

REAL CORP 2018

PRELIMINARY

LIST OF PRESENTATIONS

AS OF 13 FEBRUARY 2018

23rd International Conference on Urban Planning and Regional Development in the Information Society



EXPANDING CITIES DIMINISHING SPACE

ARE "SMART CITIES" THE SOLUTION
OR PART OF THE PROBLEM OF CONTINUOUS URBANISATION
AROUND THE GLOBE?



C O R P

Kompetenzzentrum für Stadtplanung und Regionalentwicklung
Competence Center of Urban and Regional Planning | www.corp.at



4-6 APRIL 2018, TU WIEN, CAMPUS GUSSHAUS
GUSSHAUSSTRASSE 25-29, 1040 VIENNA, AUSTRIA

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CONFERENCE TIMELINE

REAL CORP 2018 is going to take place from 4 to 6 April 2018 at TU Wien, Campus Gusshaus (Vienna University of Technology). Conference languages are English and German. There will be separate presentation blocks in each language, but no translation.

Day 0 – Tuesday, 3 April

approx. **19:00** Informal Welcome Reception, Ice Breaking

Day 1 – Wednesday, 4 April

09:00-10:30 Registration, Morning Coffee

10:30-13:00 Opening and Keynote Speeches

14:00-18:00 Parallel Sessions (Presentations, Workshops)

16:00 Book presentation

“Underground Spaces Unveiled – Planning and Creating the Cities of the future” by Han Admiraal and Antonia Cornaro) – [see page 15](#)

18:00 Guided City Tour and Official Evening Reception

Day 2 – Thursday, 5 April

09:00-18:00 Parallel Sessions (Presentations, Workshops)

14:00-15:30 Special Session on **Real Estate** chaired by Alexander Ghezso

18:00 Informal Get-Together (optional)

Day 3 – Friday, 6 April

09:00-15:30 Parallel Sessions (Presentations, Workshops)

15:30-16:00 Summary, Final Discussion, Outlook, Farewell

All time specifications include lunch and coffee breaks and may be subject to minor changes.

CONFERENCE REGISTRATION

Conference registration is available via online form at <http://my.corp.at>

OPENING

Prof. Ioannis Giannopoulos

TU Wien, Department for Geodesy and Geoinformation; Vienna, Austria

DI Manfred Schrenk

Conference Director, Chairman Competence Center of Urban and Regional Planning; Vienna, Austria

Ir. Martin Dubbeling

President-elect of ISOCARP – International Society of City and Regional Planners; The Hague, Netherlands

KEYNOTES

**Expanding Cities – Diminishing Space:
Perspectives from Outer Space****Dr. Hannes Taubenböck**

Deutsches Zentrum für Luft- und Raumfahrt (DLR); Weßling, Germany

Smart Cities and the New Urban Agenda**Dr. Rafael de Miguel González**

Vice President of the European Association of Geographers; Wardamme, Belgium

Cool Planning for Smart Cities, the case of New Airport – Smart Bodø**Ir. Martin Dubbeling**

President-elect of ISOCARP – International Society of City and Regional Planners; The Hague, Netherlands

Expanding Cities – Diminishing Space: Will Cities Remain Liveable, Accessible, Human-Oriented Places: for Whom and How?**Judith Ryser**

CityScope Europe; London, UK

LIST OF PRESENTATIONS

ABSTRACTS ACCEPTED BY REVIEWER TEAM AND PROGRAMME COMMITTEE

A Concept of Geo-Facts for Online Discourse in “Postfactual” Times in the Context of Spatial Planning (reviewed paper)

Gerhard Navratil; *TU Wien, Department for Geodesy and Geoinformation; Vienna, AT*
Max Harnoncourt; *factline Webservices GmbH; Vienna, AT*

A Framework of Machine Learning Algorithms for Urban Data Intelligent Processing (reviewed paper)

Man Tianxing; *St. Petersburg, Russia*
Nataly Zhukova; *St. Petersburg, Russia*

A Socio-ecological Approach to Assessing Physical Activities in Public Open Spaces of Alexandria City, Egypt (reviewed paper)

Esraa El Mashak; *Faculty of Engineering , Alexandria university, Architecture and urban design; Alexandria, Egypt*
Rania Raslan; *Faculty of Engineering /Alexandria University, Architectural Department; Alexandria, Egypt*
Hany Ayad; *Faculty of Engineering /Alexandria University, Architectural Department; Alexandria, Egypt*

An Automated Verification Workflow for Planned Lighting Setups using BIM (reviewed paper)

Andreas Walch; *VRVis Research Center, Semantic Modelling and Acquisition Group; Wien, AT*
Katharina Krösl; *VRVis Research Center, Semantic Modelling and Acquisition Group; Wien, AT*
Christian Luksch; *VRVis Research Center, Semantic Modelling and Acquisition Group; Wien, AT*
Thomas Pipp; *ÖBB-Immobilienmanagement GmbH; Wien, AT*
David Pichler; *ÖBB-Immobilienmanagement GmbH; Wien, AT*
Michael Schwärzler; *VRVis Research Center, Area Smart Worlds; Wien, AT*

An Open Multi-user Platform in Support of Urban Development: the DATA WebGIS (reviewed paper)

