

# WORKSHOP 1: The Economics of urban Sprawl vis-à-vis the regulatory Framework – Contrast or Complementarity?

# Session 1: Economics of the Infrastructure System - Sat, 20 Sept (16:15 -18:15)

(4) Christeler, Stephane; Sall, Ousmane, SPS/CSDP, Geneva, Switzerland *Urban Growth without Sprawl: six examples in the city and region of Geneva* 

(8) Holanda, Frederico; Ribeiro, Romulo; Medeiros, Valerio, University of Brasilia, Brasil *Brasilia, Brazil: economic and social Costs of Dispersion* 

**(12)** Marinero, Angel; de las Rivas Sanz, Juan, Junta de Castilla y León, Simancas, Spain *Sprawl Control in a Spanish Region* 

**(15)** Pagonis, Thanos; Chorianopoulos, I.; Koukoulas, S.; Drymoniti, S., University of the Aegean, Mytilene, Greece *Urban Competitiveness and Sprawl as conflicting Planning Priorities: the Olympic legacy of Athens* 

(10) Kaur, Guneet, City Plan Services, Sydney, Australia Urban Sprawl - an issue of growing concern

## Session 2: Antidotes to Sprawl and best Practices Sun, 21 Sept (13:30 - 18:00) (break: 16:00-16:15)

(3) Byrnes, Terence, Byrnes & Associates Pty Ltd, Sydney, Australia Spread City - Learning to live with it

**(5)** Da Costa Lobo, Manuel, IST- CESUR, Lisbon, Portugal *Problems and Solutions of Environment and Urbanization in the World* 

(9) Jenkinson, James, self-employed, Winchester, United Kingdom *Eco-Cities, a sustainable Solution to Urbanisation?* 

(11) Altinok, Emrah; Cengiz, Hüseyin, Yildiz Technical University, Istanbul, Turkey *The Effects of urban Sprawl on spatial Fragmentation and social Segregation in Istanbul* 

(16) Petetit, Sylvain; Guet, Jean-Francois, CERTU, Lyon, France *The French SCOT, a good Tool to restrain urban Sprawl?*  (17) Rahman, Golam; Alam, Nurul; Alam, Deanna, United International University, Dhaka, Bangladesh *City Growth with urban Sprawl and Problems of Management for sustainable Urbanization* 

(20) van den Hoek, Joost W., Inbo.com, Amsterdam & TU Delft, Netherlands

*The Mixed-use Index (MXI) as Instrument for anti- Sprawl Policy* 

(6) Engelke, Dirk, pakora.net - Network for towns and regions, Karlsruhe, Germany *The economic View on urban Sprawl in decentralised metropolitan Areas and their Hinterland* 

(11) Listowski, Alicia, self-employed, Paris, France About metropolitan Space, data Processing and Self-Sufficiency

### Session 3: Conceptualising the Economies of urban Sprawl - Mon, 22 Sept (09:00 -12.00) (break: 11:00-11:15)

(7) Grozdanic, Milica, Town Planning Institute of Belgrade, Serbia Belgrade - European Metropolis, Transformations through Space and Time

(**13)** NIU, Xiong; BI, Xiongyang, Tsinghua University, Beijing, China; *Spatial Distribution of Industries in Chinese Cities during the transitional Period: A Case Study on the City of Nanning* 

(14) Owei, Opuenebo; Ede, Precious; Akarolo, Chimbiko, Rivers State University of Science and Technology, Port Harcourt, Nigeria Land Market Distortions in Nigerian Cities and Urban Sprawl: the Case of Abuja and Port Harcourt

(**19**) Twitchett, Bill, Association Terre et Cité, Arras, France *Convivial Regions versus Sprawl* 

(21) WEI, Yaping; MIN, Zhao, Zhejiang University, Hangzhou, China Entangling Land-Use Regulations in China's Urban Growth: The Case of Guangzhou



# WORKSHOP 2:

Public Transport, Road Pricing, Congestion Management and urban Land Use Development – Well-known basic facts and innovative concepts in practice

Session 1: A worldwide Problem - Sat, 20 Sept (16:15 -18:15)

(37) QI, Lei; LIU, Bin, Peking University, Beijing, China Urban Sprawl: A case study of Shenzhen, China

