

Table of contents – Inhaltsverzeichnis:

PREFACE	5
Manfred Schrenk	
A Concept of Geo-Facts for Online Discourse in “Postfactual” Times in the Context of Spatial Planning	13
Gerhard Navratil, Max Harnoncourt	
A Socio-ecological Approach to Assessing Physical Activities in Public Open Spaces of Alexandria City, Egypt	29
Esraa El Mashak, Rania Raslan, Hany Ayad	
Alte Idee, neu gedacht: Grünraumsponge Bisamberg – Gerasdorf – Norbert-Scheed-Wald	41
Martina Jauschneg, Christina Stockinger	
An Automated Verification Workflow for Planned Lighting Setups using BIM	55
Andreas Walch, Katharina Krösl, Christian Luksch, David Pichler, Thomas Pipp, Michael Schwärzler	
An Open Multi-user Platform in Support of Urban Development: the DATA WebGIS	67
Guglielmo Pristeri, Salvatore Pappalardo, Daniele Codato, Federico Gianoli, Massimo De Marchi	
Angsträume und Stressempfinden im urbanen Kontext	75
Fabian Schlosser, Peter Zeile	
Assessing Expanding Space Use versus Infill for Economic Activities	87
Wesley Gruijthuijsen, Thérèse Steenberghen, Dominique Vanneste, Jan Zaman, Inge Penninx, Sophie De Mulder, Koen Vermoesen, Eline Horemans	
ATTRACTIVE DANUBE Project – Territorial Attractiveness Analysis of the Danube Region	101
Ljiljana Živković, Blaž Barborič	
Automatisierte Detektion von Angsträumen und ihre Auswirkungen auf die nachhaltige Stadtentwicklung	113
Thorsten Kelm, Annette Becker, Ulrike Klein	
Big Data and Knowledge-based Urban System in Tehran	125
Vahide Ebrahimnia, Asrin Mahmoudpour	
City of the Future Constance: “Future City” – Quality instead of Square Meter	135
Sven Dübner, Lukas Esper, Felix Stroh	
City of the Future Ludwigsburg: Co-Creation in Urban Development Processes	141
Sven Dübner, Nora Fanderl, Constanze Heydkamp	
Crowding Density in Urban Environment and its Effects on Emotional Responding of Pedestrians: Using Wearable Device Technology with Sensors Capturing Proximity as well as Psychophysiological Emotion Responses while Walking in the Street	147
Georgios Papastefanou, Luyao Xiang, Anna Engelniederhammer	
Defining Economic Typologies based on an Economic Activities Database	159
Federico Giaretta, Inge Penninx, Sophie De Mulder, Jan Zaman	
DESENT: Smart Decision Support System for Urban Energy and Transportation	169
Evelyn Hummer, Thomas Nacht, Isabella Kolb-Stögerer, Dujuan Yang	
Dorf Neu Denken	179
Jeff Mirkes, Peter Zeile, Markus Nepl	
Driving Factors of Urban Expansion in Peri-Urban Areas of Greater Cairo Region	191
Muhammad Salem, Naoki Tsurusaki, Prasanna Divigalpitaya, Taher Osman	
Entwicklung eines verkehrsbezogenen und bewusstseinsbildenden Multimodalitätstools für ländliche Räume	197
Alessandra Angelini, Georg Hauger, Alexander Neumann	
Examining the Role of Public Transport Interchange Hubs in Supportive Public Transport Integration in City of Johannesburg	207
Brightnes Risimati, Trynos Gumbo	
Expanding Cities – Diminishing Space: Will Cities Remain Liveable, Accessible, Human-Oriented Places: for Whom and How?	215
Judith Ryser	
Exploring the Applicability of Location Based Services to Determine the State Routes Transport Networks Integratedness in the City of Johannesburg	225
Brightnes Risimati, Trynos Gumbo	
GIS-BIM Interoperability for Regeneration of Transurban Areas	243
Davide Barbato, Guglielmo Pristeri, Massimo De Marchi	
Integration of PRA with GIS for Planning of PERI Urban Areas	251
Piyali Bandyopadhyay	

