLD (678).....	1338
RESIDENTIAL DISSONANCE OF TELEWORKERS, ITS IMPLICATIONS ON RELOCATION AND IMPACTS ON URBAN SPRAWL IN A POST-COVID WORLD (684).....	1340
ASKLEPIA REVISITED: LESSONS FROM THE ANCIENT GREEKS' HEALING ENVIRONMENTS AND IMPLICATIONS FOR THE PLANNING OF SALUTOGENIC CITIES AND PLACES (695).....	1342
HOW DO DENSITY, EMPLOYMENT AND TRANSIT AFFECT THE PREVALENCE OF COVID-19 PANDEMIC? A STUDY OF 3,141 COUNTIES ACROSS THE UNITED STATES (726).....	1343
ERASE AND REWIND: RETROSPECTIVE ON THE IDEAL NEIGHBORHOOD MODELS FROM THE LAST CENTURY TILL PRESENT (730).....	1346
ANALYSING URBAN VULNERABILITY THROUGH URBAN MORPHOLOGY IN ESENKENT AND GÜLSUYU NEIGHBOURHOODS IN ISTANBUL DURING THE COVID-19 PANDEMIC (737).....	1348
MANAGING THE PANDEMIC CRISIS IN URBAN PLANNING: EXAMINING CONFLICTS, POWER IMBALANCES, AND URBAN ACTOR'S NEEDS (821).....	1349
WHAT CAN MUNICIPALITIES DO IN SHAPING THE URBAN FOOD SYSTEM: CASE OF ISTANBUL (831) ...	1351
EXAMINING THE IMPACT OF THE COVID-19 PANDEMIC ON THE SPATIAL DISTRIBUTION OF CATERING PLACES: A CASE STUDY IN TANGSHAN, CHINA (860)	1352
GREEN SPACES AS STRATEGY FOR INCLUSIVE URBAN REGENERATION (887)	1353
DIFFICULTIES, MECHANISM AND DEVELOPMENT STRATEGIES OF URBANIZATION IN INTERPROVINCIAL AREA: CASE STUDY IN HUANG-HUAI REGION OF CHINA (891).....	1354

LEVERAGING SPATIAL CAPITAL FOR PANDEMIC-PROOF LIVING ENVIRONMENTS (973)..... 1356

TOWARDS THE 'DRAINAGE CITY': ACTIONS AND TOOLS FOR SOIL DE-IMPERMEABILISATION (381)

Ruben Baiocco¹, Emanuele Garda^{2*}

¹Università degli studi di Milano, Italy

²University of Bergamo, Italy; *emanuele.garda@unibg.it

The epistemology of risk (articulated in hazard, vulnerability, and exposure) has reached such maturity in scientific terms, in its widespread perception and, though not entirely, in the national public discourse, that it demands an extensive and taxonomic study of the techniques and tools relating to the 'water cycle' of contemporary cities and territories. It is precisely in the relationship with water that the city project intervenes, at different scales, with greater success on the different vulnerabilities of different contexts induced by climate change. And if one can act on water (the tradition is thousands of years old), one cannot act on winds, which are also subject to great changes, as Gilles Clément recently reminded us. The 'drainage city' investigates and re-designs precisely the relationship between the built environment resulting from the relationship between impermeable/permeable/renaturalised soil and the water cycle, triggering some effects and limiting others that reconfigure the overall performance of the whole living environment. The research needs a comparison with the advancement of the issue in the national and international context: today field of studies, experiences, practices, and standards that can be traced back to the so-called Adaptive Planning and Urban Design. In relation to this, the main objective of the paper is to recognize from general to specific usefulness and field of application (with particular attention to different scales and urban and territorial geographies) of the so-called de-sealing techniques, meaning by this, the various forms of subtraction of built spaces that imply the de-impermeabilisation of the soil (literally "to unseal"), including among these also those more specific to "sustainable urban drainage systems". The methodology will therefore consist of a comparative analysis that will imply the identification and systematization of "techniques" and "fields of application"; firstly, starting from the reconstruction of a registry deduced from a disciplinary literature with no national boundaries, and subsequently, with a specific investigation in the Italian context of state of the art. Therefore, the investigation will tend to move on three levels aimed at constructing the properly operational tool such as the Synoptic Framework of Techniques, Fields of Application, and Standards. The first level will concern the multiplicity/variety of aspects and specific conditions recognizable in the sources considered (objectives, outcomes, geographies, scales, supporting financial sources, etc.); the second, the possible correlations with the tools of government/land management; the third, a comparison between the two previous levels in the national and international field.

Keywords: Soil sealing, De-sealing, Sustainable urban drainage system, adaptive planning and urban design, regional and urban planning

References:

Carraro M., Pesce M., Scarpa A. (2009), Valutazione di Compatibilità idraulica - Linee Guida <https://www.acquisisorgive.it/wp-content/uploads/2013/10/Linee-guida-Commissario-rev021.pdf>

City of Portland (2016), Stormwater Management Manual, Portland Oregon. <https://www.portlandoregon.gov/bes/64040?>

Grant G. (2016), The Water Sensitive City, London: Wiley Blackwell

Hoyer J., Dickhaut W., Kronawitter L., Weber B. (2011), Water Sensitive Urban Design: Principles and Inspiration for Sustainable Stormwater Management in the City of the Future, Jovis Verlag, Berlin.

Kloster T., Clark W. (2002), Green Streets: Innovative Solutions for Stormwater and Stream Crossings, Portland, OR: Metro Regional Services.

Tobias S., Conen F., Duss A., Wenzel L., Buser C., Alewell C. (2018), «Soil sealing and unsealing: State of the art and examples». Land Degrad, 29: 2015-2024.