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PLANNING FOR TRANSITION

Book of Papers

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AESOP



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Planning for Transition

Contemporary cities and territories face significant challenges – natural disasters due to climate change impacts, ecological crises, growing socio-economic unrest, global migration, political rifts including a rise of right wing factions, ambitious public works and mega-projects – all of which require new capacities in dealing with such individual and multiple groupings of such challenging and profound changes.

It is a matter of fact that at international level a discourse if not a condition of transition is pervading sectors and societies. This discourse points to alternative patterns and solutions to many of the challenges faced. A quickly changing scenario requires forms of planning, both locally and globally, which bear the capacity to support and manage mutable urban and environmental conditions. In fact, although cities do incessantly change, policy-makers and institutions are never fully prepared to respond to complex and risky situations, as well as relying on planning and policy tools which are often outdated; in addition, also existing theoretical frameworks, concepts, cognitive abilities and approaches become ineffective or outmoded.

Each unintended or unanticipated change comes as a break to existing social, political, and administrative routines and yet it may be anticipated that mechanisms of collective reflection and action will be generated. The congress invites scholars and practitioners to present and discuss case-studies of cities and projects that have engaged in meeting challenging situations – supporting transitions in urban contexts.

Specifically, it is aimed at offering an understanding of the forms of knowledge, concepts, tools, and skills needed to plan and address transition. Furthermore, it seeks to explore whether (and how) managing such changes has brought any overall reconsideration of the city design model and towards more general institutional reconfigurations.

The book collects all the papers presented at the Aesop Venice 2019 conference. It is articulated in chapters that correspond to the tracks (16) and special sessions proposed (23).

Tracks

1. Transforming built heritage and landscapes
2. Urban design for multilevel planning
3. Teaching planning for the transition
4. Institutional change and regional transition
5. Methods and technologies for transformative planning
6. Community-based planning and social innovation
7. Theorizing urban change: complexity and ethics
8. Transition paths and urban futures
9. Climate proof cities and resilient societies
10. Urban metabolism and circular economy
11. Housing, gentrification and socio-spatial dynamics
12. Food, planning and healthy cities
13. Planning for accessibility and sustainable mobility
14. Planning, Law and Property Right: facing urban transitions
15. Tourism, spaces and urban cultures
16. Urban and Regional economics for transition

Special Session

1. Transition Histories
2. Urban Tourism, Neighborhood Change and Social Conflicts
3. Innovative Agriculture for Healthy Cities
4. Towards Post-Growth Planning Theory and Practice
5. Planning and Designing Green Infrastructures
6. Land Development and Management in Post-Socialist Countries
7. Home Sharing. Short-Term Rentals Affecting Local Housing Markets
8. Dynamic Change, Uncertainty and Planning for Adaptivity
9. Space, Citizenship and Identity: The Eu-Mena Region
10. The Role of The Local in Improving Cohesion and Spatial Justice
11. Friendly Spaces and Mobility for Ageing
12. Emerging Spatialities and Eu Policy Instruments: Cases and Perspectives
13. Facing Migrants Exclusionary Urban Policies
14. Learning Loops in The Public Realm. Enabling Social Learning in Communities to Tackle the Challenges of Cities in Transition
15. Planning and Biodiversity
16. Acsp-Aesop Special Session: Morsels of Hope: Migration and Urban Planning
17. Spatial Tensions: Urban Microgeographies for Changing Cities
18. Affordable Housing in Developing Countries: a Comparative Perspective
19. Acsp-Aesop Special Session: Learning from Arnstein's Ladder: from Citizen Participation to Public Engagement
20. Smart Cities and Regions Informing the Energy Transition
21. Maritime Spatial Planning (MSP) In Europe: Challenges in Transition
22. Shrinking Cities and Sustainability
23. Regional Design: Impacts on Territorial Governance and Planning Practice



PA 02 Transforming built heritage and landscapes

INFLUENCE OF CREATIVE ACTIVITIES ON THE RESIDENTS AND CONSERVATION OF CULTURE, HISTORY, AND LANDSCAPE IN SETOUCHI ISLANDS, JAPAN Asai Yuka, Miyake Saki, Abe Hirokazu, Otsuka Noriko	2
INVISIBLE PROJECTS: IMAGINED NEARNESS AS A TOOL TO EXPLORE LONG-TERM TRANSITIONS OF LANDSCAPE/HERITAGE. THE CASE OF THE RIVER TIBER IN ROME Avellini Elisa	12
ASSESSING THE TRANSITION FROM TRADITIONAL TO PARTICIPATORY HERITAGE MANAGEMENT IN TURKEY Aydin Gizem, Bleil de Souza Clarice, Cerutti Federico	21
TRANSITIONS TOWARDS LANDSCAPE-AND HERITAGE-CENTRED LOCAL DEVELOPMENT: A MULTI-LEVEL PERSPECTIVE Barbanente Angela, Grassini Laura	35
THE SLOW LINE AS AN OPPORTUNITY TO REGENERATE HERITAGE IN THE FRAGILE AREAS: THE CASE OF THE VENTO PROJECT Dezio Catherine, Giambruno Maria Cristina, Oppio Alessandra, Pileri Paolo	49
RESEARCH ON THE RENEWAL STRATEGY OF NEW AND OLD INTERSECTION COMMUNITIES IN METROPOLIS BASED ON THE CONCEPT OF LANDSCAPE URBANISM - TAKING A PRACTICE IN SHANGHAI TIANLIN COMMUNITY AS AN EXAMPLE Hu Shufen	62
TOWARDS A HISTORICAL URBAN LANDSCAPE: PRINCIPLES AND APPROACHES IN RECENT BUILT HERITAGE AND LANDSCAPE REGENERATION PROJECTS IN THE YORKSHIRE REGION OF ENGLAND Huang Yong, Ren Xiang	75
UMBRELLAS, INCUBATORS, MOTHERS AND KILLERS: FOUR TYPOLOGIES OF RELATIONSHIP BETWEEN CULTURAL MEGA-EVENTS AND SMALL AND MICRO EVENTS IN HERITAGE-RICH EUROPEAN CITIES Jones Zachary, Ponzini Davide	85
REFLECTIONS ON INDIVIDUAL MEMORY IN THE TRANSFORMATION OF CULTURAL HERITAGE COGNITIVE CONTEXT Li Cong, Li Jiaying	95
EMERGING NEW MODEL OF URBAN RESIDENTIAL HISTORICAL BUILT-UP AREA RENEWAL IN CHINA: FIVE PRACTICE OF URBAN RENEWAL IN SHENZHEN, GUANGZHOU AND SHANGHAI Long Jiayu, Gang Liu	119
PARADOXES OF THE ITALIAN HISTORIC CENTRES BETWEEN UNDERUTILISATION AND PLANNING POLICIES FOR SUSTAINABILITY Pellegrini Paola, Micelli Ezio	132
ALPINE INDUSTRIAL LANDSCAPES IN TRANSITION. TOWARDS A TRANSFERABLE STRATEGY FOR BROWNFIELD TRANSFORMATION IN MOUNTAIN REGIONS. Modica Marcello, Weilacher Udo	147
BUILT HERITAGE AND LANDSCAPE ROLE IN THE ROME METROPOLITAN PLAN Nucci Lucia	166
THE PRODUCTION OF HERITAGE Pace Michela, Chandler Alan	172
DEVELOPING TRANSFORMATION STRATEGIES FOR ALPINE INDUSTRIAL LANDSCAPES SHOWN BY THE STYRIAN IRON ROUTE IN AUSTRIA Pechhacker Julia, Forster Julia	182
LET'S TALK ABOUT CHANGE - EXPERIENCES FROM A VIDEO EXHIBITION CONFRONTING THE PUBLIC WITH URBAN AND LANDSCAPE TRANSITION BY REVISITING THE ORIGINAL SITES OF RELOCATED HISTORICAL MUSEUMS BUILDINGS TO VIEW THESE SITES IN THEIR CURRENT STATE Schretzenmayr Martina, Casaulta-Meyer Simona	196



Table of Contents

THE INFLUENCES AND IMPLICATIONS OF THE EUROPEAN CAPITAL OF CULTURE ON INTANGIBLE HERITAGE: NOVI SAD 2021	209
Stupar Aleksandra, Camprag Nebojša, Polić Darko	
URBAN DESIGN METHODS OF SHANGHAI TILANQIAO HISTORIC DISTRICT UNDER THE BACKGROUND OF URBAN RENEWAL	223
Sun Xinyu	
IN SUPPORT OF GLOBAL INTEGRATED LANDSCAPE INITIATIVES: EXPERIENCES FROM THE GREEN HEART IN THE NETHERLANDS	236
Tisma Alexandra, Meijer Johan	
BUILT HERITAGE AND AGENDA 2030. EMBEDDING HERITAGE VALUES IN THE SPATIAL PLANNING LOCAL AGENDA	248
Trillo Claudia	
WHO IS AFRAID OF TRANSITION? MONITORING THE IMPACT OF TRANSFORMATION ON HISTORICAL RURAL LANDSCAPES AS INDICATOR OF COMMUNITIES' CHANGING NEEDS	261
Vigotti Francesca	
RECONSTRUCTING PUBLIC HISTORY THROUGH EUROPEAN SETTLER AND INDIGENOUS HERITAGE AND LANDSCAPE	272
Walker Ryan	
SUSTAINABLE PROTECTION OF CHINESE HUMAN-HABITAT HISTORICAL ENVIRONMENT FROM THE PERSPECTIVE OF TRANSITION:CASES STUDY OF TRADITIONAL VILLAGES AND ANCIENT CITY OF PINGYAO IN SHANXI PROVINCE	290
Xu Xiwei, Yin Xi, Li Yang	
TRANSFORMATION OF ROADS' FEATURE PROTECTION: STATUS AND FUTURE THINKINGS OF SHANGHAI'S FEATURE-PROTECTED ROADS:BASED ON THE CASE OF YUYUAN ROAD IN SHANGHAI	301
Zhou Yeyuan, Xueyan Wang	

PA 03 Urban design for multilevel planning

WHAT ROLE DO URBAN POLICIES PLAY IN ENHANCING THE SATISFACTION FROM NEIGHBOURHOOD OPEN SPACES IN MIXED-USE CITY CENTRES: LESSON FROM AUCKLAND	315
Amirshekari Razno Salma, Beattie Lee, Silva Cristian Alejandro	
OPPORTUNITIES, INNOVATION, AND LEGITIMACY IN PUBLIC-PRIVATE COLLABORATION. LESSONS FROM FRENCH PRACTICES	327
Ariani Camilla, Donvito Giacinto	
ROME CAPITAL REGION: REASONS AND SCOPE OF A DIFFERENT PROSPECTIVE	352
Caudo Giovanni , Baioni Mauro, de Strobel de Haustadt E Schwanenfeld Lorenzo	
EXPLORING IBA BASEL – ASSESSING THE IMPACT OF TRINATIONAL COOPERATION AND THE RESULTING PERSPECTIVES FOR THE POST IBA PERIOD	360
Förster Agnes , Frieling Katharina, Thissen Fee Natalie	
THE ROLE OF PARTICIPATORY PLANNING METHODS IN THE DEVELOPMENT OF PUBLIC SPACES: A SYSTEMATIC CASE STUDIES REVIEW ON SUSTAINABLE URBAN GOVERNANCE	375
Geddes Ilaria, Charalambous Nadia, Papallas Andreas	
LIVING APARTMENT BUILDINGS IN ANKARA AND THEIR RELATION WITH THE CITY	389
Gedikli Bahar	
RESEARCH ON RENEWAL OF LEFTOVER SPACES BASED ON MULTI-ACTOR PLANNING	410
Guo YUCHEN, Baykurt Burçin, Dai Shuyuan	
CITY AS A TRANSFORMATIONAL TOOL. THE INFINITY CITIES OF IVAN LEONIDOV	433
Lanini Luca	
PARTICIPATION AND COMMUNICATION: CHANGSHA CHILDREN FRIENDLY CITY PLANNING, DESIGN AND ACTIONS ON MULTIPLE LEVELS	444
Li Ziyue, Ze Zhang	