Guglielmo Pristeri; *Università degli Studi di Padova, Department of Civil, Environmental and Architectural Engineering; Padova, Italia*
Salvatore Pappalardo; *University of Padova, Department of Civil, Environmental and Architectural Engineering; Padova, Italy*
Daniele Codato; *University of Padova, Department of Civil, Environmental and Architectural Engineering; Padova, Italy*
Federico Gianoli; *University of Padova, Department of Civil, Environmental and Architectural Engineering; Padova, Italy*
Massimo De Marchi; *University of Padova, Department of Civil, Environmental and Architectural Engineering; Padova, Italy*

Angsträume und Stressempfinden im urbanen Kontext (reviewed paper)

Fabian Schlosser; *TU Dortmund; Dortmund, DE*
Peter Zeile; *Karlsruher Institut für Technologie KIT, Stadtquartiersplanung STQP; Karlsruhe, DE*

Assessing Expanding Space Use versus Infill for Economic Activities (reviewed paper)

Gruijthuijsen Wesley; *KU Leuven, SADL, Geography and tourism Division; Heverlee, Belgium*
Therese Steenberghen; *KU Leuven, SADL, Geography and tourism Division; Heverlee, Belgium*
Vanneste Dominique; *KU Leuven, Geography and tourism Division; Heverlee, Belgium*
Zaman Jan; *Environment Department Flanders; Brussels, Belgium*
Penninx Inge; *Environment Department Flanders; Brussels, Belgium*
De Mulder Sophie; *Environment Department Flanders; Brussels, Belgium*

Vermoesen Koen; *Department Innovation and business*; Brussels, Belgium
Horemans Eline; *Department Innovation and business*; Brussels, Belgium

ATTRACTIVE DANUBE Project – Territorial Attractiveness Analysis of the Danube Region (reviewed paper)

Ljiljana Zivkovic; Belgrade, Serbia
Blaž Barborič; *Geodetic Institute of Slovenia*; Ljubljana, Slovenia

Automatisierte Detektion von Angsträumen und ihre Auswirkungen auf die nachhaltige Stadtentwicklung (reviewed paper)

Thorsten Kelm; *Hochschule Bochum, Fachbereich Geodäsie*; Bochum, DE
Annette Becker; *Hochschule Bochum, Fachbereich Geodäsie*; Bochum, DE
Ulrike Klein; *Hochschule Bochum, Fachbereich Geodäsie*; Bochum, DE

Big Data and Knowledge-based Urban System in Tehran (reviewed paper)

Asrin Mahmoudpour; *Art University of Tehran, Urban & Regional Planning*; Tehran, Iran
Vahide Ebrahimnia; *Shahid Beheshti University, Urban & Regional Planning*; Tehran, Iran

City of the Future Constance: „Future City“ – Quality instead of Square Meter (reviewed paper)

Sven Dübner; *Fraunhofer Institute for Industrial Engineering IAO, Urban Data & Resilience*; Stuttgart, DE
Lukas Esper; *City of Constance, Amt für Stadtplanung und Umwelt Konstanz*; Constance, DE

City of the Future Ludwigsburg: Co-Creation in Urban Development Processes (reviewed paper)

Constanze Heydkamp; *Fraunhofer IAO, Smart Urban Environments*; Stuttgart, DE
Sven Dübner; *Fraunhofer, Urban Data and Resilience*; Stuttgart, DE
Nora Fanderl; *Fraunhofer IAO, Urban Governance Innovation*; Stuttgart, DE

Defining Economic Typologies based on an Economic Activities Database (reviewed paper)

Federico Giaretta; *Architecture Workroom Brussels*; Brussels, Belgium
Jan Zaman; *Vlaamse overheid, Departement Omgeving*; Brussels, Belgium
Inge Pennincx; *Vlaamse overheid, Departement Omgeving*; Brussels, Belgium
Sophie De Mulder; *Vlaamse overheid, Departement Omgeving*; Brussels, Belgium

DESENT: Smart Decision Support System for Urban Energy and Transportation (reviewed paper)

Evelyn Hummer; *4ward Energy Research GmbH*; Graz, AT
Thomas Nacht; *4ward Energy Research GmbH*; Graz, AT
Isabella Kolb-Stögerer; *Reiterer & Scherling GmbH*; Vorau, AT
Dujuan Yang; *Technische Universiteit Eindhoven*; MB Eindhoven, NL

Dorf Neu Denken (reviewed paper)

Jeff Mirkes; *Karlsruher Institut für Technologie (KIT), Stadtquartiersplanung (STQP)*; Karlsruhe, DE
Peter Zeile; *Karlsruher Institut für Technologie (KIT), Stadtquartiersplanung (STQP)*; Karlsruhe, DE
Markus Neppl; *Karlsruher Institut für Technologie (KIT), Stadtquartiersplanung (STQP)*; Karlsruhe, DE

Driving Factors of Urban Expansion in Peri-Urban Areas of Greater Cairo Region (reviewed paper)

Muhammad Salem Said Muhammad; *Kyushu University, Department Of Urban Design, Planning And Disaster Management*; Fukuoka, Japan
Naoki Tsurusaki; *Kyushu University, Department Of Urban Design, Planning And Disaster Management*; Fukuoka, Japan
Prasanna Divigalpitiya; *Graduate School of Human-Environment Studies, Kyushu University, Department Of Urban Design, Planning And Disaster Management*; Fukuoka, Japan

Entwicklung eines verkehrsbezogenen und bewusstseinsbildenden Multimodalitätstools für ländliche Räume (reviewed paper)

Alessandra Angelini; *Technische Universität Wien, Center of Transportation System Planning*; Vienna, AT
Georg Hauger; *Technische Universität Wien, Center of Transportation System Planning*; Wien, AT
Alexander Neumann; *netwiss OG*; Wien, AT