(23) Abimbola, Tofowomo, Ministry of Lands, Housing and Environment, Akure, Nigeria *The Planning Implications of urban Sprawl in Akure, Nigeria* 

(24) Erylmaz, Semiha Sultan; Cengiz, Hüseyin, Yildiz Technical University, Istanbul, Turkey *The urban Sprawl Model for an affected Metropolis: Bursa – Istanbul Example* 

(35) Ortiz Jasso, Eduardo, IMPLAN, Cancun, Mexico The Case Cancun

(34) Movahed, Khosro, Shiraz Azad Islamic University, Shiraz, Iran

Discerning Sprawl Factors of Shiraz City and how to make it livable

Session 2: Complexities - Sun, 21 Sept (13:30 - 18:00) (break: 16:00-16:15)

(40) Van den Burg, Arjen; Vink, Bart, VROM, The Netherlands Randstad Holland towards 2040 - perspectives from national government

(26) Fleischmann, Philipp, Andreas Hawlik Archi-tekt, Vienna, Austria

Waking up the dormitory Town – Visions for Vienna-Atzgersdorf

**(31)** LONG, Ying; SHEN, Zhenjiang; DU, Liqun, Beijing Institute of City Planning, Beijing, China *Complex constrained CA urban Model: Long-term urban form prediction for Beijing metropolitan area* 

(28) Gadet, Jos; van Zanen, Koos, Physical Planning Dept. Amsterdam, Netherlands *Shaping the Core City: It's people that matter* 

**(29)** Iranmanesh, Nasim; Etaati, Kouros, Islamic Azad University, Tehran, Iran *Pedestrianization - a great Necessity in urban Designing to create a sustainable City in developing Countries* 

- presented by Sara Fattahi

(36) Piracha, Awais, University of Western Sydney, Australia

Bridging the Gap between Policy Rhetoric and Action: Role of the State, public Sector Organizations and Individuals in sustainable Transport in Australia

**(38)** Savcic, Vladimir, Universidad Politecnica de Catalunya, Barcelona, Spain *Inter-Mobility as a Role for urban (Re)-Development of Belgrade public Space Areas* 

(33) McCormick, Tony, Hassell, Sydney, Australia 11 Studios in eleven Cities – Propositions for a sustainable future

(27) Frediani, Julieta Constanza; Giacobbe, Nora Odila; Ravella, Olga; Pistola, Juliana Paula, FAU-UNLP, La Plata, Argentina *Compact City – Sprawl City: two interacting urban forms* 

(41) Van Remmen, Yvonne; Van den Burg, Arjen, VROM, The Netherlands *Urban Growth without Sprawl, a way towards sustainable* 

urban Growth without Sprawi, a way towards sustainable urbanisation

- presented by Wim Houtsma

# Session 3: The broader Picture - Mon, 22 Sept (09:00 -12.00) (break: 11:00-11:15)

(30) LI, Yuan, HE, Zizhang, School of Architecture and Civil Engineering, Xiamen University, Xiamen, China 3D Indoor Navigation: a Framework of Combining BIM with 3D GIS

(42) Zumkeller, Dirk, Institute for Transport Studies, University of Karlsruhe (TH), Germany Does Vicinity lose Significance through Telecommunication? A glance at our future mobility

**(25)** Fattahi, Kaveh; Kobayashi, Hidetsugu, Hokkaido University, Sapporo, Japan *New Communication Infrastructures promoting new Criteria for compact Cities* 

(39) Storch, Harry, Brandenburg University of Technology, Cottbus, Germany *Adapting Ho Chi Minh City for Climate Change. Urban Compactness: a Problem or Solution?* 

(32) Magalhães, Fernanda; Rojas, Eduardo, UFRJ, Brasilia, Brazil *Stategic Project Choice in a Context of limited Resources* 



# WORKSHOP 3:

Concepts and Policies against urban Sprawl: Compact city, eco-city, city greening, and similar concepts - promises only or real successes

# Session 1: Defining Sprawl - Sat, 20 Sept (16:15 - 18:15)

(43) Castello, Iara Regina; Castello, Lineu, UFRGS / CNPq, Porto Alegre, Brazil *Compacting Porto Alegre: The new 'City Gates' Project* 

(44) Djokic, Jasmina & Graovac, Ana, Town Planning Institute of Belgrade, Serbia Implosive Sprawl – Belgrade Case Study