Table of Contents

A MULTILEVEL URBAN LANDSCAPE MEASUREMENT FOR ZONING CONTROL – A CASE STUDY OF GUSHAN KAOHSIUNG IN TAIWAN Li Jouhui, Han-Liang Lin	460
THE ROLE OF CLIMATHON® IN THE CHALLENGE OF MULTILEVEL ECOLOGICAL PLANNING Lorenzo Viviana, Massari Martina	479
INTERDISCIPLINARY METHODOLOGY FOR RETHINKING THE URBAN LAYOUT VIA MULTI CRITERIA ANALYSIS AND INDICATOR APPLICATION Luciani Francesca Romana, Caccamo Alessio, Herzog Lavinia, Nigro Silvia, Tommasoli Lavinia	488
COLLABORATIVE PROCESSES AND SPATIAL PLANNING: THE NATIONAL SPATIAL PLANNING POLICY IN PORTUGAL Maia Catarina, Sá Marques Teresa	499
FROM TRADITIONAL NEIGHBORHOODS TO URBAN ENCLAVES: AN INVESTIGATION ON THE RESIDENTS' PERCEPTIONS OF THEIR RESIDENTIAL TERRITORIES Memlük Çobanoğlu Nihan Oya, Akkar Ercan Müge	514
THE CHARACTERISTICS OF THE WORKING PLACE OF THE CREATIVE CLASS: THE CASE OF FASHION DESIGNERS IN ISTANBUL NISANTASI Olçay Gülsen Pelin, Mengin Hande	528
AN INCLUSIVE, MULTILEVEL PLANNING EXPERIENCE TO REGENERATE MILAN METROPOLITAN PERIPHERIES Pezzoni Nausicaa	545
CHARACTERISTIC OF FLEXIBLE SPACE OF TRADITIONAL URBAN STREET UNDER THE CONCEPT OF HEALTHY CITY: CASE STUDY OF MUSLIM SETTLEMENTS IN XI'AN Ren Yunying, Bai Shuaishuai, Wang Ruoyu	555
ASSESSING TERRITORIAL VULNERABILITIES AND SPATIAL INEQUALITIES: THE CASE OF PORTUGAL Marques Teresa, Saraiva Miguel, Matos Fátima, Maia Catarina, Ribeiro Diogo, Ferreira Márcio, Amante Ana	566
GRENOBLE-ALPES AND THE ECOLOGICAL TRANSITION: TERRITORIAL PLANNING IN MOTION Seigneuret Natacha	577
THE SPATIAL DIMENSION OF THE FLEMISH COVENANT OF MAYORS: A COMPARATIVE SPATIAL ANALYSIS ON THE TRANSITION TOWARDS ENERGY NEUTRAL MUNICIPALITIES Van Noordt Anneloes	591
SENSING OLDER PEOPLE'S LIVED EXPERIENCES THROUGH VISUAL IMAGES IN SINGAPORE Yuen Belinda	602
PRIVATIZATION, MARGINALIZATION AND REUSE OF WATERFRONT SPACE IN NEW TOWN - TAKING ZHANGJIANG SCIENCE CITY ZHONGSHI UNIT AS AN EXAMPLE Zhang Shuhan, Zhang Hanghua	613
STUDY ON THE CONSTRUCTION STRATEGY OF GREEN SPACE IN URBAN SHALLOW MOUNTAIN AREA—TAKING XISHAN MILITARY INDUSTRY COMMUNITY IN WULITUN AREA OF BEIJING AS AN EXAMPLE Zhao Xiyao, Zhuang Hang, Lin Qing	633

PA04 Teaching planning for the transition

THE ROLE OF THE UNIVERSITY IN THE PROMOTION OF SOCIO-SPATIAL JUSTICE Álvarez de Andrés Eva, Falleiros Frare Ulises	645
RESEARCHING SCHOOLS VS RESEARCHING WITH SCHOOLS. AN URBAN RESEARCH LABORATORY EXPERIENCE IN AN ITALIAN HIGH SCHOOL Aliberti Francesco, Avellini Elisa	654
RECONFIGURING TEACHING/LEARNING/ACTION/RESEARCH: APPARATUS FOR SOCIO-SPATIAL TRANSFORMATION WITH/IN DISADVANTAGED RURAL REGIONS Baxter Jamie	661



Table of Contents

INTEGRATED DEVELOPMENT PLANNING - POLISH PRATICE AND DIDACTIC CHALLENGES Churski Pawel	679
TEACHING URBAN PLANNING THROUGH INTERNATIONAL COOPERATION PROJECT WITH AFRICAN CITIES IN VERY FAST TRANSITION TIMES De Leo Daniela, Coralli Monica	694
A COLLABORATIVE LEARNING APPROACH TO PROMOTE POSITIVE INTERDEPENDENCE IN A “PLANNING SUSTAINABLE CITIES” COURSE Martinez Javier	699
TRAINING YOUNG PLANNERS AS EXPERTS IN PARTICIPATORY PROCESSES: THOUGHTS AND EXPERIENCES FROM PALERMO, ITALY Picone Marco, Schilleci Filippo	714
CREATING SHARED CONSCIOUSNESS THROUGH COLLABORATIVE EDUCATION: THE CASE OF MUNICIPAL AMALGAMATION IN UKRAINE Vlasenko Iegor, Thomann Urs	721
INCLUSIVE EXPERIENTIAL LEARNING AT GRADUATE LEVEL PLANNING STUDIO: A COLLABORATIVE GOVERNANCE CASE Waite Imge Akcakaya, Alkay Elif, Becerik Sinem	739
“COLLABORATIVE INTERNATIONAL WORKSHOPS – A JOINT BRAZILIAN-GERMAN TEACHING EXPERIENCE FOR PLANNING IN VULNERABLE AREAS COLLECTIVE LEARNING ON PLANNING FOR INTEGRATION AND TRANSITION” Wolff Almut, Leitão Gerônimo	762
PA05 Institutional change and regional transition	
THE ROLE AND THE FUTURE OF SMALL TOWNS IN THE CENTRAL ITALY EARTHQUAKE CRATER 2016 AND “THE RECONSTRUCTION OF THE POSSIBLE”, PARTICIPATORY WORKSHOP FOR A POST-EARTHQUAKE DEVELOPMENT PLAN IN BOLOGNOLA Baiooco Ruben, Catalanotti Cristina, Ernesti Giulio, Barbiero Massimiliano	773
BETWEEN EAST AND WEST. EU AND CHINA'S COMPETING SPATIAL INTEGRATION LOGICS FOR THE WESTERN BALKAN REGION Berisha Erblin, Cotella Giancarlo	779
BUILDING RESILIENCE THROUGH COLLECTIVE LEARNING IN PROJECT-ORIENTED ORGANIZATIONS IN INFRASTRUCTURE PLANNING De Groot Bert, Leendertse Wim, Arts Jos	795
IN-BETWEEN DYNAMICS. TOWARDS A RECONCEPTUALIZATION OF SOFT SPACES IN REGIONAL PLANNING De Jong Martine, Hajer Maarten, Hoffman Jesse	810
METROPOLITAN GOVERNANCE IN MEXICO: THE INSTITUTIONS Demerutis-Arenas Juan Ángel	832
“THERE IS NO WAY OF SPEAKING LOGICALLY ABOUT THIS MESS”: THE IMPACT OF ACTOR-RELATIONAL DYNAMICS ON INTEGRATED PLANNING PRACTICE Eräranta Susa, Mladenovic Miloš N.	846
REGIONAL INNOVATION AND THE NEW TERRITORIAL GOVERNANCE. FRENCH AND SPANISH CASES García-Nicolás Cristina	858
REGIONAL TRANSITION, TERRITORIAL DIFFERENTIATION, COMPOSITION FOR SUSTAINABLE TRAJECTORY Verpraet Gilles	872
SETTING UP THE NEW PLANNING SYSTEM IN KOSOVO - EVOLUTION AND INFLUENCES IN THE DEVELOPMENT Gjinolli Ilir	891
RESPONSIBILISATION IN FISH HABITAT REHABILITATION AND STEWARDSHIP Gregory Kieran, Grant-Smith Deanna	912



Table of Contents

SPATIAL EVOLUTION CHARACTERISTICS AND THE PLANNING COORDINATION MECHANISM OF CROSS-BORDER REGIONS IN RESCALING Huang Yinbo	925
RESEARCH ON REGION GOVERNANCE CHARACTER AND MECHANISM OF SUBURBAN COUNTIES SURROUNDING METROPOLITANS IN CENTRAL CHINA Huang Yong, Sun Xuyang	937
SPATIAL GOVERNANCE AND PLANNING SYSTEMS AND THE CAPACITY FOR PUBLIC CONTROL OF SPATIAL DEVELOPMENT: A EUROPEAN TYPOLOGY Berisha Erblin, Cotella Giancarlo, Janin Rivolin Umberto, Solly Alys	951
ASPERN EXPLAINED: HOW THE DISCURSIVE INSTITUTIONALIZATION OF INFRASTRUCTURE PLANNING SHAPED NORTH-EASTERN VIENNA'S URBAN TRANSFORMATION Krisch Astrid, Suitner Johannes	965
"OBSERVING GOVERNANCE FROM THE 'STREET LEVEL' AN INVESTIGATION ON FIRST ACCESS SERVICES IN BOLOGNA, EMILIA ROMAGNA, ITALY" Marani Benedetta	985
INSTITUTIONAL PATTERNS FOR METROPOLITAN GOVERNANCE IN LAC COUNTRIES. THE DIFFERENTIATED EVIDENCE FROM BOLIVIA AND BRAZIL Pioletti Maurizio, Royer Luciana de Oliveira, Urquieta Crespo Patricia	1005
TERRITORIAL PLANNING AND URBAN TRANSFORMATIVE CAPACITIES. PRELIMINARY REFLECTIONS ON THE CASE OF VALENCIA IN SPAIN Segura-Calero Sergio, Peris Jordi	1026
URBAN RENEWAL MECHANISM IN MINORITY NATIONALITY AREAS OF CHINA IN THE NEW ERA Shen Cheng, Zhang Xinyi	1040
GRAND PARIS OR ÎLE-DE-FRANCE? COMPARING TWO INSTITUTIONAL MODELS FOR TRANSITIONING TO SUSTAINABLE TRANSPORT IN THE ÎLE-DE-FRANCE REGION Singerman Ray Rosalie, Maaoui Magda	1051
GOVERNANCE AND POWER IN THE METROPOLITAN REGIONS OF THE RANDSTAD Spaans Marjolein, Zonneveld Wil, Stead Dominic	1058
ADVISABILITY OF REINTRODUCING THE BUILDING CODE DOCUMENT TO CANTON SARAJEVO SPATIAL AND URBAN PLANNING LEGISLATION Tabori Nataša	1081
THE NEW DYNAMICS BETWEEN REGIONAL AND URBAN GOVERNANCE: RURAL AREAS AS CONNECTION ELEMENT Torrìsi Luca	1100

PA06 Methods and technologies for transformative planning

TERRITORY AS MEDIA AND SOCIAL MEDIA AS TERRITORY Aliberti Francesco	1116
TECHNOLOGY READINESS FOR CITIES: THE NEAR-FUTURE CASE OF AUTONOMOUS PASSENGER DRONES Donnet Timothy	1126
THE SYSTEM OF SOCIO-SPATIAL DIVERSITY MONITORING IN THE CITY OF GDANSK, POLAND Gralewska Anna	1133
URBAN PLANNING AND NATURE: PARAMETRIC MODELLING AS A TOOL FOR RESPONSIVE GREENING OF CITIES Lemes de Oliveira Fabiano , Hamdan Dana	1143
MAPPING THE LANDSCAPE OF BEHAVIOURAL THEORIES: SYSTEMATIC LITERATURE REVIEW (SHORT REVIEW OF) Kwon Heeseo Rain, Silva Elisabete A.	1156



Table of Contents

A TRANSDISCIPLINARY PERSPECTIVE ON CITY TECHNOLOGIES: TOUCHPOINTS BETWEEN INFORMATICS AND URBAN DISCIPLINES Lupi Lucia	1161
TOWARDS A BETTER UNDERSTANDING OF UPCOMING CHALLENGES RELATED TO TECHNOLOGY AND DATA USABILITY WITHIN DESIGN PRACTICE. KEY REFLECTIONS FROM A COLLABORATIVE PROCESS IN AMSTERDAM CITY Luque-Martín Irene	1178
LANDSUPPORT, A DECISION SUPPORT SYSTEM FOR TERRITORIAL GOVERNMENT Coppola Emanuele, Moccia Francesco Domenico	1192
A KNOWLEDGE-DRIVEN APPROACH TO URBAN TRANSFORMATIONS: DENSIFICATION STRATEGY OF THE CENTRAL PARTS OF BERGEN, NORWAY Roald Hans Jacob, Elric de Koning Remco	1203
SÃO PAULO CITY GIS PLATFORM: GEOSAMPA Seo He Nem Kim, Aguilar Carolina Bracco Delgado de	1217
EXPLORING THE RELATIONSHIP BETWEEN URBAN VITALITY AND THE DISTRIBUTION OF AMENITY TYPOLOGIES Sulis Patrizia, Manley Ed	1226
THE MAPPING OF HISTORICAL STREETS ON SOCIAL MEDIA: A CASE STUDY BASED ON IMAGE RECOGNITION AND SEMANTIC RECOGNITION Tang Haoming, Wang Weiqiang	1235
COMMUNITY-BASED DATA FOR A NEW TAXONOMY OF ABANDONED PLACES Garda Emanuele, Saloriani Stefano, Villa Daniele	1247
 PA07 Community-based planning and social innovation 	
THE SELF-BUILD HOUSING IN MADRID (SPAIN): 40 YEARS OF STRUGGLE Álvarez de Andrés Eva	1257
NEW ROLES FOR ADMINISTRATIONS, PLANNERS AND CITIZENS IN THE SELF-ORGANIZATION VIEW Belingardi Chiara	1263
TERRITORIAL CONFLICTS IN METROPOLITAN AREAS. A REGENERATION PROJECT FOR THE RESURGENCE OF A COMMUNITY Caruso Elisa, Lingua Valeria	1272
CITIES AND SELF-ORGANIZATION. A DISCUSSION STARTING FROM ROME Cellamare Carlo	1280
THE SERIOUS GAME: A LEARNING TOOL TO ENHANCE THE COMMUNITIES IN THE CONTEXT OF SUSTAINABLE CITIES Cravero Sara, Lami Isabella, Abastante Francesca	1290
RESEARCH ON URBAN COMMUNITY MICRO-REGENERATION FROM PERSPECTIVE OF MULTI-ACTOR PARTICIPATION: THE CASE OF YANGPU DISTRICT IN SHANGHAI Fang Jialin, Yang Guiqing	1302
SENSE OF OWNERSHIP: APPLICATION OF PARTICIPATORY ACTION RESEARCH APPROACH IN CULTURAL ECOSYSTEM VALUATION PROCESSES IN CONTROVERSIAL URBAN DEVELOPMENT PROJECTS Fatourehchi Shabestari Akram, Ruth van Roon Marjorie	1323
LIVING SPACE RESEARCH IN TYPICAL RESIDENTIAL AREAS OF SHANGHAI Fu Yingzi, Wang De	1337
TRANSITION REQUIRES COLLABORATIVE WORK. DISCOVERING AND DEFINING ACTIONS THAT SUPPORT SUPERMIXED CITIES Huybrechts Liesbeth, Penninx Inge, Zaman Jan, De Mulder Sophie, Giaretta Federico, Tack Bram	1349
PUBLIC PARTICIPATION IN THE COMMUNITY PLANNING IN CHINA Jia Shuqian, Cao Kang	1363