Examining the Role of Public Transport Interchange Hubs in Supportive Public Transport Integration in City of Johannesburg (reviewed paper)

Brightnes Risimati; *University of Johannesburg, Town and Regional Planning*; Doornfontein, South Africa
Trynos Gumbo; *University of Johannesburg, Town and Regional Planning*; Doornfontein, South Africa

Exploring the Applicability of Location Based Services to Determine the State Routes Transport Networks Integratedness in the City of Johannesburg (reviewed paper)

Brightnes Risimati; *University of Johannesburg, Town and Regional Planning*; Doornfontein, South Africa
Trynos Gumbo; *University of Johannesburg, Town and Regional Planning*; Doornfontein, South Africa

Geo-referenced Internet of Things for Modern Cities (reviewed paper)

Nataly Zhukova; Saint Petersburg, Russia
Mark Zaslavskiy; Saint Petersburg, Russia

GIS-BIM Interoperability for Regeneration of Transurban Areas (reviewed paper)

Davide Barbato; *University of Padova, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy
Guglielmo Pristeri; *University of Padova, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy
Massimo De Marchi; *University of Padova, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy

Grünraumspange Bisamberg-Gerasdorf-Norbert-Scheid-Wald (reviewed paper)

Martina Jauschneg; *Büro Jauschneg*; Wien, AT
Christina Stockinger; *Magistrat der Stadt Wien, MA 18 Stadtentwicklung und Stadtplanung*; Wien, Österreich
Katharina Gugerell; *University of Groningen, Department of Spatial Planning & Environment*; AD Groningen, NL

Innovationsfelder für resiliente Stadtentwicklung (reviewed paper)

Susanne Steckerl; *Stadtgemeinde Leonding, Leitung Standortmarketing, Stadtentwicklung*; Leonding, AT

Integration of PRA with GIS for Planning of PERI Urban Areas (reviewed paper)

Piyali Bandyopadhyay; *Central Pollution Control Board, Ministry of Environment, Forest and Climate Change, Pollution Abatement*; Delhi, India

Integrativer Ausbau der Bahninfrastruktur im Städtebau (reviewed paper)

Hans Kordina; *Kordina ZT GmbH*; Wien, AT
Bettina Riedmann; *Kordina ZT GmbH*; Wien, AT

Land oder Stadt, das ist die Entscheidung einer persönlichen Raumplanung (reviewed paper)

Karl Niemann; *ALLPHANET*; Düsseldorf, DE

Large Housing Estates – Analysing the Morphologic Similarities and Differences of a Specific Town Planning Concept (reviewed paper)

Hannes Taubenböck; *German Aerospace Center, German Remote Sensing Data Center*; Wessling, DE
Manuel Murawski; *German Aerospace Center, German Remote Sensing Data Center*; Wessling, DE
Michael Wurm; *German Aerospace Center, German Remote Sensing Data Center*; Wessling, DE

Measuring High Density Urban Context Experience by Proximity Sensors and its Effects on Psycho-Physiological Stress and Restoration: the case of Hong

Kong (reviewed paper)

Georgios Papastefanou; *GESIS Leibniz Institute for the Social Sciences, Monitoring Society and Social Change*; Mannheim, DE
Luyao Xiang; *Chinese University of Hong Kong*; Hong Kong SAR, Hong Kong SAR

Megacities Spatiotemporal Dynamics Monitored with the Global Human Settlement Layer (reviewed paper)

Michele Melchiorri; *Piksel- EC JRC, Disaster Risk Management Unit*; Ispra, Italy
Aneta Florczyk; *European Commission - Joint Research Centre*; Ispra, Italy
Sergio Freire; *European Commission - Joint Research Centre*; Ispra, Italy
Thomas Kemper; *European Commission - Joint Research Centre*; Ispra, Italy

Menschen mit Demenz – unterwegs im öffentlichen Raum. Situationen und Unterstützungsmöglichkeiten (reviewed paper)

Bente Knoll; *B-NK GmbH Büro für nachhaltige Kompetenz*; Wien, AT
Birgit Hofleitner; *B-NK GmbH Büro für nachhaltige Kompetenz*; Wien, AT
Elisabeth Reitingner; *IFF – Institut für Palliative Care und Organisationsethik, Universität Klagenfurt, Wien, Graz*; Wien, AT
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Barbara Egger; *IFF – Institut für Palliative Care und Organisationsethik, Universität Klagenfurt, Wien, Graz*; Wien, AT

Mittelstädte als Stabilisatoren ländlich-peripherer Räume (reviewed paper)

Elke Ries; *Technische Universität Kaiserslautern, Lehrstuhl Regionalentwicklung und Raumordnung*; Kaiserslautern, DE

New Enabling Technologies to Observe and Characterise Urban Environments with Big Data from Space – the Urban Thematic Exploitation Platform (reviewed paper)

Thomas Esch; *German Aerospace Center (DLR), Earth Observation Center (EOC)*; Weßling, DE
Mattia Marconcini; *German Aerospace Center (DLR), Earth Observation Center (EOC)*; Weßling, DE
Julian Zeidler; *German Aerospace Center (DLR), Earth Observation Center (EOC)*; Weßling, DE
Jakub Balhar; *GISAT s.r.o.*; Prague, CZ
Martin Böttcher; *Brockmann Consult GmbH*; Geesthacht, DE
Enguerran Boissier; *Terradue Srl*; Frascati, IT
Emmanuel Mathot; *Terradue Srl*; Frascati, IT
Václav Svatoň; *VSB-Technical University of Ostrava*; Ostrava, CZ
Daniela Palacios; *German Aerospace Center (DLR), Earth Observation Center (EOC)*; Weßling, DE