(48) Heyning, Helena, MB&A bv, Amsterdam, Netherlands *Smart Growth: Answer to urban Sprawl?* 

(60) Subba, Mahendra; Bjoenness, Hans Christie, Nepal; Norwegian University of Science and Technology, Trondheim, Norway

Urban Sprawl - A Necessary Evil? Towards a framework for research on urban containment for Kathmandu Valley, Nepal

# Session 2: Sun, 21 Sept (13:30 -18:00)

(break: 16:00-16:15)

# - Social Aspects of Sprawl

(45) Fattahi, Sara, Shiraz University, Shiraz, Iran Analyzing traditional Persian Cities as a Model for the Eco-City

**(56)** Rosenfeld, Elías; Discoli, Carlos; San Juan, Gustavo, IDE-HAB, la Plata, Argentina *Compact City versus diffuse City: their implications in urban life quality and sustainability* 

## - Inclusion of Competitiveness

**(46)** Goedman, Jan; Houtsma, Wim Heiko; Zonneveld, Wil, Ministry of Housing, Spatial Policy and the Environment (VROM), The Hague, Netherlands *Dutch spatial Planning: from implicit to explicit sustainable urban development* 

**(50)** Johnson, Craig, EDAW, Denver, USA Tropical green Cities

(54) Malusardi, Federico; Scoppetta, Cecilia, Sapienza University of Rome, Italy

Rethinking urban Morphology through urban Forestry (case Rome)

#### - Management of metropolitan Space

**(52)** LIU, Yun; PENG, Chong, School of Urban Design, Wuhan University, Wuhan, China *The Impact Analysis of the Town and Country Planning Act 2008 on the smart Growth of a small-sized Town in China: Case Study of Lianjiang Town Master Plan* 

**(57)** Schönwandt, Walter; Jung, Wolfgang; Bader, Johannes, University of Stuttgart, Germany *Internal Growth: Can strategic planning procedures help to achieve it?* 

## - Knowledge-led Growth

(47) Gossop, Chris, PINS, Milton Keynes, United Kingdom *Cambridge, England - Planning for knowledge-led Growth in a tightly constrained Sub-Region* 

(49) HUA, Ying & YANG, Xiaodi, Cornell University, Ithaca, USA

University Campus as creative Hub critical to the internal Expansion of the City

# Session 3: Internal Expansion - Mon, 22 Sept (09:00 -12.00) (break: 11:00-11:15)

(22) ZHANG, Xiaoli; HU, Yang, Beijing Municipal Institute of City Planning & Design, China Lay equal Stress on Land Utilization Efficiency and ecological Environment - Adhere to intensive Growth oriented Development Zone Construction

(1) Ainstein Luis, Buenos Aires University, Argentina *A systemic Approach to Sprawl: intervening factors, existing relationships, emerging consequences and required public policies* 

**(51)** LI, Bo, Graduate School of Landscape Architecture, Peking University, Beijing, China *Urban Sprawl Risk Assessment based on ecological Infrastructure: an approach to smart conservation* 

#### **(58)** Siedentrop, Stefan; Fina, Stefan, University of Stuttgart, Germany

Urban Sprawl beyond Growth: from a growth to a decline perspective on the costs of sprawl

**(59)** Smith, Garry, ENSR, Sydney, Australia Contributions of Brownfield Development to urban internal Expansion and urban Renewal in Practice



# WORKSHOP 4:

Metropolitan Management as Part of an urban Development and Governance Framework, from the national to the local Scale

### Session 1: Metropolitan Management in transitional Economies - Sat, 20 Sept (16:15 -18:15)

**(76)** Lorens, Piotr, Gdansk University of Technology, Poland Urban Regeneration vs urban Sprawl - problems and prospects in the post-socialistic cities

**(75)** Kudryavtsev, Fedor, Moscow Institute of Architecture, Moscow, Russia

City-scale private "Megaprojects": real estate manipulations or way to planned development

(70) Elisei, Pietro, DipSU - Uniroma 3/Planum.net, Velletri (Rome), Italy

Integrated Development Plans in Romania: pure formalities or tangible steps towards the design of a new culture of planning?