Integrativer Ausbau der Bahninfrastruktur im Städtebau	259
Bettina Riedmann, Hans Kordina	
Land oder Stadt, das ist die Entscheidung einer persönlichen Raumplanung	269
Karl Niemann	
Large Housing Estates – Analysing the Morphologic Similarities and Differences of a Specific Town Planning Concept	275
Hannes Taubenböck, Manuel Murawski, Michael Wurm	
Megacities Spatiotemporal Dynamics Monitored with the Global Human Settlement Layer	285
Michele Melchiorri, Aneta J. Florczyk, Sergio Freire, Daniele Ehrlich, Marcello Schiavina, Martino Pesaresi, Thomas Kemper	
Menschen mit Demenz – unterwegs im öffentlichen Raum. Situationen und Unterstützungsmöglichkeiten	295
Bente Knoll, Birgit Hofleitner, Agnes Renkin, Elisabeth Reitingner, Barbara Pichler, Barbara Egger	
Mittelstädte als Stabilisatoren ländlich-peripherer Räume	303
Elke Ries	
New Enabling Technologies to Observe and Characterise Urban Environments with Big Data from Space – the Urban Thematic Exploitation Platform	315
Daniela Palacios, Mattia Marconcini, Julian Zeidler, Jakub Balhar, Martin Boettcher, Enguerran Boissier, Emmanuel Mathot, Václav Svaton, Thomas Esch	
Non-profit Housing: Current Trends in the European Context and its Specific Value for the Inward Urban Development in Switzerland	321
Roman Streit	
On the Development of a Sustainable and Fit for the Future Transportation Network	333
Karin Markvica, Matthias Prandstetter, Bin Hu, Ulrike Ritzinger, Jürgen Zajicek, Claudia Berkowitsch, Georg Hauger, Sarah Pfoser, Thomas Berger, Sandra Eitler, Reinhold Schodl	
Proactive Spatial Planning in Regard to a new Regional Mobility Hub – the case of Ebreichsdorf	341
Thomas Dillinger, Markus Neuhaus	
Räumliche Differenzierung des ÖPNV-Modalsplits zur Integration in die Standortbetrachtung für Ladeinfrastrukturen ...	351
Waldemar Brost, Teresa Funke, Michael Lembach	
Regionalpark Murauen – ressourcenschonende, anrainergerechte Naherholung in wachsenden Stadtregionen	361
Uschi Dorau, Brigitte Griesser, Johannes Leitner, Barbara Koinegg, Hans-Jörg Raderbauer	
Rural Revival Financing in Serbia: Kikinda Municipality Case Study	369
Danilo S. Furundžić, Božidar S. Furundžić, Dragana Ivaniš, Dijana Jakšić-Kiurski, Ivana Petrović	
Smartphone and Mobile Territories - Technical Knowledge Transformed into an Object Producing New Territorial Layers: An Experience in the City of Strasbourg	379
Esin Ekizoglu, Elizabeth Mortamais	
SmartUP: Entwicklung eines Zentrums für Nachhaltigkeit	391
Gosia Stawecka, Barbara Hammerl, Hans Schnitzer, Bertold Schleich, Ulrike Kabosch, Heimo Staller, Anna Maria Fulterer, Martina Kornthaler	
„Stadt-Raum-Strategien“: Innovationsfelder für resiliente Stadtentwicklung	399
Susanne Steckerl	
State Space Analysis a Tool for Solid Waste Management	407
Sanhita Bandyopadhyay	
Steuerung der Siedlungsflächenentwicklung auf dem Prüfstand – kompakte, umweltverträgliche Siedlungsstrukturen im regionalen Kontext: Traum oder Wirklichkeit?	417
Kirsten Mangels, Nina Wahrhusen	
Sustainable Land Management: Challenges, Opportunities Trade Off	429
Bikram Kumar Dutta	
TDR Approach Employment in Dealing with Metropolitan Area's Sprawl; Isfahan Metropolitan Area, District 9	439
Sahar Nedae Tousi, Bahareh Hardani, Ehsan Ghorbani Gheshghae Nejjhad	
The Challenging Path to a Redistribution of Space – Renegotiating Urban Mobility	453
Gabriele Wendorf, Carolin Schröder	
The Inclusive Role of Ekistics Elements in Earmarking Innovation Zones through a Balanced Distribution of Smart Development and Local Expression: Case of Kolkata Metropolitan Area (KMA)	461
Perna Mandal, Joy Sen	
Towards a more Liveable and Accessible Cycle Path Network in Padova: a Participatory Mapping Process	471
Daniele Codato, Diego Malacarne, Guglielmo Pristeri, Salvatore Pappalardo, Massimo De Marchi	
Typologisierung der Headquarters in Wien im Hinblick auf die Nachhaltigkeit	479
Andreas Breinbauer, Sandra Eitler	