Table of Contents

ENTREPRENEURIAL NEIGHBORHOOD PLANNING BASED ON MULTI-STAKEHOLDERS CO-CREATION Jiang Chenhan, Li Chen	1365
EXPLORATIONS ON THE ACTIVATION ROUTE OF GATED COMMUNITY BOUNDARY SPACE BASED ON COMMUNITY MICRO-RENOVATION—A CASE STUDY OF SHANGHAI Kai Xin, Yang Guiqing	1377
“STOP THE CHILD MURDER”: HOW A GRASSROOTS MOVEMENT FOR CHILDREN’S SAFETY FORMED A NEW PARADIGM IN URBAN DESIGN Katsavounidou Garyfallia	1397
URBAN MICRO-RENOVATION BASED ON ACTION RESEARCH METHODOLOGY: A CASE STUDY OF YIFENGLI, HONGKOU DISTRICT, SHANGHAI Li Qing, Lin Ni	1407
“THE ROLE OF ACTIVIST RESEARCHERS IN URBAN AND REGIONAL PLANNING. ANALYSING AND COMPARING INTERNATIONAL CASE STUDIES OF SOCIAL CHANGE” Scaffidi Federica, Franco Monica Lopez, Mottee Lara, Sharkey Megan	1416
NETWORKING COLLECTIVE KNOWLEDGE TO FOSTER CHANGE. THE CASE OF SANSHEROES NETWORK (SAN SIRO, MILAN) Maranghi Elena	1434
LET’S MEET AT THE URBAN COURTYARD! THE ROLE OF THE COMMUNITY PARTICIPATION IN MICRO-SCALE URBAN REGENERATION IN KRAKOW Miskowiec Magdalena	1443
LOST OR FOUND IN TRANSLATION? TRANSLATING INNOVATIVE FORMS OF PARTICIPATION INTO FORMAL DECISION MAKING Ringholm Toril	1456
TRANSFORMATION OF GROWN CITY CENTRES Schaumann Elisabeth, Simon-Philipp Christina	1474
CO-CREATING COLLECTIVE IMAGINATION. HOW TO PRODUCE THOUGHT-IMAGES FOR URBAN REFRAMING? Schreurs Jan E.a.	1485
STREET-LEVEL DEMOCRACY? URBAN PROFESSIONALS AS PARTICIPATORY INNOVATORS IN NEIGHBOURHOOD PLANNING PROCESSES Van Aanholt Jelle, Spanjar Gideon, De Nijs Karin, Suurenbroek Frank, Majoor Stan	1497
PLANNING FOR TRANSITION AND THE MULTIPLE PERSPECTIVES ON DEMOCRATIC LEGITIMACY Wolff Almut	1514
CULTURAL STAKING: TRANSITION OF THE CORE PUBLIC SPACE OF RURAL SETTLEMENTS Yang Guiqing, Xiao Yinghe	1524

PA08 Theorizing urban change: complexity and ethics

REBUILDING THE PLANNING SYSTEM: THE TRANSITION TOWARDS PROFESSIONAL ANTAGONISM IN THE UPHILL BATTLE OF MADRID NUEVO NORTE Aparicio Angel, Arias Félix	1537
SEX (ROLES) AND THE CITY Belingardi Chiara	1548
MANAGING RELIGIOUS MEGA-EVENT IN A MUNDANE URBAN COMMUNITY: THE CASE OF MUSLIM EID AL-FITR IN HUXI MOSQUE, SHANGHAI Cai Tong, Zhang Ze	1554
THE RIGHT TO HOUSING: FROM OCCUPATION TO TRANSITORY COLLECTIVE HOUSING IN TURIN. THE CASE OF VIA LA SALETTE Cottino Valeria, Gai Veronica, Masetto Annalisa, Sacco Paola	1559
URBAN AGRICULTURE AND THE SOCIAL ROLE OF URBANISM: PLANNING AND ETHICS FOR COMMUNITIES AND TERRITORIES Marat-Mendes Teresa, Cunha Borges João	1569



Table of Contents

TOWARDS POST-HUMAN URBANISM Lapintie Kimmo	1584
COMMUNICATION THROUGH VISUALIZATION: THE PURPOSE, ROLE AND STYLE OF VISUALIZATIONS IN URBAN PLANNING Mikulcik Burcu	1595
DESIGN IN THE ANTHROPOCENE: AN OPENING TO THE OTHER Rispoli Micol	1603

PA09 Transition paths and urban futures

LANDING. THE NEED FOR A RENEWED URBAN VOCABULARY FOR HOSPITALITY (AND THE CITY) Bovo Martina	1615
UNDERSTANDING THE URBANITE-ORIENTED PERFORMANCE OF ECOSYSTEM SERVICE I N PERI-URBAN AREAS: AN ANALYTICAL FRAMEWORK Liu Shuang , Li Zhipeng, Yan Kai, Chen Chen	1625
SUSPENDED TERRITORIES AND WINDOWS OF OPPORTUNITY AFTER THE 2016 EARTHQUAKE IN CENTRAL ITALY Francucci Marco Emanuel	1637
LITHUANIA AT THE CROSSROADS: EXPERIENCE FROM THE ‘MAKING’ OF A NATIONAL SPATIAL PLAN Gauce Kristina, Ratkute-Skackauskiene Giedre, Jakutyte-Walangitang Daiva, Neubert Nikolas	1645
BREX CITY: CURRENT AND FUTURE URBANITIES OF THE UNITED KINGDOM/REPUBLIC OF IRELAND BORDER Jefferies Tom	1660
BUILDING URBAN FUTURES THROUGH AN EXPLORATORY PROJECT: HOW CAN INNOVATIVE DESIGN APPROACHES BE USED TO REGENERATE URBAN PLANNING ROUTINES? Lavoie Nicolas, Abrassart Christophe, Scherrer Franck	1670
ADAPTATION. A METAPHOR FOR THE AGE OF CLIMATE CHANGE Magnabosco Giacomo, Bertin Mattia, Fabian Lorenzo	1686
QUESTIONS OF JUSTICE IN HYDROLOGICAL EXTREMES: ADVANCED REVIEW Savelli Elisa, Rusca Maria, Di Baldassarre Giuliano	1698
THE STRATEGIC DILEMMA OF AN OPEN AND CLOSED APPROACH OF TRANSITIONAL CHANGE. COMPARING THREE TRANSITION PATHS TO SUSTAINABILITY IN THE NETHERLANDS. Van der Wouden Ries	1710

PA10 Climate proof cities and resilient societies

URBAN RESILIENCE TO DISASTERS: A POLICY CASE FROM TURKEY Adikutlu Selin, Şenol Balaban Meltem	1726
CLIMATE CHANGE IMPACTS IN THREE REGIONS OF GREECE: INTERCONNECTIONS WITH REGIONAL PUBLIC PERCEPTIONS AND PLANNING POLICIES Angra Dimitra, Sapountzaki Kalliopi	1734
URBAN GREEN SPACES IN TRANSITION: URBAN SOCIAL-ECOLOGICAL RESILIENCE IN THE REGION FRANKFURT RHINE-MAIN—A REVIEW Bilgic Pinar	1754
A STUDY ON ESTABLISHMENT OF THE FLOOD PROTECTION STANDARD - A CASE STUDY OF DALI RIVER BASIN IN TAIWAN Chang Hsueh-Sheng, Katayama Takahiro	1770
CLIMATE JUSTICE AND INTEGRATED FLOODING RISK ASSESSMENT AND MANAGEMENT: A FRAMEWORK AND CASE STUDIES IN USA AND TAIWAN Cheng Chingwen, Chiang Li-Chun, Yao George C., Chou Wen-Jyun	1780



Table of Contents

LAND POLICY TOOLS IN FLOOD RISK GOVERNANCE: THE DIFFERENTIATED EXPERIENCES ARISING FROM THE BASINS OF THE RIVERS EVROS (GREECE) AND SCHELDT (BELGIUM) Delladetsimas Pavlos Marinos, Katsigianni Xenia, Van den Broeck Pieter , Hiergens Ide	1788
STUDY ON COUNTERMEASURES AND SPATIAL POTENTIAL OF CHINA'S COASTAL CITIES IN RESPONSE TO HEATWAVE AND FLOOD HAZARDS Feng Ning, Li Yang	1800
ERRATIC CLIMATE CHANGE PLANNING: THE GOLD COAST'S ALTERNATING TRANSITION Howes Michael, Dedekorkut-Howes Aysin	1821
ENHANCING CITIES' RESILIENCE IN THE FACE OF MULTIPLE CHALLENGES: ON-GOING EXPERIENCES IN ITALIAN AND GREEK CITIES Limongi Giada, Salata Konstantina-Dimitra, Galderisi Adriana	1833
FROM THE VIEWPOINT OF ECOSYSTEM SERVICE : A STUDY OF FUNCTIONAL REGIONALIZATION IN CHIAYI CITY, TAIWAN Lin Chia-Ming, Chang Hsueh-Sheng	1854
RESEARCH ON THE CONSTRUCTION OF "SPONGE CAMPUS" FROM THE PERSPECTIVE OF LOW IMPACT DEVELOPMENT - A CASE STUDY OF JIANGPU CAMPUS OF NANJING TECH UNIVERSITY Ling Lin, Dai Shenzhi	1863
CONVENING REGIONAL CLIMATE COLLABORATIVES: A CROSS-COMPARISON OF US CASES Margerum Richard D, Adams Steve, Bruce Josh	1879
SENSING THE CITY: CLIMATE CHANGES AND ADVANCED TECHNOLOGIES Fusero Paolo, Massimiano Lorenzo	1889
COOPERATIVE BRIDGES: THE ROLE OF RISK PERCEPTION IN CONSTRUCTION OF RESILIENT COMMUNITIES Monno Valeria, Frisullo Daniela	1895
BEYOND BARRIERS: EXPLORING THE FUTURES OF CLIMATE INFRASTRUCTURE ON THE VENETIAN LAGOON Toro Barragan Vanessa, Chan Collyn, Haney Elizabeth, Mohyuddin Azka, Ocampo Mary Anne, Ofsevit Ari, Purdy Bella, Smith Mary Hannah, Wong Angela	1907
PLANNING AND ARCHITECTURE FOR CLIMATE ADAPTATION: THE EXPERIENCES OF THE "STRUCTURE-TERRITORIES" IN LOW AND HIGH DENSITY CITY Serreli Silvia, Sanna Gianfranco, Biddau Giovanni Maria, Spanedda Pier Paolo, Chemli Nesrine	1924
FLOOD: CAN MIAMI LEARN FROM VENEZIA (OR THE OPPOSITE) WASHER CHRISTOPHE	1941
A COMPARATIVE ANALYSIS OF LOCAL CLIMATE CHANGE ADAPTATION PLANS FOR NATURAL DISASTER RISK REDUCTION IN SOUTH KOREA Yoon Dong Keun, Cho Seong Yun, Choi Yeon Woo, Jang Jung Woo	1952
RESILIENT PLANNING OF CHINESE DELTA CITIES UNDER CLIMATE CHANGE Zhang Xinyi, Shen Cheng	1968
PA11 Urban metabolism and circular economy	
CIRCULAR ECONOMY IN URBAN PROJECTS: A CASE STUDIES ANALYSIS OF CURRENT PRACTICES AND TOOLS Appendino Federica, Roux Charlotte, Saadé Myriam, Peupartier Bruno	1981
URBAN METABOLISM AND THE CIRCULAR ECONOMY , THE CAPITAL APPROACH Hunt Peter	1996
LOCAL MANUFACTURING SYSTEMS IN THE PIEDMONT AREA. NEW SCENARIOS FOR AN INLAND METABOLISM Leonardi Maria	2009
RESEARCH ON THE THEORETICAL FRAMEWORK OF INTEGRATED URBAN WATER SYSTEM PLANNING BASED ON WATER CYCLE THEORY Liu Feiping, Dai Shenzhi	2025