Non-profit Housing: Current Trends in the European Context and its Specific Value for the Inward Urban Development in Switzerland (reviewed paper)

Roman Streit; *ETH Zürich, Professur für Raumentwicklung*; Zürich, CH

On the Development of a Sustainable and Fit for the Future Transportation Network (reviewed paper)

Karin Markvica; *AIT Austrian Institute of Technology GmbH, Center for Mobility Systems*; Vienna, AT
Matthias Prandtstetter; *AIT Austrian Institute of Technology GmbH, Center for Mobility Systems*; Vienna, AT
Bin Hu; *AIT Austrian Institute of Technology GmbH, Center for Mobility Systems*; Vienna, AT
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Reinhold Schodl; *University of Applied Sciences BFI Vienna*; Vienna, AT
Bernhard Ennser; *University of Applied Sciences BFI Vienna*; Vienna, AT
Andreas Breinbauer; *University of Applied Sciences BFI Vienna*; Vienna, AT

Proactive Spatial Planning in Regard to a new Regional Mobility Hub – the case of Ebreichsdorf (reviewed paper)

Thomas Dillinger; *TU Wien, Department für Raumplanung*; Wien, AT
Markus Neuhaus; *TU Wien, Department für Raumplanung*; Wien, AT

Räumliche Differenzierung des ÖPNV-Modalsplits zur Integration in die Standortbetrachtung für Ladeinfrastrukturen (reviewed paper)

Waldemar Brost; *RWTH Aachen University, Institut für Stadtbauwesen und Stadtverkehr*; Aachen, DE
Teresa Funke; *RWTH Aachen University, Institut für Stadtbauwesen und Stadtverkehr*; Aachen, DE
Michael Lembach; *RWTH Aachen University, Institut für Stadtbauwesen und Stadtverkehr*; Aachen, DE

Regionalpark Murauen – ressourcenschonende, anrainergerechte Naherholung in wachsenden Stadtregionen (reviewed paper)

Uschi Dorau; *freiland Environmental Consulting Civil Engineers Ltd.*; Vienna, AT
Brigitte Griesser; *freiland Environmental Consulting Civil Engineers Ltd.*; Graz, AT
Johannes Leitner; *PLANUM Fallast Tischler & Partner GmbH*; Graz, AT
Barbara Koinegg; *PLANUM Fallast Tischler & Partner GmbH*; Graz, AT
Hans-Jörg Raderbauer; *freiland Environmental Consulting Civil Engineers Ltd.*; Graz, AT

Revitalizing Existing Open Space in a Densely Populated City: a Case Study of Chittagong City (reviewed paper)

Maharina Jafin; *Deakin University, Architecture and Build Environment*; Melbourne, Australia
Beau Beza; *Deakin University, Architecture and Build Environment*; Melbourne, Australia

Rural Revival Financing in Serbia: Kikinda Municipality Case Study (reviewed paper)

Danilo S. Furundzic; *University of Belgrade, Faculty of Architecture*; Belgrade, Serbia
Bozidar Furundzic; *CPM Consulting*; Belgrade, Serbia
Dragana Ivanis; *JP Kikinda*; Kikinda, Serbia
Dijana Jaksic - Kiurski; *JP Kikinda*; Kikinda, Serbia
Ivana Petrovic; *JP Kikinda*; Kikinda, Serbia

Smartphone and Mobile Territories - Technical Knowledge Transformed into an Object Producing New Territorial Layers: An Experience in the City of Strasbourg (reviewed paper)

Esin Ekizoglu; *Université Paris Diderot- Ecole Nationale Supérieure Paris Val de Seine, Laboratory ICT-laboratory EVCAU*; Strasbourg, France
Elizabeth Mortamaïs; *Ecole Nationale Supérieure Paris Val de Seine, Laboratory EVCAU*; Paris, France

SmartUP: Entwicklung eines Zentrums für Nachhaltigkeit (reviewed paper)

Barbara Hammerl; *StadtLABOR*; Graz, AT
Berthold Schleich; *ÖKO-Service Beschäftigungsg.m.b.H.*; Graz, AT
Ulrike Kabosch; *ARGE Abfallvermeidung, Ressourcenschonung und nachhaltige Entwicklung GmbH*; Graz, AT
Heimo Staller; *AEE - Institut für Nachhaltige Technologien*; Gleisdorf, AT
Anna Maria Fulterer; *AEE - Institut für Nachhaltige Technologien*; Gleisdorf, AT
Martina Kornthaler; *Saubermacher Dienstleistungs AG*; Feldkirchen bei Graz, AT
Hans Schnitzer; *StadtLABOR Innovationen für urbane Lebensqualität GmbH*; Graz, AT
Gosia Stawecka; *StadtLABOR Innovationen für urbane Lebensqualität GmbH*; Graz, AT

State Space Analysis a Tool for Solid Waste Management (reviewed paper)

Sanhita Bandyopadhyay; *School of Planning and Architecture, New Delhi, Physical Planning*; Gurgaon, India

Steuerung der Siedlungsflächenentwicklung auf dem Prüfstand – kompakte, umweltverträgliche Siedlungsstrukturen im regionalen Kontext: Traum oder Wirklichkeit? (reviewed paper)