**(81)** Simatupang, Wita, Cipta Trimatra, Jakarta, Indonesia *Conurbations in Java, Indonesia: the call for multi stakeholder urban management* 

(nn) Martin, Rolf-Volker, BTU Cottbus, Germany Ho Chi Minh - Integrative Urban Adaptation Framework

#### Session 2: - Sun, 21 Sept (13:30 - 18:00) (break: 16:00-16:15)

#### - Policy Initiatives & urban Programmes

(78) Meijer, Michaël, SAB Strategie & Ontwerp, Velp, Netherlands

A Dutch Strategy for Urbanisation within valuable Landscapes

**(83)** Thierstein, Alain; Reiss-Schmidt, Stephan, Technische Universität Munich; Department for Urban Development Planning, City of Munich, Germany *Urban Development Management in Munich, Germany. Integrated strategy, impacts and learning from external evaluation* 

(71) FAN, Li, National Research Center of historic Cities, Shanghai, China *Cautious urban Redevelopment in Berlin* 

(73) Fritz Annika, UWI, Port of Spain, Trinidad and Tobago *Trincity Millennium Vision* - presented by Kenneth Snaggs

(80) Ordoñez, Juan Felipe, J. F. Ordoñez and Partners, Distrito Federal Mexico City, Mexico

*Xaman Ha City, an Answer to the poor Growth and spread Population*  **(64)** Aubert, Bernard, Private Office, Paris, France *The Challenge of Growing the City within its Limits* - presented by Alicia Listowski

**(nn)** Fernandes, Manish, Instituto Superior de Ciencias do Trabalho e da Empresa, Lisbon, Portugal *Housing Strategic Plan 2008-13: The Groundwork for a New Paradigm* 

#### - International Comparisons

**(82)** TANG, Yan; XU, Jingquan, China Academy of Urban Planning & Design, Beijing, China *Regional Governance of the Capital Metropolitan Region: A Comparative Study of Berlin-Brandenburg and Beijing* 

(69) Elgendy, Hany; Seidemann, Dirk; Wilske, Sebastian, University of Karlsruhe, Germany

Perspectives for urban Regeneration in European metropolitan Areas: a cross-border study in Germany and Switzerland

(72) Fiedorowicz, Kazimierz; Fiedorowicz, Jacek, Czêstochowa University of Technology, Warsaw, Poland *Shaping spatial Structure of the new Member Countries of the EU* 

(77) Lourenço, Julia; Danko, Cristina, University of Minho, Guimarães, Portugal *Generalizing urban Sustainability Assessment Methodologies: a discussion on selected European cases* 

## Session 3: Regional Governance & Planning -Mon, 22 Sept (09:00 -12.00) (break: 11:00-11:15)

(79) Mendes, Clara; Morgado, Sofia, LUOTP/FA-TU Lisbon, Portugal *Lisbon Metropolitan Area: Centralities, urban growth and policies* 

(67) Danko, Cristina; Lourenço, Julia, University of Minho, Guimarães, Portugal

Strategic Planning for equitable Territory Development: the case of sustainable water and wastewater infrastructure in northeast Portugal

(65) Brandão Alves, Fernando; Conceicao, Paulo; Granadeiro Cortesao, Joao; Pinho, Paulo, FEUP - DEC – CITTA, Porto, Portugal

The new Azores Regional Plan as a Tool to regulate the Sprawled Growth in the insular Portuguese Territory

(74) Hofman, Victor Hugo, UNAM, Mexico City, Mexico *Redensification vs. Sprawl; The metropolitan Area of the City of Mexico* 

(66) Chávez de Ortega, Estefanía, UNAM, Mexico City, Mexico

*Citizen Participation as a Means to control accelerated urban Sprawl* 



# WORKSHOP 5 Integrating ecological Management and cultural Heritage Conservation Agendas in urban Development

# Session 1: Heritage Conservation - Sat, 20 Sept (16:15 -18:15)

**(86)** Bracho, Diana; Faneite, Yuri; Faria, Carmen, Universidad del Zulia, Maracaibo, Venezuela Santa Lucía: A hidden Treasure in the urban Structure of Maracaibo

**(87)** CHUN, Zhang; BIN, Lu, Peking University, Beijing, China *A cultural-ecological Approach in the Regeneration of the inner City: The case of Nanluoguxiang in Beijing* 