Table of Contents

THE GOVERNANCE OF THE CIRCULAR ECONOMY: INSIGHTS FROM THE VENETO REGION Church Jon Marco , Lucertini Giulia, Bellinato Giacomo, Guolo Erika, Pizzo Giovanna, Bonomin Giulia	2043
BRINGING WASTE TO THE FOREGROUND OF CITIES. TOWARDS SUSTAINABLE TRANSITION MANAGEMENT IN THE URBAN REGION OF NAPLES (ITALY) Berruti Gilda, Palestino Maria Federica	2064
DATA CENTER AND THE CITY: A POTENTIAL FOR URBAN SYNERGIES Ramos Cáceres Cristina, Sandberg Marcus, Sotoca Adolfo	2072
RETHINKING ORGANIC WASTE STREAMS AS METABOLIC DRIVERS FOR IMPROVING URBAN SUSTAINABILITY AND AGROECOLOGICAL PRACTICES Stempfle Sarah, Tornaghi Chiara, Reho Matelda	2081
PA12 Housing, gentrification and socio-spatial dynamics	
HOUSING POLICIES BEYOND NUMBERS: A COMPARATIVE STUDY IN PORTUGAL AND ITALY Di Giovanni Caterina Francesca, Antunes Gonçalo	2088
HIGH-DENSITY LIVING IN HONG KONG FROM THE PERSPECTIVE OF TEENAGERS Hao Pu	2107
REACH HOMES - A CRITICAL EXTENSION OF DWELLING Holden Samuel	2117
IDENTIFYING THE IMPACTS OF UNION STATIONS ON HOUSING PRICE IN KAOHSIUNG CITY, TAIWAN HSU Cheng-Kai, Chen Yen-Jong	2128
THE POSSIBILITIES AND LIMITATIONS OF THE STATE AND LOCAL AUTHORITIES' ACTIVITIES IN RESISTING FINANCIALISATION OF THE HOUSING SECTORS IN CENTRAL AND EASTERN EUROPEAN COUNTRIES Lis Piotr	2136
SUBURBS AND SUBSIDIZED HOUSING IN THE UNITED STATES: WHAT MAKES SOME SUBURBS MORE RECEPTIVE TO LOW-INCOME HOUSING TAX CREDIT HOUSING THAN OTHERS? McClure Kirk, Schwartz Alex	2144
GENTRIFICATION AND COMMUNITY-LED DESIGN: RENEGOTIATION AND LIMITATION OF THE RENT GAP IN THE UK Morton Tom	2168
ICD-AN ALTERNATIVE AFFORDABLE HOUSING INITIATIVE Nautiyal Nidhi	2180
HOUSES BEYOND-THE-THRESHOLD. A NEW PARADIGM OF HOUSING FOR THE THIRD MILLENNIUM Pezzoni Nausicaa	2196
HOUSING DEFICIT AND HOUSING OPPORTUNITIES: IMPLEMENTING COLLECTIVE OWNERSHIP IN THE CENTRE OF SÃO PAULO, BRAZIL. THE CASE OF FICA FUND Pioletti Maurizio, Cymbalista Renato	2209
CHICANA NEIGHBORHOOD ACTIVISM: GENDER, RACE, AND URBAN PLANNING Sandoval Gerardo, Sosa-Riddell Citlali, Sosa-Riddell Ada	2219
MASS HOUSING, RELOCATION, AND MOTHERS' AND CHILDREN'S RESIDENTIAL SATISFACTION: EVIDENCE FROM ANKARA Severcan Yucel Can	2236
"RETHINKING PARTNERSHIPS FOR AFFORDABLE HOUSING: PLANNING POLICY DESIGN NEXUS" Tsenkova Sasha	2253
DISPOSSESSION OF THE POOR THROUGH AN URBAN RENEWAL PROJECT IN NARLIDERE IZMIR, TURKEY Uysal Ayça, Arslan Avar Adile	2264



Table of Contents

THE POTENTIAL OF ALTERNATIVE HOUSING INITIATIVES TO ‘TRANSFORM’ THE HOUSING SECTOR: EXAMPLES FROM NEW YORK CITY AND BERLIN Yonder Ayse Nilufer, Brunzema Meta	2280
THE SPATIAL CHARACTERISTICS AND SUPPLY OF URBAN AFFORDABLE HOUSING - AN INTERNATIONAL COMPARATIVE STUDY Zhang Xiuning, Yang Fan	2288
PA13 Healthy City Planning: Food, Physical Activity and Social Justice	
EMERGING PLACES OF SOCIAL INNOVATION (POSI). THE CO-PRODUCTION OF SPACE BETWEEN MULTILEVEL STAKEHOLDERS: THE CASE OF PRODUCTIVE URBAN GREEN INFRASTRUCTURE Ardill Nicholas, Lemes de Oliveira Fabiano	2303
HEALTHY NEIGHBORHOODS ALONG AN URBAN TO RURAL GRADIENT Carver Rial	2320
THE IMPORTANCE OF BUILT ENVIRONMENT: CHARACTERISTICS OF THE BUILT ENVIRONMENT AND SPATIAL PATTERNING OF TYPE 2 DIABETES IN PUDONG DISTRICT, SHANGHAI Chen Sijia, Yu Yifan	2334
DOES THE CONNECTIVITY OF URBAN PUBLIC GREEN SPACE PROMOTE USE? AN EMPIRICAL STUDY OF WUHAN INNER CITY Dong Yuping, Liu Helin, Zheng Tianming	2346
STUDY OF THE INTERRELATIONSHIP BETWEEN URBAN MICRO PUBLIC SPACE MORPHOLOGY AND MICROCLIMATE Han Shanshan, Song Dexuan	2361
A RESEARCH FRAMEWORK OF URBAN SPATIAL PLANNING REGULATION BASED ON CARDIOVASCULAR HEALTH IN THE CONTEXT OF SEVERE COLD CLIMATE Li Shuyuan, Leng Hong	2373
THE CONSTRUCTION OF PEDESTRIAN NETWORK IN URBAN BLOCKS: A CASE STUDY Li Wenzhu, Sun Tongyu	2383
“THE REPOSITIONING AND URBANISATION OF HEALTH: NEW HEALTHY PLACES ALONG HOSPITAL-CITY-CONTINUUM AND ITS IMPLICATIONS FOR HEALTHY CITY PLANNING” Maierhofer Magdalena	2395
PHYSICAL ACTIVITY IN FAMILIES DAILY-LIFE OF SUBURBAN AREAS – THE CASE OF RIO DE MOURO, LISBON METROPOLITAN AREA Marques da Costa Eduarda, Franco Pedro, Marques da Costa Nuno	2406
HEALTHY CITY OF TOMORROW Nucci Lucia	2416
SHAPING CITIES FOR HEALTH TO CONTRAST THE EFFECTS OF CLIMATE CHANGE: THE CCHURE PROPOSAL D’Onofrio Rosalba , Odoguardi Ilaria, Trusiani Elio	2423
SUPPLY-DEMAND ANALYSIS OF PARK SERVICES FOR DIFFERENT AGE GROUPS IN COMMUNITY LIFE CIRCLE: A CENTRAL DISTRICT IN SHANGHAI AS A CASE Qiu Ming, Wang Min	2434
WELL-BEING, SOCIAL INTERACTION AND PHYSICAL ACTIVITY: ENCOURAGING HEALTHY BEHAVIOURS THROUGH QUALITY URBAN DESIGN Sepe Marichela	2443
URBAN FARMING IN A RAPID URBAN TRANSFORMATION: COMMUNITY INITIATIVES AND POLICY CHALLENGES IN BANDUNG AND YOGYAKARTA Setiawan Bakti, Tuntung Pandangwati Sri	2451
USING SPATIAL AGGREGATION METHOD OUTCOME TO EXPLAIN THE INFLUENCES OF BUILT ENVIRONMENT ON HEALTH PROFILE Shen Yuanyi, Zhong Mengqi, Zhang Qinglai, Bu Jiatian, Yu Yifan	2466



Table of Contents

THE SPACE-TIME RELATIONS BETWEEN PEDESTRIANS AND STREET VENDORS: A CASE STUDY IN SUIHUA, CHINA Sun Ziwen	2473
WALKABILITY IN FLANDERS (BELGIUM): DEVELOPING A TOOL TO SUPPORT HEALTHY SPATIAL PLANNING. Vervoort Peter, D'Haese Sara, Verdeyen An, Van Acker Ragnar	2486
RESEARCH OF AN INDICATORS SYSTEM FOR THE COMPACT URBAN FORM BASED ON THE HEALTHY CITY CRITERIA Wang Yimin, Fu Bin, Zhang Haoyan, Yang Shaoliang, Hu Ying, Lin Zhongjie	2497
WALKING IN SHANGHAI: STREET PLANNING AND DESIGN BASED ON WALKABILITY Xu Xinxin, Zhao Xiyao	2505
THE INFLUENCE OF COGNIZED NEIGHBORHOOD ENVIRONMENT ON CHILDREN'S HEALTH AND OUTDOOR ACTIVITIES: A CASE STUDY OF SHANGHAI Zhai Baoxin, Zhu Wei	2513
THE SIGNIFICANCE OF URBAN HISTORICAL PARKS TO PHYSICAL ACTIVITY AND PUBLIC HEALTH: A CASE STUDY IN BEIJING, CHINA Zhang Sihan, Liu Xiaoming	2522
EXPLORING ASSOCIATIONS BETWEEN STREET NETWORKS AND CYCLING FROM THE PERSPECTIVE OF SPACE SYNTAX: AN EMPIRICAL RESEARCH OF YANGPU DISTRICT OF SHANGHAI Wang Lan, Zhou Kaichen	2535
URBAN RIVER REGENERATION AS A TOOL FOR HEALTHY CITY PLANNING: THE CASE OF SHENZHEN FUTIAN RIVER Zordan Mirna, Villani Caterina, Zou Junyu, Talamini Gianni	2546
TEMPORARILY PEDESTRIANISED STREET IN HONG KONG: GOVERNMENTAL STRATEGY OF IMPLEMENTATION AND TACTICS OF APPROPRIATION Villani Caterina, Cheng Yu Hin, Zordan Mirna, Talamini Gianni	2559
PA14 Planning for accessibility and sustainable mobilities	
COMPARING IMPLEMENTATION APPROACHES IN MOBILITY INNOVATIONS: THE ECCENTRIC PROJECT IN MADRID Aparicio Angel	2573
SUSTAINABLE AND CONNECTED INFRASTRUCTURE NETWORKS AND URBAN REGIONS – TRANSITION TOWARDS INTEGRATED PLANNING OF URBAN NODES ON TEN-T CORRIDORS Arts Jos, Van der Linden Kevin, Van der Werf Sjaak	2584
CARGO HITCHING AS A TOOL TO TRASFORM THE URBAN MOBILITY SYSTEM. INTEGRATING PASSENGERS AND GOODS TRANSPORTATION TOWARDS A MORE SUSTAINABLE, DESIDERABLE AND EFFICIENT MOBILITY Bruzzone Francesco	2599
AN ON DEMAND TRANSPORT IN A LOW DENSITY AREA OF PORTUGAL - ALENTEJO Carvalheira Carmen	2613
CYCLING TO SCHOOL: EXPLORING KEY FACTORS INFLUENCING SCHOOL-GOING CHILDREN'S MOBILITY CHOICE TO CYCLE IN TALLINN, ESTONIA Kask Õnne, Tan Wendy	2621
HOME PARKING AND COMMUTING: EXPLORING NEW WAYS OF ESTIMATING THE IMPACT OF PARKING ON MOBILITY CHOICES Khazaeian Omid, De Roiste Mairead, Daghlish Toby, Saglam Yigit	2636
ALTERNATIVE DISCOURSE AND NARRATIVES FOR INSTITUTIONAL CHANGE IN TRANSPORT PLANNING Muhammad Imran	2647
CLASSIFYING GOVERNANCE INITIATIVES FOR AN EFFECTIVE INTEGRATION OF CAR SHARING WITH URBAN PLANNING AND TRANSPORT SYSTEMS Paganelli Luisiana	2661



Table of Contents

THE RELOCATION OF A CIRCUS SCHOOL FROM THE PERSPECTIVE OF MOBILITY OF ITS PARTICIPANTS Penninx Inge, De Mulder Sophie	2671
USING SNAMUTS TO PLAN FOR CHANGE: THE PLACE FOR ACCESSIBILITY MODELLING IN STRATEGIC PLANNING FOR URBAN TRANSITIONS Perkovic Jana, Stone John	2687
NEIGHBOURHOOD WALKING AS TRANSPORT, OUTDOOR RECREATION AND PUBLIC HEALTH Skjeggedal Terje, Vistad Odd Inge, Thorén Kine Halvorsen	2707
STEERING DISRUPTION: A BACKCASTING APPROACH TO GOVERN THE SPATIAL IMPACTS OF THE DIFFUSION OF AUTOMATED VEHICLES IN TURIN Staricco Luca, Rappazzo Valentina, Scudellari Jacopo, Vitale Brovarone Elisabetta	2722
BEYOND THE PLAN: METHODS OF TRIGGERING LONG-TERM CHANGE IN URBAN AND REGIONAL MOBILITY Förster Agnes , Strobel Eva	2732
ANALYSING THE RELATION BETWEEN TERRITORIAL FRAGILITIES AND ACCESSIBILITY: A FOCUS ON INDIVIDUAL DIMENSION AND NEEDS Vendemmia Bruna	2748
ENHANCING URBAN-RURAL CONNECTIVITY IN NON-METROPOLITAN REGIONS: A METHODOLOGY IN SUPPORT TO DECISION-MAKING Vitale Brovarone Elisabetta, Cotella Giancarlo, Staricco Luca	2756
‘STICKY FLOWS’ AND ‘PRODUCTIVE FRICTIONS’: UNTANGLING THE MECHANISMS OF STREET URBANISM Webb Jamme Hue-Tam	2769
PARKING PATTERN AND INFLUENCING FACTORS OF DOCKLESS PUBLIC BICYCLE: CASE STUDY FROM NANSHAN SHENZHEN Xie Zhaoyang, Liu Kun, Zhou Qingfeng	2796
“IMAGINING THE FUTURE OF MY NEIGHBORHOOD”: RESIDENTS’ PERCEPTIONS OF SUSTAINABLE MOBILITY AND REGENERATION AROUND METRO STATIONS IN THE CITY OF THESSALONIKI Papagiannakis Apostolos, Yiannakou Athena, Zachariadou Panagiota	2811
HOW COULD THE INTEGRATION OF LAND USE AND TRANSPORT IN PLANNING PRACTICE CONTRIBUTE ACHIEVING SUSTAINABLE URBAN FORM? – BY A CASE STUDY ANALYSIS OF KINGS’ CROSS AND OLYMPIC LEGACY IN LONDON Yue Yufeng, Shi Haochen	2822
BICYCLE–METRO INTEGRATION FOR THE ‘LAST MILE’ IN SHANGHAI Zhang Ze, Cai Tong	2846