Nina Wahrhusen; *Technische Universität Kaiserslautern, Lehrstuhl Regionalentwicklung und Raumordnung*; Kaiserslautern, DE

Kirsten Mangels; *Technische Universität Kaiserslautern, Lehrstuhl Regionalentwicklung und Raumordnung*; Kaiserslautern, DE

Steuerung der Siedlungsflächenentwicklung auf dem Prüfstand - Kompakte, umweltverträgliche Siedlungsstrukturen im regionalen Kontext: Traum oder Wirklichkeit (reviewed paper)

Kirsten Mangels; *TU Kaiserslautern, Regional Development and Spatial Planning*; Kaiserslautern, DE
Nina Wahrhusen; *TU Kaiserslautern, RuR*; Kaiserslautern, DE

Sustainable Land Management: Challenges, Opportunities Trade Off (reviewed paper)

Bikram Dutta; *IL&FS,ITNL, Transport*; Gurgaon, India

TDR Approach Employment in Dealing with Metropolitan Area's Sprawl; Isfahan Metropolitan Area, District 9 (reviewed paper)

Sahar Nedae Tousi; *Shahid Beheshti University, Urban and Regional Planning*; Tehran, Iran
Bahareh Hardani; *Shahid Beheshti University, Urban and Regional Planning*; Tehran, Iran
Ehsan Ghorbani Gheshghaee Nejjad; *Isfahan Art University, Isfahan Art University*; Tehran, Iran

The Challenging Path to a Redistribution of Space – Renegotiating Urban Mobility (reviewed paper)

Carolin Schroeder; *TU Berlin, Zentrum Technik & Gesellschaft*; Berlin, DE
Gabriele Wendorf; *TU Berlin, Zentrum Technik & Gesellschaft*; Berlin, DE

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) (reviewed paper)

Perna Mandal; *Indian Institute of Technology Kharagpur, Department of Architecture and Regional Planning*; Kharagpur, India
Joy Sen; *Indian Institute of Technology Kharagpur, Department of Architecture and Regional Planning*; Kharagpur, India

Towards a more Liveable and Accessible Cycle Path Network in Padova: a Participatory Mapping Process (reviewed paper)

Daniele Codato; *Department of Civil, Environmental and Architectural Engineering, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy
Diego Malacarne; *University of Padova, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy
Guglielmo Pristeri; *University of Padova, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy
Salavatore Pappalardo; *University of Padova, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy
Massimo De Marchi; *University of Padova, Department of Civil, Environmental and Architectural Engineering*; Padova, Italy

Typologisierung der Headquarters in Wien im Hinblick auf die Nachhaltigkeit (reviewed paper)

Andreas Breinbauer; *FH des BFI Wien, Logistik und Transportmanagement*; Wien, AT
Sandra Eitler; *FH des BFI Wien, Logistik und Transportmanagement*; Wien, AT

Urban Relations – über die Bedeutung der Beziehungsebene in der Stadt(teil)entwicklung (reviewed paper)

Barbara Hammerl; *StadtLABOR Innovationen für urbane Lebensqualität GmbH*; Graz, AT
Elisabeth Oswald; *StadtLABOR Innovationen für urbane Lebensqualität GmbH*; Graz, AT
Nana Pötsch; *StadtLABOR Innovationen für urbane Lebensqualität GmbH*; Graz, AT

Verstärken Liberalisierung und Deregulierung die räumlichen Disparitäten zwischen Stadt und Land? Eine Fallstudie zum Südtiroler Einzelhandel im Kontext der Liberalisierungsgesetze ab 2012 (reviewed paper)

Thomas Wieland; *Karlsruher Institut für Technologie, Institut für Geographie und Geoökologie*; Karlsruhe, DE

Virtual Reality und Urban Emotions – Biosensorik im virtuellen Kontext städtebaulicher Planungsmethoden (reviewed paper)

Peter Zeile; *Karlsruhe Institute of Technology KIT, Institute for Urban and Landscape Design | STQP*; Karlsruhe, DE

Vorübergehende Einrichtungen zur Unterbringung von Personen: Ausnahmen von bau- und planungsrechtlichen Bestimmungen zur Unterbringung Geflüchteter (reviewed paper)

Karin Hiltgartner; *TU Wien, Department für Raumplanung*; Vienna, AT

What is Urban Sprawl in Flanders? (reviewed paper)

Karolien Vermeiren; *Flemish Institute for Technological Research, environmental modelling*; Mol, Belgium
Lien Poelmans; *Flemish Institute for Technological Research, environmental modelling*; Mol, Belgium
Guy Engelen; *Flemish Institute for Technological Research, environmental modelling*; Mol, Belgium
Ann Pisman; *Flemish government, environment*; Brussel, Belgium

A Critical Review of the Child-friendly Cities Initiative from an Urban Design Perspective

Sherin Gammaz; *Cairo University, Faculty of Engineering, Architectural*; Cairo, Egypt
Sara Moustafa Gouda; *Cairo University, Faculty of Engineering, Architectural*; Cairo, Egypt

A Spatial Regulation Planning Method for Eco-Problems in Dense Areas of Mega City

A Spatial Regulation Planning Method for Eco-Problems in Dense Areas of Mega City: A Case Study of Guangzhou, China