(90) Gunay, Zeynep, Istanbul Technical University, Istanbul, Turkey

Neoliberal Urbanism and Sustainability of cultural Heritage

**(97)** Prothi Khanna, Nupur, beyondBUILT, Bangalore, India *The Future of the Past in sprawling Cities* 

**(105)** ZHU, Longbin; Sippel, Gerd, GTZ (German Technical Cooperation), Beijing, China *Sustainable Urban Conservation and Community Participation* 

#### Session 2: - Sun, 21 Sept (13:30 - 18:00) (break: 16:00-16:15)

## - Theory

**(91)** Kamrowska-Zaluska, Dorota; Kaczorowska-Fudala, Anna, Gdansk University of Technology, Sopot, Poland *Rush to become "globally relevant"- Culture based Development as a significant Factor towards sustainable Urbanization* 

**(94)** Martinico, Francesco; Nigrelli, Fausto Carmelo; La Rosa, Daniele, University of Catania, Catania, Italy *Urban Sprawl over the Countryside. The Landscape Protection Plan in Sicily* 

## - Urban Sprawl

**(85)** Beriatos, Elias, University of Thessaly, Athens, Greece Uncontrolled Urbanization and Landscape Transformation in Greece

(96) Mouriño, Nuri, Environmental Secretary, Mexico City, Mexico Networking in green

**(101)** Simms, Doneika, University of the West Indies, St. Augustine, Trinidad and Tobago *The Impact of Urbanization on ecological sustainable Development in Jamaica*  **(89)** Discoli, Carlos; Rosenfeld, Elías; Martini, Irene, IDEHAB, La Plata, Argentina *Urban Sprawl in the peri-urban Areas of La Plata and its Surroundings* - presented by Elias Rosenfeld

# - Landscape, Ecological Infrastructure

**(93)** LUAN, Bo; PENG, Wenjie; Hu, Huan, Graduate School of Landscape Architecture, Peking University, Beijing, China *Shaping Waterside City Form in Hangzhou through Wateroriented ecological Infrastructure* 

**(95)** *Mitrovic, Sonja; Kacar, Maja; Jankovic, Daniela, YMSD* Consulting, Toronto, Canada *Sustainable Solution for City Park 'USCE' - Dimension for the Future* 

**(102)** WANG, Sisi; CHEN, Chundi; YANG, Qian, Peking University, Beijing, China *Ecological Infrastructure as a powerful Instrument for smart Growth: A case study of Beijing* 

(103) XI, Xuesong; HAN, Hui, Graduate School of Landscape Architecture, Peking University, Beijing, China *Ecological Infrastructure and urban Landscape Identity* 

Session 3: Techniques - Mon, 22 Sept (09:00 - 12.00) (break: 11:00-11:15)

(93) DING, Yuan, National Research Center of Historic Cities, Tongji University, Shanghai, China Fengshui: the fading Landscape of Chinese Cities and cultural Heritage Sites - Case Study of Wuchang City and Wudang ancient Building Complexes

**(95)** LI, Rui, Wuhan University, Wuhan, China Urban Heritage Conservation by using GIS under Urban Renewal: A case study of Hankou historical district in Wuhan, China

**(100)** SHEN, Na; LIANG, Jiang; SUN, Hui, College of Architecture and Fine Arts, Dalian University of Technology, Dalian, China

Building the cumulative Impact Assessment System within the regulatory detailed Planning Framework in China

(98) QIAO, Qing; YUAN, Hong; YAN, Bin, Peking University, Beijing, China

Land Use Planning based on ecological Infrastructure in Metropolitan urban Fringe: Dongsanxiang Area, Beijing

(99) Schütt, Rolf, 3D REID, Glasgow, Scotland, United Kingdom

Raster based GIS for urban Management: a low-cost solution for developing countries

**(104)** Yamaguchi, Shinobu Yume; Leong, Ceelia; Takada, Jun-ichi, Tokyo Institute of Technology, Japan *Case studies on GIS Application on sustainable Development and cultural Heritage preservation in World Heritage Sites in Asia* 



# **WORKSHOP 6**

Patterns between Sprawling and Compact City Forms: Urban densities, housing and community formation, and social implications

Session 1: Urban Densities and Land Use Patterns — old and new (1) - Sat, 20 Sept (16:15 -18:15)