PA15 Planning, Law and Property Right: in the face of transitions

RIGHT TO THE CITY, HUMAN RIGHTS, AND CANADIAN CITIES Agrawal Sandeep	2853
“TRANSPPOSITION OF ADVOCACY EXPERIENCE AS TRIPLE-LOOP SOCIAL LEARNING IN ALBANIA: FIGHTING HPPS IN PROTECTED AREAS FROM THE VJOSA RIVER BASIN TO THE CANYONS OF OSUMI” Bekteshi Arba, Misho Erinda	2857
MONITORING AND ENFORCEMENT OF SHORT-TERM RENTALS RULES. MISSION IMPOSSIBLE? Calor Inês, Magarotto Mateus	2868
COMMON VALUE: TRANSFERRING DEVELOPMENT RIGHTS IN THE FACE OF CLIMATE CHANGE CHALLENGES Dyca Besmira	2878
URBAN-LEGAL PARADIGMS SUPPORTING POST-MILLENNIAL EVICTION: THE ROLE OF THE COURTS IN DISPLACEMENT PRACTICES Jahn Verri Fernanda	2895



Table of Contents

RESEARCH ON THE IMPLEMENTATION MECHANISM OF PRIVATELY OWNED PUBLIC SPACE - PLANNING IMPLEMENTATION OF THE PUBLICLY TRANSFERRED LAND IN FUZHOU CITY 2008-2017 Jiang Hong	2909
LEGITIMACY CRISIS OF THE VILLAGE PLANNING IN CHINA AND ITS RESOLUTION LI Yanqun, Geng Hong	2916
LAND USE PLANNING, TOURISM INTENSIFICATION AND REGULATION OF SHORT TERM COMMERCIAL VISITOR ACCOMMODATION: THE CASE OF EDINBURGH McCarthy John	2932
EVALUATION OF THE LAND VALUE CAPTURE (LVC) EXPERIENCE IN THE CITY OF SÃO PAULO, BRAZIL Nobre Eduardo	2940
UNINTENDED OUTCOMES OF THE MARKETIZED HOUSING AGENDA IN SWEDEN: THE TROLLS THAT NEVER WERE INVITED WHO WE NOW HAVE TO DEAL WITH Norén Bretzer Ylva	2948
NEOLIBERAL GOVERNANCE AND ACCUMULATION BY DISPOSSESSION IN KARABURUN PENINSULA, IZMIR, TURKEY Özcan Cive Yagmur, Arslan Avar Adile	2964
MASTERS IN TRANSITION? Rezac VIT	2977
IMPLEMENTATION PROBLEMS OF SOCIAL AND TECHNICAL INFRASTRUCTURE IN TURKISH SETTLEMENTS Subasi Gulden, Sence Turk Sevkiye	2985
 PA16 Tourism, public spaces and urban cultures	
INTERRELATION BETWEEN INCLUSIVITY OF PUBLIC SPACES AND SOCIAL COHESION: METAMORPHOSIS OF A HISTORICAL PARK IN ANKARA, TURKEY Akkar Ercan Müge, Oya Memlük Nihan	2998
WHERE THE STREETS HAVE NAMES Barbieri Lorenzo	3005
TRANSITIONAL APPROACH FOR ENHANCING PLACE-BASED AND COLLABORATIVE POLICIES, TOWARDS AN EVOLUTIONARY DIMENSION OF COHESION POLICY Bevilacqua Carmelina, Cappellano Francesco, Ou Yapeng	3016
SPATIAL DISTRIBUTION CHARACTERISTICS OF CULTURAL TOURISM IN HISTORICAL REGIONS: A CASE OF SHAOXING ANCIENT CITY BASED ON POI DATA Cai Tong	3029
“WHAT ELSE?”: COMMUNITY PERSPECTIVES ON TOURISM-LED URBANIZATION IN SPITI, INDIA Chakravarty Surajit	3038
HOW WELL CAN PRIVATELY OWNED PUBLIC SPACES (POPS) FACILITATE SOCIAL INTERACTIONS IN TAIPEI CITY? A CASE STUDY OF THE COMMUNITY RESIDENTS’ DAILY LIFE Cheng Wen-Chi, Chao Tzu-Yuan	3061
ANALYSIS AND RESEARCH OF URBAN STREET FUNCTIONS BASED ON GIS: A CASE STUDY OF XUHUI DISTRICT, SHANGHAI, CHINA Dai Luning	3075
BY NO PLACE TO PUBLIC SPACE: A NEW RESOURCE FOR CAPUA De Biase Claudia, D’Agostino Irene	3084
THE IMPACTS OF SHARING PLATFORMS FOR TOURISM ON SPACES AND COMMUNITIES: THE POSSIBLE ROLE OF PLACEBASED REGENERATION PROCESSES Daldanise Gaia, Esposito De Vita Gabriella	3103
READING THE CITY THROUGH THE LENS OF URBAN STANDARDS. THE CASE OF PONTICELLI, EAST NAPLES Franzese Alessia	3120



Table of Contents

ANTIFRAGILE PRACTICES TO DESIGN SOCIAL DIALOGUE IN CONTEMPORARY EUROPEAN PUBLIC SPACES Galimberti Beatrice	3131
RESEARCH ON MULTI-LEVEL PUBLIC SPACE SYSTEM PLANNING STRATEGY IN HISTORICAL AND CULTURAL BLOCK BASED ON THE CONCEPT OF “COLLAGE CITY” - TAKING BEIJING MOSHIKOU HISTORICAL AND CULTURAL BLOCK AS AN EXAMPLE Gao Yu, Wang Ziyao, Zhang Yunlu	3146
URBAN PUBLIC SPACE DESIGN FROM THE PERSPECTIVE OF ENVIRONMENTAL BEHAVIOR - A CASE STUDY OF THE ROUND-CITY-PARK IN XI'AN Gu Taiwei	3157
THE ROLE OF THE LOCAL IN IMPROVING COHESION AND SPATIAL JUSTICE Su Yuqian, Guo Yuchen, Wan Lu	3164
MUSEUM OF LONDON - A CITY MUSEUM IN TRANSITION Hebbert Michael	3174
SUITABLE RENEWAL AND SPACE ORGANIZATION METHODS OF HISTORIC TOWN IN THE TRANSITION PERIOD: A CASE STUDY IN CHINA Hou Wenjun, Ge Tianyang, Yang Jianqiang	3192
THE STUDY ON SPATIAL INTERVENTIONS FOR AGING COMMUNITIES IN TOURISM-ORIENTED HISTORIC DISTRICTS FROM THE PERSPECTIVE OF SPATIAL TERRITORIALITY Hu Ying, Lin Zhongjie	3201
SUSTAINABLE TOURISM AND PUBLIC SPACE - A CASE STUDY OF SKEPPSHOLMSVIKEN 6 IN STOCKHOLM, SWEDEN Jonsson Anna-Paula, Haas Tigran	3211
SUPPRESSING URBAN CREATIVITY: DISPLACEMENT OF THE ART SPACES OUT OF THE MAINSTREAM CULTURAL SCENE OF ISTANBUL Kahya Guzin Yeliz	3226
ALTERNATIVE URBANISM IN THE HISTORIC CITY CENTRE: A TRANSNATIONAL PERSPECTIVE ON THEORY AND PRACTICE Akl Ameera, Kamvasinou Krystallia	3237
RESEARCH ON THE IMPROVEMENT OF URBAN PUBLIC SPACE VITALITY BASED ON THE CONCEPT OF SOCIAL RESOURCE SHARING--TAKING TIANLIN COMMUNITY IN SHANGHAI AS AN EXAMPLE Li Qianwen	3249
RECENT DEVELOPMENTS IN CULTURAL PLANNING AS AN APPROACH TO BUILD CREATIVE CITIES Kattimani Raghavendra	3261
RECORDING, EVALUATING AND MANAGEMENT OF TANGIBLE AND INTANGIBLE CULTURAL HERITAGE, THROUGH A DECISIONMAKING MULTI-CRITERIA ANALYSIS Linaki Eleni	3268
THE RESEARCH ON FORMATION MECHANISM OF THE RURAL RED CULTURE TOURISM INDUSTRY CLUSTER AND APPLICATION --- REFLECTIONS FROM THE COMPARATIVE ANALYSIS OF THE “REVOLUTIONARY RESORT” XIBAIPO TOWN AND “GREEN DOT” DASHI TOWN Liu Shiqi	3274
“A STUDY ON THE DEVELOPMENT TREND AND TRANSFORMATION OF SHANGHAI AS A CREATIVE CITY IN THE 21ST CENTURY” Ma Xiaojiao , Wang Weiqiang	3287
UN HABITAT'S PARTICIPATORY INITIATIVE TO PUBLIC SPACE DESIGN INVOLVING RESIDENTS, REFUGEES AND LOCAL AUTHORITIES: THE CASE OF NABAA', BOURJ HAMMOUD, LEBANON Mady Christine	3299
ALONG THE RIVER CORMOR, RE-LINKING LANDSCAPES AND PUBLIC FACILITIES IN THE REGION FRIULI VENEZIA GIULIA Cigalotto Paola, Marchigiani Elena	3312
WHO LIVES HERITAGE: INVESTIGATION ON THE IMPACT OF TOURISM FLOWS AND HERITAGE PROTECTION IN THE USE OF PUBLIC SPACE Amato Chiara, Mondelli Francesca Paola	3335



Table of Contents

PUBLIC SPACE AS PROTEST SPACE: BETWEEN VISIBILITY AND INSECURITY Neumann Ute	3346
URBAN REGENERATION AND (OVER) TOURISM IN CHINA: EXPLORING ALTERNATIVE TRACKS IN SUZHOU'S HISTORIC CENTRE Nolf Christian, Wang Yiwen, Liu Mengchuan	3362
UNBALANCED DEVELOPMENT AND PERIPHERALISATION PROCESSES: A TESTING PHASE TO MAP STUDIES Oppido Stefania, Ragozino Stefania	3381
THE BUILT ENVIRONMENT AND ACTIVE LIFE-STYLES IN OLDER ADULTS: AN ANALYSIS OF THE LOCATION OF CARE SERVICES IN PORTUGAL Santinha Gonçalo, Wolf Jan, Costa Catarina	3394
NEGOTIATED PUBLIC: INVESTIGATING THE STREETScape OF BEIJING'S OLD CITY Sun Wenwen	3400
STUDY ON THE CHARACTERISTICS AND CHANGES OF STREET CULTURAL ATTRIBUTES IN MINGCHENG DISTRICT OF XI'AN Tian Bowen, Lei Yumen	3408
EXPLORING PORT-CITY RELATIONSHIPS THROUGH EVENT-LED URBAN REGENERATION Tommaschi Enrico	3423
SPACES FOR TOURISM, VENICE PLANNING TOPOGRAPHIES Velo Luca	3435
THE IMPACT OF CULTURAL CREATIVE INDUSTRIES AND TOURISM DEVELOPMENT ON THE AUTHENTICITY OF HISTORIC DISTRICT FROM THE PERSPECTIVE OF SPATIAL PRODUCTION: A CASE STUDY OF TIANZIFANG, SHANGHAI Xu Hui	3444
CHARACTERISTICS IN THE SPACE RESHAPING OF CREATIVE CLUSTER DURING GENTRIFICATION: THE CASE OF TIANZIFANG IN SHANGHAI Yang Yi	3452
PRIVATIZATION, MARGINALIZATION AND REUSE OF WATERFRONT SPACE IN NEW TOWN - TAKING ZHANGJIANG SCIENCE CITY ZHONGSHI UNIT AS AN EXAMPLE Zhang Shuhan, Zhang Hanghua	3461
"PRELIMINARY STUDY ON THE RENEWAL STRATEGY OF THE NEW ESTATE FOR WORKERS:FROM THE PERSPECTIVE OF PLACE-MAKING" Zhang Yuwei	3481
PA 17 Urban and Regional economics of transition	
WOMAN LABOR IN TRANSITION PROCESS FROM AGRICULTURE TO INDUSTRY SECTOR Çetin Reyçan	3496
IS THERE A HOUSING SHORTAGE? A POST-KEYNESIAN ECONOMICS APPROACH TO THE FINANCIALISATION OF HOUSING IN ENGLAND Grace Richard	3507
THE ROLE OF TAIWAN'S INDUSTRIAL DIVERSITY IN REGIONAL EMPLOYMENT GROWTH - A COMPARATIVE STUDY ON DIGITAL ECONOMY INDUSTRY AND CULTURAL INNOVATION INDUSTRY Huang Chung-Chun, Lin Cheng-Yi	3523
FINANCIAL OR SOCIETAL RETURNS? EXPLORING THE AMBIGUOUS ROLE OF INTERMUNICIPAL ENERGY COMPANY FLUVIUS IN THE ENERGY TRANSITION IN FLANDERS Juwet Griet, Deruytter Laura	3536
EXAMINING THE REGIONAL SPATIAL SPILLOVER EFFECT OF HOUSING PRICE IN TAIWAN - AN APPLICATION OF HOUSING PANEL DATA Chen Yen-Jong, Tuan Pi-Wen, Liang Yung-Han	3553
USING VALUE-ADDED HIERARCHY METHOD TO ANALYZE INDUSTRIAL SPATIAL PATTERN IN THE BACKGROUND OF ECONOMIC TRANSITION -- A CASE OF GUANZHONG PLAIN URBAN CLUSTER IN CHINA Wang Xueyan, Zhou Yeyuan	3565