Xiaohui Li; *Guangzhou Urban Planning & Design Survey Research Institution, Urban Planning Research Center*; Guangzhou, China
Jie Wu; *Guangzhou Urban Planning & Design Survey Research Institution, Urban Planning Research Center*; Guangzhou, China
Jianjun Wang; *Guangzhou Urban Planning & Design Survey Research Institution, Urban Planning Research Center*; Guangzhou, China
Xinzhao Dai; *Guangzhou Urban Planning & Design Survey Research Institution, Urban Planning Research Center*; Guangzhou, China
Weixiao Nie; *Guangzhou Urban Planning & Design Survey Research Institution, Urban Planning Research Center*; Guangzhou, China
Nao Long; *Guangzhou Urban Planning & Design Survey Research Institution, Urban Planning Research Center*; Guangzhou, China

About the Transition to an Eco-Compatible Society: the Example of Urban Spread

Olivier Lefebvre; *Olivier Lefebvre Consultant*; Paris, France

Agro-Cities as a Way to Counteract Urban Poverty

Pietro Elisei; *EC UIA Programme International Expert*; Bucharest, Romania
Sabina Leopa; *Urbasofia, EU Projects Department- Director*; Bucharest, Romania
Renata Lopez; *UIA MAC Assistant Manager*; Pozzuoli, Italy
Agostino Di Lorenzo; *Municipality of Pozzuoli, UIA MAC Project Manager*; Pozzuoli, Italy
Roberto Gerundo; *Municipality of Pozzuoli, Planning Commissioner (Vice Mayor for Urban Planning)*; Pozzuoli, Italy

Analyse von Barrierefreiheit und Nutzungsqualitäten sowie deren Anwendung in Wien

Karin Hiltgartner; *TU Wien, Spatial Planning*; Vienna, AT
Michael Leiner; *TU Wien, Spatial Planning*; Wien, AT

Assessment of the Contiguity between the Brownfield Development and the Greenfield Development and their Variations: Case of Kolkata Metropolitan Area

Mouli Majumdar; *IIT Kharagpur, RCGSIDM*; Kharagpur, India
Joy Sen; *IIT Kharagpur, Architecture and Regional Planning*; Kharagpur, India

Centropemap – Cross-Border Data at a Glance

Clemens Beyer; *CORP – Consulting Research Projects*; Vienna, AT
Manfred Schrenk; *CORP – Consulting Research Projects*; Vienna, AT

Chinese Planned Industrialisation-Led New City in Africa – a Contemporary “Chinese Space” Relocation or a Context-Specific Innovation?

Jing Lu; *Futurepolis LLC, Urban Planning*; Suzhou, P.R.CHINA

Clash of Space – the Urgent Need for Green Infrastructure and Climate Adaptation in the Growing City

Katrin Hagen; *TU Wien, Landscape Architecture*; Vienna, AT
Beatrix Gasienica-Wawrytko; *TU Wien, Landscape Architecture*; Vienna, AT

Climate-fit.city Online Analytical Platform Needs

Barbara Vojvodikova; *IURS – Institute for Sustainable Development of Settlements*; Ostrava Poruba, Czech Republic
Petra Sobanova; *IURS – Institute for Sustainable Development of Settlements*; Ostrava Poruba, Czech Republic
Iva Ticha; *IURS – Institute for Sustainable Development of Settlements*; Ostrava Poruba, Czech Republic
Natalie Szeligova; *IURS – Institute for Sustainable Development of Settlements*; Ostrava Poruba, Czech Republic

Connecting Tourism Specialisations and Excellent Agro-food Productions as Effective Development Drivers in the Mediterranean Area: INNOVAGRO Project

Beniamino Murgante; *University of Basilicata, School of Engineering*; Potenza, Italy

ESPRIT – a Public Car System

William Rendall; *ESPRIT project, Advisory Board*; Puerto del Carmen, Spain
Robert Stüssi; *ESPRIT project, Advisory Board member*; Lisbon, Portugal
Valery Cervantes; *CEA, Commissariat à l'énergie atomique et aux énergies alternatives, LITEN*; Grenoble, France
Richard Mounce; *University of Aberdeen, Centre for Transport Research*; Aberdeen, UK

From Sustainable Cities to Sustainable People – Making Behaviour Change towards Sustainability a Priority in Urban Planning Processes

Petra Stieninger Hurtado; *Urban Breezes*; Chicago, IL, USA

How Do We Live

Skender Kosumi; *TU Wien, Department of Spatial Planning*; Wien, AT

Inner Courtyards as Public Open Spaces

László Jóna; *HAS Centre for Economic and Regional Studies Institute for Regional Studies, West-Hungarian Research Department*; Győr, Hungary

Innovative Approaches to Integrative Energy Planning – Experiences and Results from the EU Project Urban Learning

Ute Gigler; *Urban Innovation Vienna GmbH, Energy Center*; Wien, AT
Herbert Hemis; *Stadt Wien, MA20 Energieplanung*; Wien, AT

ISTmobil: Customer Needs Orientated, Individual Mobility Services in Suburban Areas (Individual Mobility as a Service)

Thomas Sager; *ISTmobil GmbH*; Graz, AT
Alexander Fördös; *ISTmobil GmbH*; Graz, AT
Stefan Brunner; *ISTmobil GmbH*; Graz, AT
Alexander M. Stiasny; *ISTmobil GmbH*; Graz, AT

Local Actions for the Improvement of Low Carbon Economy in Europe: LOCARBO Project

Beniamino Murgante; *University of Basilicata, School of Engineering*; Potenza, Italy