**(106)** Aón, Laura; Alvarez, Andrea; Ravella, Olga; Moro, Silvina, Unidad de Investigación, IDEHAB, FAU, UNLP, La Plata, Argentina

Enviromental Potentialities of urbanized Soil in Stages of Densification of central Areas: the case of La Plata old city center

(107) Butragueno, Belen, B2BCONCEPT, Madrid, Spain *New Networks for the old Paradise* 

(109) Chopra, Divya, School of Planning and Architecture, New Delhi, India

*Towards Compact Cities: "In-between" zones as resource. Case: Delhi* 

**(110)** Galor, David, Galor Planning and Design Ltd, Tel-Aviv, Israel

Urban Compacting without Sprawl: The Case of Ramat-Gan

(111) González Romero, Daniel; Pérez Bourzac, Maria Teresa; Rivera Borrayo, Elizabeth, Universidad de Guadalajara, Guadalajara, Mexico *When Destiny reaches us: Upwards Growth of a City in Conflict* 

Session 2: - Sun, 21 Sept (13:30 - 18:00) (break: 16:00-16:15)

- Urban densities and Land Use Patterns—old and new (2)

(117) LI, Zhiming; Wang, Wei, South East University, Nanjing, China

Illegal Construction on the urban Fringe as new Landscapes of urban Sprawl: the case of Nanjing, China

**(118)** LI, Dihua; LIU, Ke, Peking University, Beijing, China *Ecological Infrastructure first: A case study of the urban new developing zone of Hefei City, Anhui Province* 

(122) Vuksanovic, Goran, Ministry of National Development, Victoria, Seychelles

Ile Perseverance, new Town in Seychelles, innovative Way of avoiding urban Sprawl

**(123)** *WU*, Zhiling; Verweij, Jos; Smolders, Bert, DVR, China; Arnhem Municipality; Arcadis, Arnhem, Netherlands *Framing urban Development; spatial strategies by sister-cities Wuhan, China and Arnhem, Netherlands* 

(124) YIP, Stanley C.Y., ARUP China, Hong Kong, China Planning for Eco-cities in China: Visions, Approaches and Challenges (125) YU, Kongjian; LIU, Hailong, Peking University, Beijing, China

Ecological Infrastructure as a Tool for smart Growth: A reversed approach

#### - Housing, Community and dwelling Types

(112) HE, Yong, Beijing Municipal Institute of City Planning & Design, Beijing, China *Planning for Restrictions to Beijing's urban built-up Space* 

**(113)** Huang, Huan; Smolders, Bert; Verweij, Jos, WPDI Wuhan, China; Arcadis, Arnhem, Netherlands; Municipality of Arnhem, Netherlands

*Cultural Heritage Conservation in historic Wuhan – urban renewal and the creative industry* 

**(119)** MA, Hang, Harbin Institute Technology Shenzhen Graduate School, Shenzhen, China *Villages in Shenzhen-typical economic Phenomena of rural Urbanization in China* 

(121) Santos Cruz, Sara; Pinho, Paulo, FEUP - Faculty of Engineering of University of Oporto, Porto, Portugal *The Impact of closed Condominiums in the metropolitan Area of Oporto* 

**(126)** Zhai, Guofang; Suzuki, Takeshi, Nanjing University, Nanjing, China *Evaluating public Preferences for Sustainability with a Choice Experiment Approach in Japan* 

Session 3: Public Assistance & Community Initiatives in Housing - Mon, 22 Sept (09:00 -12.00) (break: 11:00-11:15)

(108) Campbell, Maria; Mshumpela, Andile, University of the Free State, Bloemfontein, South Africa *The Peoples Housing Process: a case of the Amathole District Municipality* 

(114) Hulshof, Ineke, Hulshof Architecten, Delft, Netherlands *Poetic Freedom* 

**(115)** Jakaitis, Jonas, Ministry of Environment of the Republic of Lithuania, Vilnius, Lithuania Interaction of Architecture and Society: City individuality under changeable informal effect conditions

(116) Kublacovs, Andis, University of Latvia, Riga, Latvia Urban Regeneration and Strengthening of local Neighbourhoods – the Way of Riga

**(120)** Marchand, Koenraad, Vrije Universiteit Brussel (VUB), Kwaremont, Belgium *Urban Autonomy and innovative Implementation of Regeneration Projects in disadvantaged Neighbourhoods*