SP 18 Transition histories

PROGRESS IN THE NINETEENTH-CENTURY: PLANNING, BUILDING AND MANAGING THE MODERN URBAN INFRASTRUCTURES IN COIMBRA Calmeiro Margarida	3580
BACK TO THE PAST? TRAM CITY, MOTOPIA AND LIGHT RAIL COMMERCIALISM IN CANBERRA Fischer Karl Friedhelm, Weirick James	3590
ALBERTO SARTORIS: TRANSITIONS TO A POSSIBLE URBAN UTOPIA (1922-1989) Gavello Cinzia	3602
TWENTIETH CENTURY TECHNOCRACY - A TRANSITION ABORTED Hebbert Michael	3613
RE-POSITIONING AFTER THE FALL OF THE GERMAN WALL: WORLD TRADE CENTERS DEVELOPMENT IN CITIES OF THE FORMER GERMAN DEMOCRATIC REPUBLIC: ROSTOCK, DRESDEN AND FRANKFURT (ODER) Leconte Uta	3627
THE TRANSITION URBAN PLANNING HISTORY OF LISBON METROPOLITAN AREA Marat-Mendes Teresa, Cunha Borges João	3635
NAPLES IN TRANSITION: A MULTIDIMENSIONAL DECISIONMAKING PROCESS FOR THE NAPLES PORT AREA SUSTAINABLE DEVELOPMENT Cerreto Maria, Regalbutto Stefania	3656
WHITE REVOLUTION: PLANNING SOFT TRANSITION TO STATE SOCIALISM Zaferani Azadeh	3669

SP 19 Urban tourism, neighbourhood change and social conflicts

PLACING SLUMS IN THE GLOBALIZED TOURIST CITY: A PERFORMATIVITY AND ACTOR-NETWORK APPROACH Altamirano Eugenia	3683
WHOSE HERITAGE? CHALLENGES COMING FROM TURNING CITIES AS TOURIST PLACES Calmeiro Margarida, Gonçalves Adelino	3698

SP 22 Planning and designing green infrastructures

GREEN INFRASTRUCTURE: FROM BENEFITS TO PLANNING Alberico Simonetta, Vayr Paola	3707
THE ANIENE RIVER: A GREEN INFRASTRUCTURE TO SET UP A METROPOLITAN STRATEGY D'Ascanio Romina, Palazzo Anna Laura	3720
MILTON KEYNES: THE "FOREST CITY" Forget Malaury	3728
WHEN CONSTRAINTS BECOME ASSETS IN THE DESIGN OF BLUEGREEN INFRASTRUCTURES: AN INSIGHT FROM TWO CASES IN THE WESTERN PART OF FRANCE (LOIRE RIVER BASIN) Fournier Marie, Bonnefond Mathieu	3741
FARMING IN A CITY WITHOUT FARMLANDS. CADASTRAL MAPPING OF AGRICULTURE IN TURIN AND EARLY ASSESSMENT OF MULTIFUNCTIONALITY VIABILITY Greco Mirko	3749
LANDSCAPE AND ECOLOGICAL NETWORKS IN URBAN PLANNING: TECHNICAL STANDARDS FOR IMPLEMENTATION La Riccia Luigi	3771



Table of Contents

NATURE-BASED SOLUTIONS: NEW CHALLENGES FOR URBAN PLANNING Longato Davide, Geneletti Davide	3785
--	-------------

ECOSYSTEM SERVICE EVALUATION FOR LANDSCAPE DESIGN: THE PROJECT OF A RURAL PERI-URBAN PARK AS A NODE OF THE LOCAL GREEN INFRASTRUCTURE Allocco Marco, Murgese Davide, Quaglio Giorgio, Salizzoni Emma	3793
--	-------------

SP 23 Land development and management in post-socialist countries

ÚZEMNÍ PLÁNOVÁNÍ VS. GENERALBEBAUUNGSPLANUNG: A COMPARISON OF PLANNING CONCEPTS AND PRACTICES BETWEEN THE FORMER CZECHOSLOVAKIA AND THE GERMAN DEMOCRATIC REPUBLIC Arzmi Azmah	3802
--	-------------

TOWARDS COMPREHENSIVE AND INTEGRATED LAND MANAGEMENT PRACTICES IN ALBANIA. HOW CAN THE NEW PARADIGMATIC SHIFT IN LAND USE PLANNING AND GROWTH MANAGEMENT FOSTER A POSITIVE IMPACT ON LOCAL FINANCES AND THE TAX BASE? THE CASE OF MUNICIPALITY OF TIRANA. Dhrami Kejt, Imami Fiona	3818
--	-------------

APPLICATION AND VERIFICATION OF MUNICIPAL ADMINISTRATIVE AREAS SPATIAL ZONING MODEL IN NEW TOWN LOCATION SELECTION Zhao Yujing, Leng Hong, Yuan Qing, Sun Pingjun	3839
---	-------------

SP 24 Home sharing. short-term rentals affecting local housing markets

BUILT COMMONS: RECLAIMING THE SHARING ECONOMY Petkova Ioana	3854
---	-------------

SP 25 Dynamic change, uncertainty and planning for adaptivity

SPONTANEOUS LIVING SPACES – DWELLINGS AND SETTLEMENTS IN PEMBA (MOZAMBIQUE) A TYPO-MORPHOLOGICAL ANALYSIS IN CHANGING URBAN ENVIRONMENTS Del Bianco Corinna	3865
---	-------------

SP 26 Space, citizenship and identity: the eu-mena region

THE JERICHO GATE PROJECT: PLANNING CHALLENGES AND POLITICAL STRUGGLES AROUND A MEGAPROJECT IN THE OLDEST CITY IN THE WORLD Isayed Mohammed	3883
--	-------------

SP 27 The role of the local in improving cohesion and spatial justice

THE PLA DE BARRIS: A REMARKABLE CASE OF PLACE-SENSITIVE TERRITORIAL POLICY Peverini Marco	3898
---	-------------

THEMATIC VILLAGES AS THE EXAMPLE OF NEO-ENDOGENOUS LOCAL DEVELOPMENT IN RURAL AREAS Tobiasz-Lis Paulina	3908
---	-------------

SP 28 Friendly spaces and mobility for ageing

ELDERLY PEDESTRIANS, AGED >65 YEARS, DURING WINTERTIME - ATTITUDES TOWARDS WALKING OUTDOORS, SAFETY EQUIPMENT AND EXPERIENCES OF FALLS. A COMPARISON WITH HEALTHY ADULTS. Berggård Glenn	3921
---	-------------



Table of Contents

OLD AGE-RELATED STEREOTYPES, INCLUSION AND THE DEVELOPMENT OF 'AGE APPROPRIATE' NEIGHBOURHOODS Fabian Carlo	3925
FRIENDLY AND ACCESSIBLE PUBLIC SPACES: THE VENETIAN CASE Revellini Rosaria, Tatano Valeria, Condotta Massimiliano	3934
MOBI-AGE: PROMOTING URBAN MOBILITY IN AGEING POPULATIONS Ribeiro Anabela, Bastos Ana, Brandão Alves Fernando, Cruz Sara, Cunha Inês, Martins João Pedro	3946
IS ACTIVE AGEING A REALITY FOR LOCAL POLICIES? A DISCUSSION BASED ON THE PORTUGUESE CONTEXT Fernandes Alexandre, Santinha Gonçalo, Diogo Sara, Forte Teresa	3955

SP 29 Emerging spatialities and eu policy instruments: cases and perspectives

EU URBAN STRATEGIES 2014-2020: EXPLORING THE FUNCTIONAL AREA APPROACH Fioretti Carlotta, Pertoldi Martina	3966
HOW TO CONNECT FREIGHT LOGISTICS, PERSONS MOBILITY, AND SPATIAL PLANNING IN AND BETWEEN URBAN REGIONS? PERSPECTIVES FROM DIFFERENT EUROPEAN URBAN NODES ON TEN-T CORRIDORS Linszen Raymond, De Bruijn Martijn, Poppeliers Ricardo, Arts Jos	3980
THE PLA DE BARRIS: A REMARKABLE CASE OF PLACE-SENSITIVE TERRITORIAL POLICY Pezerini Marco	3992

SP 30 Facing migrants exclusionary urban policies

LANDING: HOW PRACTICES OF TEMPORARY HOSPITALITY CHALLENGE URBAN SPACES AND POLICIES Bovo Martina	4003
URBAN INCLUSION OF REFUGEES AND VULNERABLE MIGRANTS IN PORTUGAL Leiria Viegas Sílvia	4014

SP 31 Learning loops in the public realm. Enabling social learning in communities to tackle the challenges of cities in transition

TRANSPPOSITION OF ADVOCACY EXPERIENCE AS TRIPLE-LOOP SOCIAL LEARNING IN ALBANIA: FIGHTING HPPS IN PROTECTED AREAS FROM THE VJOSA RIVER BASIN TO THE CANYONS OF OSUMI Bekteshi Arba, Misho Erinda	4024
A PARTICIPATORY APPROACH TO SOCIETAL COST BENEFIT ANALYSIS (SCBA) AS A WAY TO START THE DEBATE ON TRANSFORMING RESIDENTIAL SUBDIVISIONS Custers Lieve, Devisch Oswald, Huybrechts Liesbeth	4035
EVIDENCE-BASED URBAN DEVELOPMENTAL: BEYOND THE URBAN ANECDOTES. THE NEED OF GOING BEYOND ANECDOTAL KNOWLEDGE IN URBAN PLANNING Forsemalm Joakim, Johansson Magnus	4044
CO-CREATION A WAY OF SUPPORTING DEVELOPMENT OF NEIGHBOURHOODLEVEL TRANSPORT INNOVATIONS Haufe Nadine, Großmann Astrid	4058
LEARNING THROUGH CO-CREATION: HOW TO SOLVE URBAN PROBLEMS WITH CITIZENS Keseru Imre, Pappers Jesse, Evans James, Astbury Janice, Condotta Massimiliano, Ravetz Joe, Scanagatta Chiara, Macharis Cathy	4068
PARTICIPATORY SENSING WITHIN CO-CREATION: IMPROVING THE TRANSFORMATION OF THE URBAN ENVIRONMENT. THE VERONA CASE INSIDE THE LOOPER PROJECT Condotta Massimiliano, Scanagatta Chiara, Borga Giovanni, Ruggeri Paolo, De Maria Michela, Peron Fabio	4083



SP 32 Planning and biodiversity

SOIL ECOSYSTEM SERVICES ASSESSMENT TO SUPPORT LAND USE PLANNING - APPLICATIONS IN ITALY AND A REFLECTION FOR THE FUTURE	4102
Assennato Francesca, Strollo Andrea, D'Antona Marco, De Fioravante Paolo, Cavalli Alice, Munafò Michele	

SPATIAL PLANNING IN VIEW OF NEW CHALLENGES: LAND TAKE AND SOME EVIDENCE FROM GREECE	4115
Thoidou Elisavet, Foutakis Dimitris	

SP 34 Spatial tensions: urban microgeographies for changing cities

MOTIONLESS MOVEMENT - THE BRAZILIAN URBAN CRISIS FROM THE CREATION OF THE MINISTRY OF CITIES TO THE GREAT PROTESTS OF 2013	4127
Andrés Roberto	

FEAR AND SEGREGATION: ANXIETY BEYOND THE GATED COMMUNITIES. THE COSTA RICAN CASE.	4139
Barrantes Chaves Karla	

LOFTS DISTRICTS IN MILAN. OVERLAPPING TENSIONS BETWEEN USES AND REGULATIONS. INSTRUMENTS FOR URBAN AND ARCHITECTURAL DESIGN	4147
D'Armento Stefano	

DESIGN EXPERIMENTATION IN A CONTEXT OF CULTURAL DIVISION: THE CASE OF AHMEDABAD	4159
Gualdrini Giovanni	

RESISTING GENTRIFICATION. SOCIO-SPATIAL DYNAMICS OF THREE WORK PLACES IN BRUSSELS	4172
Lenna Verena, Martin Sanchez Luis Antonio	

URBAN CRISIS STORYTELLING: IDIOMS AND FORMS OF CITY'S EQUILIBRIUM INTEGRATING THE UNCERTAINTY	4185
Pietropaoli Martina	

SP 36 Acsp-aesop special session: learning from Arnstein's ladder: from citizen participation to public engagement

ENGAGING NON-CITIZENS IN AN AGE OF UNCERTAINTY: LESSONS FROM IMMIGRANT-SERVING NONPROFITS IN LOS ANGELES COUNTY	4196
Lee C. Aujean	

CITIZEN PARTICIPATION IN TRANSITIONAL SOCIETY: AN EVOLUTION OF PARTICIPATORY PLANNING IN SERBIA	4218
Peric Ana	

SP 37 Smart cities and regions informing the energy transition

THE NOTION OF SOCIOTECHNICAL SYSTEM IN THE PLANNING PROCESS OF A SMART REGION	4234
Balest Jessica, Garegnani Giulia, Pisani Elena, Secco Laura, Vettorato Daniele	

SPATIAL-BASED SCENARIO ANALYSIS FOR THE SMART ENERGY TRANSITION	4242
D'Alonzo Valentina, Vettorato Daniele, Zambelli Pietro	

THE ENERGY JUSTICE TOOL SUITE: AN INTERDISCIPLINARY AND COMPREHENSIVE METHOD FOR ENERGY TRANSITION TERRITORIALIZATION	4250
Henriot Carine, Artis Amélie, Molines Nathalie, Seigneuret Natacha, Antaluca Eduard, Lamarque Fabien, Martin Ewa	



Table of Contents

SMART ENERGY TRANSITION: EVALUATION OF CITIES IN SOUTH KOREA	4261
Lim Yirang, Edelenbos Jurian, Gianoli Alberto	
REVIEW OF DISTRICT HEATING SYSTEMS IN ITALY FOR FUTURE ENHANCEMENT	4278
Teso Lorenzo, Dalla Mora Tiziano, Romagnoni Piercarlo, Gasparella Andrea	

SP 38 Maritime spatial planning (msp) in europe: challenges in transition

CONCEPTUAL APPROACHES OF MARITIME SPATIAL PLANNING. PRINCIPLES AND PLANNING PARAMETERS	4295
Rampavila Mary, Avgerinou – Kolonias Sophia	
MANAGEMENT PLANS OF NATURA 2000 SITES AND COASTAL LAND USE PLANS: A STUDY CONCERNING AN INTEGRATED APPROACH TO MANAGEMENT OF COASTAL ZONES IN THE SULCIS AREA (SARDINIA, ITALY)	4305
Leone Federica, Zoppi Corrado	