LOOPER: Towards a Methodology of Co-Design Approaches

Mareile Wiegmann; *Vrije Universiteit Brussel, MOBI Research Group - Sustainable Mobility*; Brussel, Belgium
Imre Keseru; *Vrije Universiteit Brussel, MOBI Research Group - Sustainable Mobility*; Brussel, Belgium
Cathy Macharis; *Vrije Universiteit Brussel, MOBI Research Group - Sustainable Mobility*; Brussel, Belgium

Method of Open Data Import and Analysis for Internet of Things Applications Based on Geocontext Markup

Mark Zaslavskiy; *ITMO University*; Saint-Petersburg, Russian Federation
Dmitry Mouromtsev; *Saint-Petersburg*, Russian Federation

Mitigation of Greenhouse Gas Emissions from Urban Environmental Infrastructures

Daeseung Kyung; *Korea Land & Housing Institute, Urban Management*; Daejeon, South Korea
Sunghee Lee; *Korea Land & Housing Institute, Urban Management*; Daejeon, South Korea
Jongkon Kim; *Korea Land & Housing Institute, Urban Management*; Daejeon, South Korea

Planning for Urban Quality in Station Area Development, Bijwasan, New Delhi

Chhavi Arya; *Karlsruher Institut für Technologie - KIT*; Karlsruhe, DE
Peter Zeile; *Karlsruher Institut für Technologie, Stadtquartiersplanung STQP*; Karlsruhe, DE
Perna Sudan; *Raj Rishi College*; Alwar, India

Planning Smart Shrinkage – The New Perspective for Livability in Historic Cities

Sarmite Barvika; *Riga Technical University, Faculty of Architecture*; Riga, Latvia
Sandra Treija; *Riga Technical University, Faculty of Architecture*; Riga, Latvia

Putting Smart Planning into Practice

Petr Bocharnikov; *Esri*; Rotterdam, The Netherlands
Brooks Patrick ; *Esri*; Redlands, USA

Redistributing Resources in the Urban Environment – Tools and Strategies towards a more Sustainable and Resilient Urban Fabric

Klaus Kodydek; *TU Wien, Institut für Städtebau, Landschaftsarchitektur und Entwerfen*; Vienna, AT
Angelika Psenner; *TU Wien, Institut für Städtebau, Landschaftsarchitektur und Entwerfen*; Wien, AT

Reintroduction the Building Code for Canton Sarajevo as a Prerequisite of Urban Planning and Urban Management in the Cantonal Transformation Process

Edib Uruci; *TU Wien, Department for Spatial Planning*; Vienna, AT
Thomas Dillinger; *TU Wien, Department for Spatial Planning*; Vienna, AT
Natasa Pelja Tabori; *Canton Sarajevo Office for Planning Development, Planning Development Department*; Sarajevo, BiH

Damir Lukic; *Canton Sarajevo Office for Planning Development, Planning Development Department*; Sarajevo, BiH

Relationship between Flood Risk and the Urban Planning in Turkey

Hale Mamunlu Kocabaş; *Mimar Sinan Fine Arts University, Urban and Regional Planning Department*; Istanbul, Turkey

Revealing Landscape Infrastructure Utilising a Multi-Scale Land Cover Assessment Methodology – case of Tirana, Albania

Alma Paçarizi; *Epoka University, Architecture*; Prizren, Kosovo
Artan Hysa; *Epoka University, Architecture*; Tirana, Albania

Salzburger Raumordnungsgesetz und Landesentwicklungsprogramm Neu: Bodenpolitische Wende und Planungsinnovation oder alter Wein in neuen Schläuchen?

Franz Dollinger; *Land Salzburg, Wohnen und Raumplanung*; Salzburg, AT
Heidrun Wankiewicz; *Planwind.at*; Salzburg, AT
Andreas Fackler; *Profilentwicklung.at*; Salzburg, AT

Sensing, Understanding Travel Behaviour by Target Groups and Factors for Shaping Travel Behaviour Change: Towards Sustainable Multimodal Transport. A case of Pune, India

Kirti Badhe; *Institute of transport planning, Spatial planning department, Vienna university of technology*; Wien, AT
Martin Berger; *Institute of transport planning, Spatial planning department, Vienna university of technology*; Wien, AT

Shrinking Spaces and Emerging Role of Information Technology in India

Papiya Bandyopadhyay Raut; *School of Planning and Architecture, Department of Physical Planning*; New Delhi, India
Sandeep Kumar Raut; *Town and Country Planning Organisation, Ministry of Housing and Urban Affairs*; New Delhi, India

Smart Cities – bekannte Förderungen unter neuem Namen?

Stefan Netsch; *Salzburg University of Applied Sciences, Smart Buildings in Smart Cities | SMC*; Kuchl, AT
Markus Karnutsch; *Salzburg University of Applied Sciences, Smart Buildings in Smart Cities | SMC*; Kuchl, AT

Smart Cities and (Geo-)Data Infrastructure

Manfred Schrenk; *CORP – Consulting Research Projects, CEO*; Schwechat, AT

Smart Occupancy – How to Avoid City Expansion by High-Density Use of Existing Buildings

Dietmar Wiegand; *Vienna University of Technology (TU Wien), Real Estate Development and Management*; Vienna, AT
Siegfried Wirth; *Unternehmensberatung Mag. Siegfried Wirth*; Vienna, AT

Spatial Planning in Kenyan Railway Transport Projects

Raphael Kazungu; *Nairobi City County Government*; Nairobi, Kenya
Judith Gitau; *Nairobi City County Government, Urban Planning*; Nairobi, Kenya