Urban Relations – über die Bedeutung der Beziehungsebene in der Stadt(teil)entwicklung.....	489
Barbara Hammerl, Elisabeth Oswald, Nana Pötsch	
Verstärken Liberalisierung und Deregulierung die räumlichen Disparitäten zwischen Stadt und Land? Eine Fallstudie zum Südtiroler Einzelhandel im Kontext der Liberalisierungsgesetze ab 2012.....	503
Thomas Wieland	
Virtual Reality und Urban Emotions – Biosensorik im virtuellen Kontext städtebaulicher Planungsmethoden	515
Peter Zeile	
Vorübergehende Einrichtungen zur Unterbringung von Personen: Ausnahmen von bau- und planungsrechtlichen Bestimmungen zur Unterbringung Geflüchteter.....	523
Karin Hiltgartner	
What is Urban Sprawl in Flanders?	537
Karolien Vermeiren, Lien Poelmans, Guy Engelen, Isabelle Loris, Ann Pisman	
About the Transition to an Eco-Compatible Society: the Example of Urban Spread	547
Olivier Lefebvre	
Analyse von Barrierefreiheit und Nutzungsqualitäten sowie deren Anwendung in Wien	553
Karin Hiltgartner, Michael Leiner	
Centropemap – Cross-Border Data at a Glance.....	561
Clemens Beyer, Manfred Schrenk	
Climate-fit.city Online Analytical Platform Needs	567
Barbara Vojvodíková, Petra Šobánková, Iva Tichá, Natálie Szeligová	
ESPRIT – a Public Car System.....	573
Robert Stüssi, William Rendall, Valery Cervantes, Richard Mounce	
From Sustainable Cities to Sustainable People – Making Behaviour Change towards Sustainability a Priority in Urban Planning Processes	583
Petra Stieninger Hurtado	
How Do We Live.....	589
Skender Kosumi	
Inner Courtyards as Public Open Spaces.....	605
László Jóna	
Innovative Approaches to Integrative Energy Planning – Experiences and Results from the EU Project Urban Learning ...	613
Ute Gigler, Herbert Hemis	
ISTmobil: Customer Needs Orientated, Individual Mobility Services in Suburban Areas (Individual Mobility as a Service).....	623
Alexander Fördös, Thomas Sager, Stefan Brunner, Alexander Stiansny	
Looper: Towards a Methodology of Co-Design Approaches.....	627
Mareile Wiegmann, Imre Keserü, Cathy Macharis	
Mitigation of Greenhouse Gas Emissions from Urban Environmental Infrastructures	633
Daeseung Kyung, Sunghee Lee, Jongkon Kim	
Reintroduction of the Building Code for Canton Sarajevo as a Prerequisite of Urban Planning and Urban Management in the Cantonal Transformation Process	639
Nataša Pelja Tabori, Damir Lukić, Edib Uruči, Thomas Dillinger	
Salzburger Raumordnungsgesetz und Landesentwicklungsprogramm Neu: Bodenpolitische Wende und Planungsinnovation oder alter Wein in neuen Schläuchen?.....	645
Heidrun Wankiewicz, Franz Dollinger, Andreas Fackler	
Shrinking Spaces and Emerging Role of Information Technology in India.....	651
Papiya Bandyopadhyay Raut, Sandeep Kumar Raut	
Smart Occupancy – How to Avoid City Expansion by High-Density Use of Existing Buildings	659
Dietmar Wiegand, Siegfried Wirth	
Strategien für Regionen mit Bevölkerungsrückgang. Zwischenergebnisse aus der ÖREK-Partnerschaft und dem ASP-Projekt INTESI	667
Manfred Riedl	
The Challenge of Transforming Urban Supply and Disposal Infrastructures to more Resource and Energy Efficiency.....	681
Helmut Lehn, Franka Steiner, Jasmin Friedrich, Dámara Araya Valenzuela	
The Future of the Countryside.....	689
Carlos H. Betancourth	
Urban Green and Open Spaces under Pressure: The Potential of Ecosystem Services Supply and Demand Analysis for Mediating Planning Processes in the Context of Climate Change.....	699
Nina Kiese, Christoph Mager	

Urban Planning in Bosnia and Herzegovina	705
Rahman Nurković	
WAY-KEY – smarter Mobilitätsassistent für Menschen mit Demenzerkrankung.....	715
Wolfgang W. Wasserburger, Clemens Beyer	
Agro-Cities as a Way to Counteract Urban Poverty.....	719
Pietro Elisei, Sabina Leopa, Renata Lopez, Agostino Di Lorenzo, Roberto Gerundo	
Planning for Urban Quality in Station Area Development, Bijwasan, New Delhi	727
Chhavi Arya, Peter Zeile, Prerna Sudan	
Urban Parterre Modelling UPM: Lifting the Cadastral Map to the Third Dimension	735
Angelika Psenner, Klaus Kodydek	
Wie kommt die Smart City in die Stadt?	745
Stefan Netsch, Markus Karnutsch	
Sustainability Assessment of Urban Water Infrastructure Systems with Special Focus on the Urban Water-Energy Nexus .	751
Franka Steiner, Helmut Lehn, Annika Weiss	