SP 39 Shrinking cities and sustainability

DIALECTICAL UNDERSTANDING ON URBAN SHRINKAGE AND GROWTH IN CHINA: TAKING THE OLD INDUSTRIAL BASE CITIES IN NORTHEASTERN CHINA AS AN EXAMPLE	4316
Hu Qimin, Yang Fan	
A STUDY ON CHINA'S COUNTY SPORTS CENTER PLANNING STRATEGY FROM SMART SHRINKAGE PERSPECTIVE	4329
liang Bin, Wang Yang	
DEINDUSTRIALIZATION AND URBAN SHRINKAGE. ACHIEVING URBAN SUSTAINABILITY IN FORMER INDUSTRIAL CITIES IN FRANCE: THE CASE STUDIES OF NANTES AND SAINT-OUEN	4338
Toura Varvara	
DISCUSSION ON THE FACTORS OF SUSTAINABLE URBAN GROWTH IN SHRINKING REGION: CASE STUDY OF EUCALYPTUS HILLS IN THE CITY OF SAKURA DEVELOPED BY THE PRIVATE DEVELOPER YAMAMAN	4357
Uemura Tetsuji	
TIME SERIES OF URBAN SHRINKAGE ELEMENTS IN COALEXHAUSTED CITIES: A CASE STUDY OF TWO TYPICAL CITIES IN NORTHEAST CHINA	4380
Zhang Jie, Zhao Zhiqing, Li Peilun	

SP 40 Regional design: impacts on territorial governance and planning practice

FUELLING ENERGY-TRANSITION WITH REGIONAL DESIGN-ATELIERS	4393
Kempenaar Annet, Pleijte Marcel, Van Buuren Michael	
LAND TAKE AND REGIONAL PLANNING: PROMOTING SUSTAINABLE SETTLEMENT DEVELOPMENT IN URBAN REGIONS	4400
Wahrhusen Nina	
REGIONAL STRATEGY DESIGN – ADDRESSING TRANSFORMATIONS IN MULTIPLE WAYS	4410
Wirth Timo Matti	

SP 41 The darker sides of smart city development

DIGITAL PARTICIPATORY PLANNING TOOLS HELPFUL SIDE AND SIDE EFFECTS	4430
Shahin Anas	

Transforming built heritage and landscape

Invisible projects: imagined nearness as a tool to explore long-term transitions of landscape/heritage. The case of the river Tiber in Rome

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Abstract: How to deal with landscapes (and heritage) whose transformation has only been imagined by built environment disciplines for more than a century? How can long-term transitions of landscapes/heritage be explored to better understand a territory? This paper focuses on invisible projects: imagined transformations that have been developed for the Tiber riverbanks, in the historic centre of the city of Rome. The “massive change” determined by the construction of the riverbanks, at the end of the Nineteenth century, is here taken as a starting point for a process of long-term transition for the landscape/heritage of the Tiber, in its relationship with Rome historic centre. Such a change has physically modified the perception of the river in the city, with the construction of two embankment walls along the river. Because of this change, planners and designers have had difficulties in rethinking a role for the Tiber riverbanks. This can be linked to a lack of effective analytical tools to address the (sometimes invisible) existing dynamics that occur in and towards the area. The concept of nearness will be introduced to investigate a number of narratives, representations and collective memories partaking on the construction of positions/points of view of who practices a place.

Keywords: landscape/heritage; long-term transitions; nearness; imaginary; Tiber.

Introduction

This paper aims to discuss possible ways to explore long-term transition of landscape/heritage in order to better understand transformation processes that are still continuing nowadays. This will be questioned through a case study whose long-term transition includes numerous transformation that have only been imagined by built environment disciplines for more than a century. I will focus on invisible projects: imagined transformations developed for the Tiber embankments, in the historical centre of the city of Rome.

The construction of the embankments of the river Tiber, in its section crossing the historical centre of the city of Rome, might seem to have determined an arrest in designing further transformations for it. Beginning from the early 1900's the river started its life across the city about 10 metres below the new urban level, leaving a physical gap with the rest of the city. The size of this transformation, that many have pointed as a terrible mistake for a synergetic development of the city with its river (D'Onofrio, 1970, Ravaglioli, 1982), seemed to have ended a possible further development, or at least a feasible further transformation.



Nevertheless, ideas, desires and aspirations (most of which impossible to put into practice) were not prevented from being produced, leading to a body of information regarding how such projects faced material and immaterial¹ obstacles to an actual transformation of the river embankments. This paper aims to discuss in which sense looking at projects apparently invisible, since never actually put into practice, can be of interest for built environment studies. The reasons for this are not to be found uniquely among analytical purposes: such a study can also lead to better understand transformation processes that are being carried on nowadays and possibly future processes too.

I will try to focus on these imagined transformations inquiring how material and immaterial dimensions have been integrated into these projects for the river embankments. In particular, I will introduce the concept of 'nearness' to investigate a number of narratives, representations and collective memories partaking on the construction of positions/points of view of who practices a place. This concept will be used as a tool to gather knowledge on how elements like representations and collective memories have been employed in an integrated way with more physical, visible aspects of a same place through time, as well as looking at how this integration has changed through time. Beginning from transformation proposals for the river elaborated between the end of the XIX century and the beginning of the 1900's, I will then look at some proposals from the 1960's and 1980's. I will then draw some conclusions on the concept of nearness for future uses.

A "massive change"

The current appearance of the riverfront running through Rome historical city centre was shaped, in its main features² following an exceptional flood occurred in December 1870, only a few months after the city was declared part of the Kingdom of Italy and subsequently capital city of Italy (Pasquali, Rossi, 1987). The first official discussions regarding urban transformations of the new-born capital happened to be about the future of the river in the city, so to respond to the effect of the recent flood. A specific commission was set to examine possible solutions to the river periodically flooding the city (ibid.). The commission focused on two directions of transformation: on one hand the construction of embankment walls high enough to prevent the river to flood, on the other hand options of deviations of the riverbed outside the city. This second option was eventually discarded by the commission, but it nonetheless produced several proposals, among which an idea fostered by Giuseppe Garibaldi, one of the main figures of the Italian unification. Starting from 1872, Garibaldi began to take an interest in the possible future structure of the Tiber, studying, unlike previous projects, a territorial scale solution that would have implied the reclamation of an extended area surrounding the city (Agro Romano). This project focused on the complete deviation of the Tiber and Aniene (its main tributary in the urban area) through a canal that would have crossed the areas east of Rome so to enter the Tiber again south of its urban area, as shown in figure 1. The urban stretch of the river would have been abandoned, with the intent to allow a small amount of water to flow through a complex hydraulic machines system (Pasquali, Rossi, 1987). This proposal imagined a parallel industrial development in the southern part of the city (ibid.) where it will be realized part of the few industrial interventions of the city.

¹ The terms material and immaterial are here understood according to a common sense meaning, for which material would be related to objects, constructions, buildings and, in short, what is tangible, while immaterial would be related to the history, memory, culture and social relations that meet in a particular place.

² Some elements of the current layout will be added later, like a riverside walk on both sides of the river in the 1950's (Insolera, 2011).



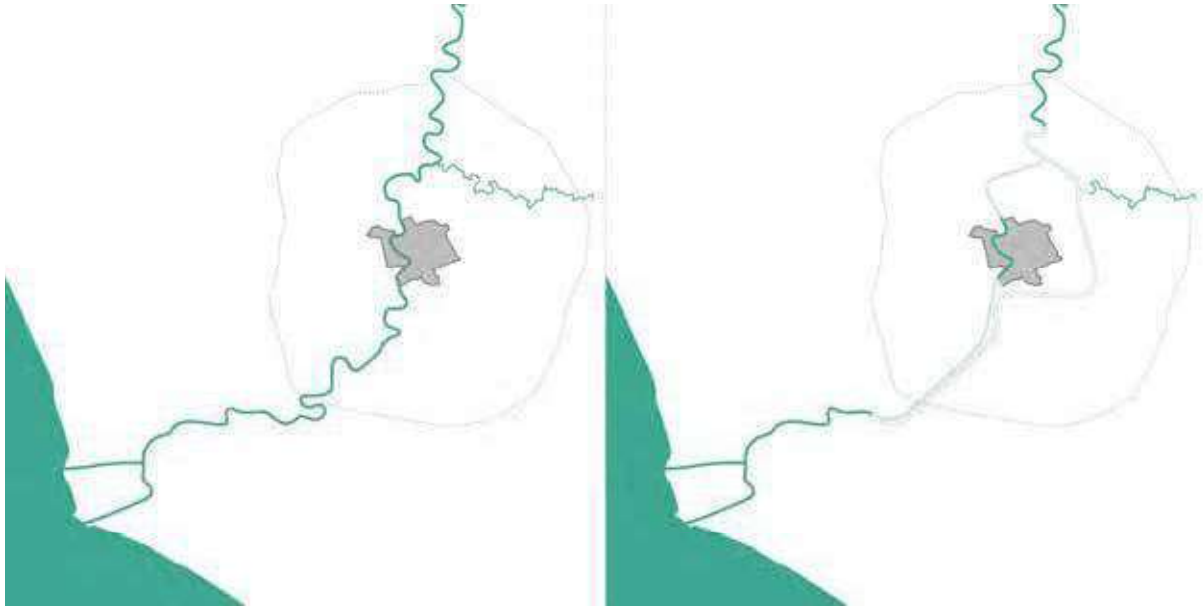


Figure 1. The course of the river as it was preserved (on the left) and the deviations of course of the river as they were imagined by one of Garibaldi's proposals (on the right). Drawing by the author

On that occasion, the construction of the embankment walls was preferred to the development of an industrial future, choosing to focus uniquely on the protection of the city from the river floods.

The approved project included, among others, the following points:

- the construction of 10 meters high walls along the banks;
- the definition of a constant width of the riverbed, fixed at 100 meters;
- the realization of two *lungotevere*, embankment streets at the new urban level (10 meters above the river);
- the construction of two collectors below the *lungotevere* that would have ensured the separation of the inland waters from those of the River (Ravaglioli, 1982).

Despite this, not even twenty years after this decision, a new scenario seemed to reopen for a possible industrial development. In fact, a new river port was planned, less than a kilometre northern the port of Ripetta, now covered by the construction of the embankment walls. This port already present in the Italian Geographic institute map of Roma of 1891 (Segarra Lagunes, 2004), was meant to be a part of a new industrial development, given the presence of a gasometer along the river and industrial settlements like a foundry and a tannery. This development was only for a short period part of the plans of the city: a few years later, the new urban regulations (1909) would have determined a residential end use for that area, leading to the demolition/dismissions of the industrial settlement to be replaced by a new neighbourhood (Flaminio) (ibid.). The river port nonetheless still remains, having though lost its purposes.

The physicality of the embankment walls did not stop, even during the XX century, the production of new urban imaginaries for alternative solutions. Between the 1960's and 1980's several projects were developed to offer

alternative visions to the material “gap” produced by the embankments³. Among others, two proposals (one by Paolo Portoghesi and Pierluigi Erolì and the other by Leonardo Benevolo) developed a plan addressing this issue, leading to extremely different conclusions.

The project by Portoghesi and Erolì is part of a collection of projects elaborated in individual and collective ways during their careers (Erolì and Portoghesi 1984). This collection produced through the years is meant to create a dialogue between the actual form of the city and "a second city. Conceived by the same architects of the first, made by their ideas, tensions, secret passions accumulated over time". The purpose of this dialogue would be to "reduce the distance between these two cities" to "bring the world of aspirations closer to that of reality" (ibid.: 7, my translation). This collection aims to formulate a proposal to imagine a transformation strategy for the city of Rome. This strategy finds one of its main principles in the development of the Tiber into an "equipped" urban axis (figure 2). The banks of the river are imagined in most of the cases without the walls built in the Nineteenth Century so to give space to the "reconstruction" (ibid.) of buildings (for both residential and service/commercial use) along the banks, that are removed in order to proceed with the embankments. Removing the embankments was also meant to allow the resurface of parts of the city that were covered by the embankments, like the old river port of Ripetta, which in this project is reconstructed as it used to be.



Figure 2. The strategy along the river according to Erolì and Portoghesi (1984).

In 1977, Leonardo Benevolo proposed, within the book “Roma oggi”, a strategy of intervention for the historical centre of Rome, containing a specific strategy for the river. This consisted in the elaboration of a linear park that would have replaced the entire length of the embankment walls (figure 3). Such operation would have brought back on the surface not only the old river port of Ripetta, but also traces of the ancient Roman roads, now

³ For more design proposals addressing the river embankments see Muratore, 1983 and Purini et al, 1987.

hidden. The author describes this proposal as a “liberation” (Benevolo 1977) of the riverbanks, aiming to connect the city level with the river level through a long park for leisure activities.