Strategien für Regionen mit Bevölkerungsrückgang

Manfred Riedl; *Amt der Tiroler Landesregierung, Landesstatistik und TIRIS*; Innsbruck, AT

Sustainability Assessment of Urban Water Infrastructure Systems with Special Focus on the Urban Water-Energy Nexus

Franka Steiner; *Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS)*; Karlsruhe, DE

Helmut Lehn; *Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS)*; Karlsruhe, DE

Annika Weiss; *Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS)*; Karlsruhe, DE

The Beautiful Villages Wake Up as Clusters of Local Culture

Domenico Bearzatto; *PLEF Planet Life Economy Foundation*; Milano, Italy

The Challenge of Quality of Life in New Urban Development

Shabnam Farboud; Tehran, Iran

The Challenge of Transforming Urban Supply and Disposal Infrastructures to more Resource and Energy Efficiency

Helmut Lehn; *Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS)*; Karlsruhe, DE

Franka Steiner; *Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS)*; Karlsruhe, DE

Jasmin Friedrich; *Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS)*; Karlsruhe, DE

Dámara Araya Valenzuela; *Karlsruhe Institute of Technology, Institute for Technology Assessment and Systems Analysis (ITAS) / Engler-Bunte-Institute (EBI)*; Karlsruhe, DE

The Future of the CounTrYsIde

Carlos H Betancourth; *Eptisa, Smart Cities*; Barcelona, Spain

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

Nina Kiese; *Karlsruher Institut für Technologie, Institut für Geographie und Geoökologie*; Karlsruhe, DE

Christoph Mager; *Karlsruher Institut für Technologie, Institut für Geographie und Geoökologie*; Karlsruhe, DE

Urban Parterre Modelling UPM: Lifting the Cadastral Map to the Third Dimension

Angelika Psenner; *TU Wien, Institut für Städtebau, Landschaftsarchitektur und Entwerfen*; Wien, AT

Klaus Kodydek; *TU Wien, Institut für Städtebau, Landschaftsarchitektur und Entwerfen*; Wien, Österreich

Urban Planning in Bosnia and Herzegovina

Rahman Nurković; *University of Sarajevo, Faculty of Science, Geography*; Sarajevo, Bosnia and Herzegovina

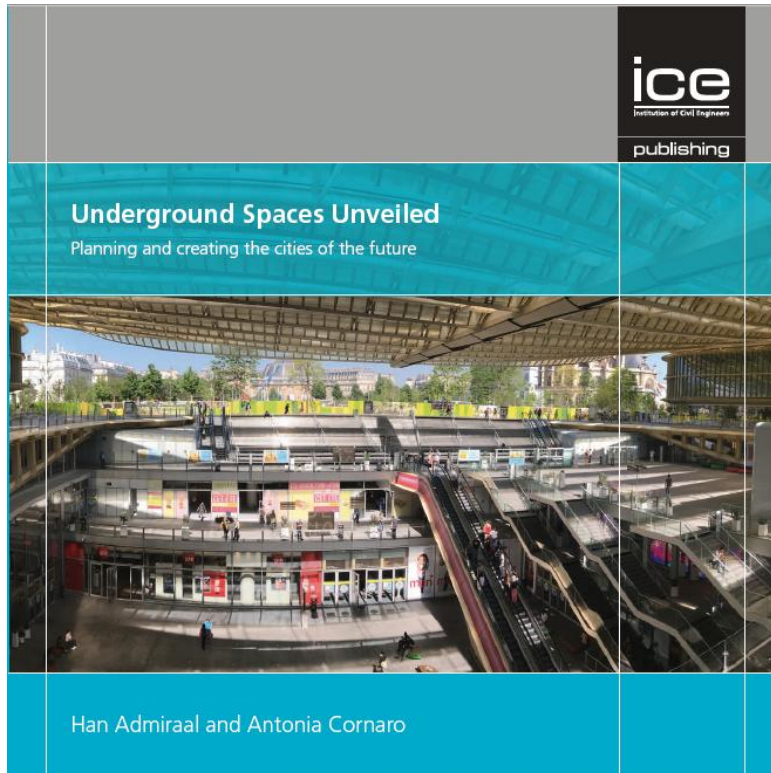
WAY-KEY – smarter Mobilitätsassistent für Menschen mit Demenzerkrankung

Clemens Beyer; *Accessible Map Association*; Vienna, AT

Wolfgang W. Wasserburger; *Accessible Map Association*; Vienna, AT

BOOK PRESENTATION

4 April 2018, 16:00



Underground Spaces Unveiled by Han Admiraal and Antonia Cornaro

Urban planners and decision makers are facing numerous challenges as cities worldwide rapidly expand, and urban space diminishes by the day. This results in an ever-increasing demand for space. Consequently, many concepts are being studied and implemented to mitigate the effects on the urban environment. At the same time, climate change requires a new kind of urban resilience and mitigation through a disconnect from fossil fuels and excessive carbon production. To achieve this, we need a new fundamental understanding of the urban metabolism which for now remains hidden. Understanding contemporary city life requires us to reconnect the biophysical and social domains. It also requires an in-depth knowledge of the subsurface metabolism that is an integral part of the urban metabolism.

In their book 'Underground Spaces Unveiled' this is just one of the topics that Han Admiraal and Antonia Cornaro discuss. During REAL CORP 2018 they will launch their book during a special session on 4 April from 16:00 to 18.00. The session will include a presentation, readings from the book and Q & A interaction, as well as refreshments.