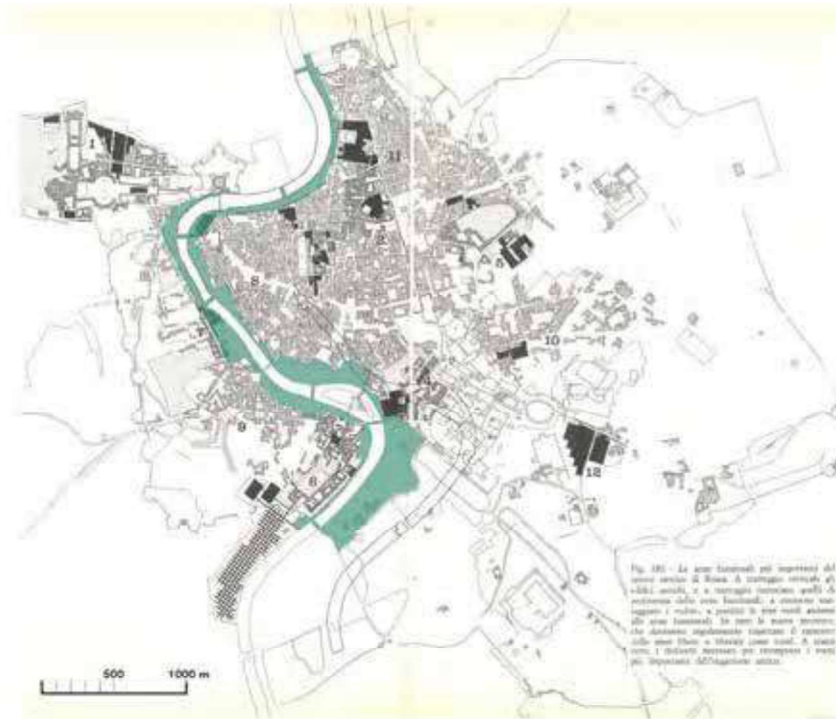


Figure 3. The strategy along the river according to Benevolo (1977).

Even though always trying to imagine alternative functions and roles for the river in the historical city, proposals have always struggled to balance the definition of new uses for the river with its historical and memorial value, leading to a reinforcement of the latter in the ways the future of the river has been thought. How can we better understand the relations underneath these proposals so to gain useful information for nowadays processes towards an actual (and not only imagined) transformation of the river? In the following section, a possible methodological tools will be discussed so to question what types of relations can be found between who have practiced the riverbanks in different ways (beginning from planners/designers who have tried during the last century to imagine a future transformation of the banks) and the place itself. The concept of nearness will be introduced to investigate a number of narratives, representations and collective memories partaking on the construction of positions/points of view of who practices a place.

Nearness

How are we “near” things or places? How the design proposals introduced in the previous section made emerge a relation with a place (the riverfront). Such relations cannot be limited to physical ones: the imagined solutions necessarily dealt, for instance, with historical and memorial issues. Through the idea of nearness, physical, material instances of the design proposals will be put in relation with immaterial, “invisible” aspects nevertheless present in those proposals. The concept of nearness will be here discussed through the work of Buchli (2010, 2013) on propinquity, Hall (1966) on proxemics and Low (2011, 2014, 2017) on embodiment and Altman and Low (1992) on place attachment.

The word nearness is used by Buchli (2010, 2013) to explain the ways a person or a group can feel attached to a place or thing. To explore this, he theorises the concept of propinquity (Buchli, 2010, 2013). This concerns not only a spatially referred nearness but a wider range of relationships with a specific place. Propinquity can be linked to nearness of personal relationships, of association, affinity, time, but it can also be related to narratives, stories (ibid.).

To understand the concept of nearness, it is useful to look at Edward T. Hall's (1966) concept of proxemics. This highlights the spatial distances people use according to different social relations. Analysing the distance receptors of our senses, being eyes, ears and nose (Hall, 1966, also quoted in Gehl 2011), Hall theorized four types of interpersonal distance: intimate (between 0 and 45 centimetres: the distance of personal feelings), personal (0,45 to 1,30 metres: the distance we use with close friends and family), social (1,30 to 3,75 metres: the distance we use for conversations with friends, colleagues, people we meet on the street) and public distance (over 3,75 metres: the distance for formal contexts) (Hall, 1966).

The concepts of embodiment, and embodied space⁴, (Low, 2011, 2014, 2017) and place attachment (Altman and Low, 1992) are also useful concepts to understand nearness. Embodiment, (ibid.) expresses "the location where human experience and consciousness take on material and spatial form" (Low, 2011: 467). The focus is centred on the actor, rather than on space: the actor's feeling, past experiences and thoughts are a means to give meaning to a place (ibid.). Place attachment (Altman and Low, 1992) underlines how place incorporates both individual and collective experiences and memories (ibid.). Place is not necessarily considered the final aim of attachment, but rather a mean that incorporates our experiences, with no distinction between the individual and the group (ibid.).

The word nearness has been chosen for its ambivalent stance between the physicality of place and its "intangibility", allowing to decline it as the set of knowledge, competences and resources on which the position of those who practice a place with respect of the same is constructed. It is therefore a feeling of appropriation and at the same time a proxemic of the individual towards a place. One's nearness to a place, therefore one's own position, also determines one's own point of view and, consequently, interpretation of a place, also generating the possibilities of use which have been imagined for it. This concept will be now put to the test on the case study of the river, as introduced in the previous section.

Invisible projects

In this section, the concept of nearness will be discussed through the analysis of two design proposals for the river, one by Erolì and Portoghesi (1984) and one by Benevolo (1977) previously introduced. In both cases, the focus will be drawn on the specific proposals for the area surrounding the Ripetta river port, covered by the embankment walls. The analysis will underline the main elements of the proposals in relations to the uses that these imagined transformations would have brought and some of the immaterial qualities that have fostered those material changes. This will help to understand a network of relations, "nearness", some tighter than others, representing the positions one could have, according to the proposals, towards material and immaterial qualities of the place.

Erolì and Portoghesi's proposal focuses on five main elements: the first is the Tiber river; the second is obviously the port of Ripetta, which is rebuilt since its archaeology; the third element that we can identify are the boats, which in the intentions of the designer should cross the river making base on the renewed port; the fourth element is the construction of dwellings and services conceived by the authors to replace the current

⁴ Low explains that "the body (bodies), conceptualized as embodied space(s), incorporates metaphors, ideology, and language, as well as behaviours, habits, skills, and spatial orientation derived from global discourses and faraway places [...] and yet is grounded at any one moment in an urban location" (Low, 2011: 464).



embankment walls; the fifth element is finally constituted by the same embankment walls, which are partially kept to constitute the boundary and the visual horizon of the area drawn in the view (figure 4).

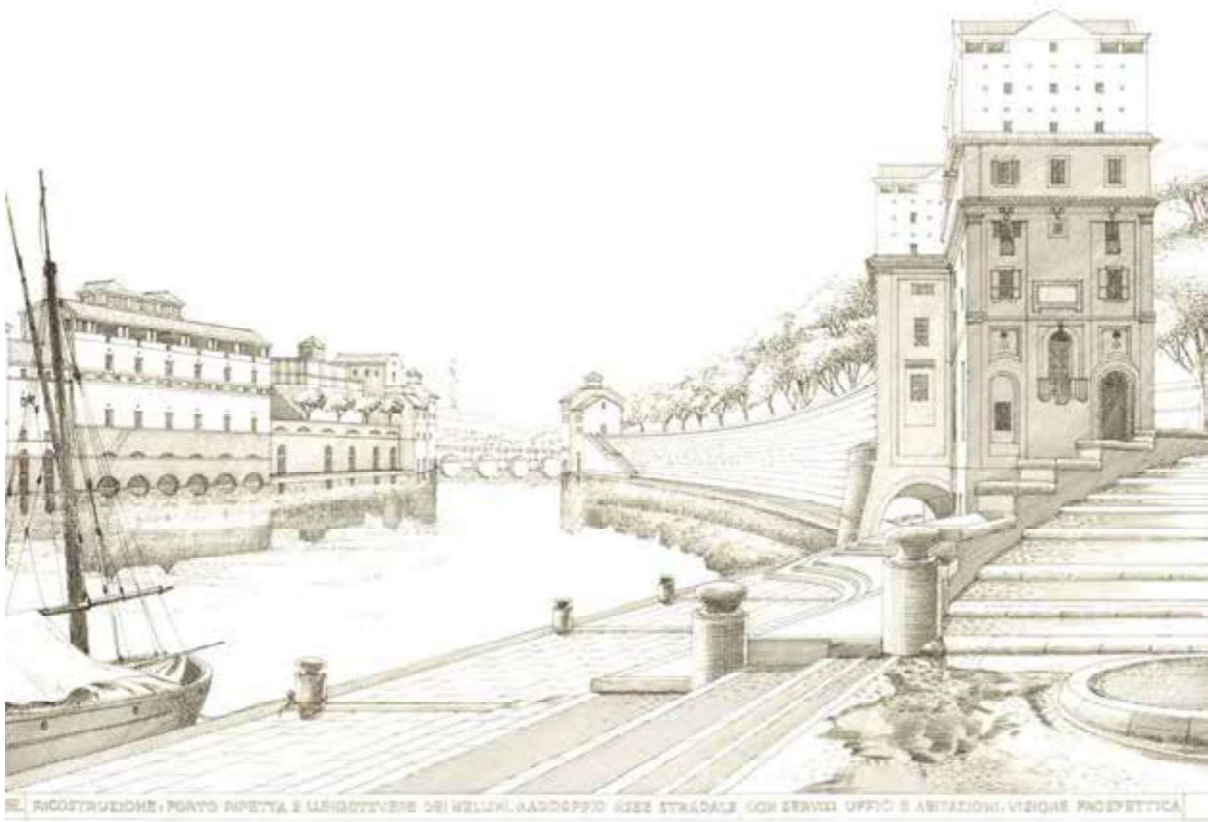


Figure 4. The reconstruction of the Ripetta river port (Eroli and Portoghesi, 1984).

Through a nostalgic reconstruction of the river port of Ripetta this element is reconnected to the hypothesis of commercial and leisure uses, as the presence of boats also. The dwellings along the river have the clear purpose to be inhabited and to provide services to the surrounding areas. The walls on the other side, seems to remain the visual horizon of this scene, without however seeming connected by any kind of use to the river or other spatial elements present. Looking at the uses related to each of these spatial elements, we can then try to imagine what immaterial qualities, according to the proposals, should have been connected or incorporated to the various elements.

In the description of the whole "renovatio urbis" operation (Eroli and Portoghesi, 1984), the two authors make a broad and clear reference to memorial issues, to the (re)foundational meaning of the place constituted by the restoration of a precise ancient monument or archaeological finding, that is the port of Ripetta. The latter therefore seems clearly to be distinguished by the ability to evoke an evenemential history, that is the city's past, but also to evoke collective memories of a past that, even at the time of the proposal, was not so recent but still deeply present in narratives of the relationship between the Tiber and the city. These capacities to evoke the history and memory of the place held by the port are shared with the river, which is an integral part of this narrative. To some extent, also the walls play a role in this process, playing, according to the authors, the "negative" role of having erased testimonies of how life along the river used to be (ibid.).

Collective memory of citizens is also embodied in these elements in different ways: if the river and the walls share the same memorial experiences and a common narrative, the port is only tangentially linked to them, as a "spectre" (de Certeau, 2001) of something that was no longer there and which must be recalled nostalgically.

The port and the boats are clearly connected by the idea of a possible exchange, mainly in a commercial sense but also in a broader sense of movement, while an idea of everyday life seems to unite the buildings on the river with the boats, which would share a same routinary "landscape" of use, even though they would not necessarily be connected otherwise. At this point, it is possible to understand the positions, both physical and ideal, that the individual could occupy within this so designed place, observing then that degrees of nearness the place would have offered him/her, who would then have to re-elaborate them based on his/her personal experience. The project seems almost divided into two blocks, with history, memory and nostalgic practices to have a preeminent part and struggling to integrate the physicality of buildings that are only a form landscape, having little effect on everyday experiences.

As the second proposal is concerned, the key element underlined by Benevolo (1977) is the idea of a linear park on both sides of the river, to replace the embankment walls. The main elements of this project are: first of all, the spatial element constituted by the park; secondly, the embankment walls themselves, paradoxically present in this proposal through their absence; an additional element can be identified in the port of Ripetta, which is also restored in this intervention; finally, the traces of ancient paths, also made reemerged as the river port.

The relationship with the walls becomes clearly non-existent given the disappearance of the latter in favor of the birth of the linear park, with which instead comes to constitute a connection through uses related to leisure. The same type of use related to free time and a nostalgic re-enactment connects the river with the ancient paths and with the port. The immaterial qualities to which these elements seem to be related are primarily aspects evoked by leisure: ideas of everyday life but also of affectivity towards a long river park that seems conceived to create a special experience in the everyday lives of the Romans. If the port is once again evoking ideas of exchange, it is the history and collective memory of place to have a prominent role, through the reconstruction of streets and ancient monuments, but also through the disappearance of the embankment walls that remain part of a memorial narrative of the place (and with its disappearance it becomes part of its past).

The history of Rome is proven once again to be one of the strongest traits uniting most of the spatial element of the proposal, building a symbolic link between the river, the port and the reemerged ancient paths. Tangentially, also the embankment walls are part of this relation, entering to be a part of the past, even if a less ancient past and, in a certain sense, less (rhetorically) prestigious. As mentioned earlier, great importance is given to the construction of a park which builds a strong connection with the river in terms of naturality, as well as in terms of daily use and no longer in terms of exceptional use. The work on the historical qualities of the place tries to connect with an attempt to build a daily atmosphere of use, defining a nearness to the place that is based on the combination of daily experience and historical re-enactment.

Conclusion

After a closer look to these "invisible projects", it is interesting to point out how they are not only design proposals remained on paper, but they are also part of processes that through the concept of nearness can be unveiled. Nearness is then a tool not only to analyse the qualities of those never realised projects, but also to underline ongoing processes that architectural and urban design are not able to grasp, like "involuntary" design processes that have a long-term development.

In the case of the river Tiber, the concept of nearness can be useful to highlight a predominant point of view that have been adopted (in more or less voluntary ways) to look at the river, especially the part crossing the historical centre of the city, which sees it "only" as a monument, symbolically and socially important, but almost impossible to "dwell". In order to think of a future for the river, it will be necessary to find a compromise between its monumental state and the declared necessity to use it, to inhabit it and stay close to it. In this sense, the concept of nearness is not meant to be only a tool for retroactive analysis, but also a tool to be put at work in contemporary and future designs.



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