



Congress Presenters

ACHWOKA, Francisco - Israel - Track 2
ADELEYE, Bamiji - Nigeria - Track 1
AKINYEMI, Oriyomi - Nigeria - Track 2
ALAGAPPPAN, Valliappan - India - Track 2
ALAM, Ashfaque - India - Track 6
ALEXANDER, Ryan - South Africa - Track 1
ALRAOUF, Ali - Qatar - Track 3
BABARINDE, Jacob - Papua NG - Track 4
BAKER, Nathaniel - Brazil - Track 6
BANDYOPADHYAY, Abir - India - Track 6
BICKFORD, Geoffrey - South Africa - Track 1
BISELLO, Adriano - Italy - Track 5
BOGUNOVICH, Dushko - New Zealand - Tr6
BOS, Caroline - Netherlands - Track 4
CAO, Genrong - China - Track 2
CAO, Zhejing - China - Track 4
CENDOYA, Alberto - Spain - Track 5
CHAKWIZIRA, James - South Africa - Track 1
CHATTERJEE, Amit - India - Track 1
CHATTERJI, Tathagata - India - Track 5
CHOUDHURY, Binayak - India - Track 6
COOKE, Sean - South Africa - Track 1
CORNELIUS, Selna - South Africa - Track 5
DALE, Catherine - South Africa - Track 3
DEL RE, Nicole - Italy - Track 5
DENG, Xiaoxiao - China - Track 1
DREWES, Ernst - South Africa - Track 1
ERDOGAN, Gizem - Turkey - Track 6
ERWEE, Chelsea - South Africa - Track 5
GALL, Tjark - Malawi - Track 3
GAMA, Mfanafuthi - South Africa - Track 6
GBECKOR-KOVE, Eden T. - Ghana - Track 3
GEORGIADOU, Maria Christina - UK - Track2
GHOSH, Solanki - India - Track 3
GIBBENS, Menini - South Africa - Track 6
GIBBERD, Jeremy - South Africa - Track 4
GOLDIE, Stephen - UAE - Track 3
GOOSEN, Zhan - South Africa - Track 3
GOVENDER, Tasyam - South Africa - Track 1
GREEN, Chéri - South Africa - Track 6

GUMBO, Trynos - South Africa - Track 6
GÜN, Ahmet - Turkey - Track 4
GUNAY, Zeynep - Turkey - Track 1
HAN, Yuan - China - Track 1
HANSMANN, Robynne - South Africa - Tr5
HEYER, Antje - Sweden - Track 2
HUANG, Jianxiang - Hongkong - Track 5
HULLEY, Renee Karen - South Africa - Tr2
HUNTER, Garfield - China - Track 5
INGWANI, Emaculate - South Africa - Tr6
IVKOVIC, Milena - Netherlands - Track 2
JIANG, Jinliang - China - Track 4
JIMOH, Umar - Nigeria - Track 3
JOHM, Faderr - Kenya - Track 4
JOUBERT, Tessa - South Africa - Track 3
JUNUSSOVA, Madina - Kazakhstan - Track 1
KALMAKOFF, Jacob - Kenya - Track 3
KARAKIEWICZ, Justyna - Australia - Track 5
KHWATHISI, Ntsieni C. - South Africa - Tr 5
KLINMALAI, Siwaporn - Thailand - Track 1
KURT, Ebru - Turkey - Track 1
LEDWON, Slawomir - Qatar - Track 1
LEKUNYA, Kelebone - South Africa - Track 1
LI, Wan - China - Track 2
LINCOLN, Gill - South Africa - Track 6
LOGGIA, Claudia L. T. - South Africa - Tr3
LUDLOW, David - United Kingdom - Track 5
LUO, Wen - China - Track 6
MABOZA, Sisa - South Africa - Track 1
MAKAN, Rajesh - South Africa - Track 1
MAKGALEMELE, Nozizwe - South Afr. - Tr6
MALASHENKO, Mikhail - Russia - Track 2
MAZUMDAR, Jublee - India - Track 4
MELCHIORRI, Michele - Italy - Track 4
MHLONGO, Mthokozisi - South Africa - Tr2
MLONYENI, Inga - South Africa - Track 6
MOSANNENZADEH, Farnaz - Italy - Track 5
MUKOYA, Alwaka Kent - Kenya - Track 4
MULABA-BA., Antoine - South Africa - Tr6
MUSAKWA, Walter - South Africa - Track 6
MUSOGA, Herbert - Kenya - Track 4
MWANG'A, Keziah - Italy - Track 3
NDWANDWE, Ntombenhle - South Afr. - Tr5
NEWTON, Caroline - Belgium - Track 2
NGIDI, Mbalenhle - South Africa - Track 6
NIEL, Lena - Netherlands - Track 3
NING, Yuxi - China - Track 6
NIU, Yuansha - China - Track 1
NIUE, Peter Njeru - Kenya - Track 4
NJEKE, Siyabonga - South Africa - Track 2
NYAMWANZA, Shylet - South Africa - Track 1
OBRACHT-PR., Hanna - Poland - Track 3
ODENDAAL, Nancy - South Africa - Track 5
OJO, Olajide Oyewole - Nigeria - Track 5
OJO, Oluwafemi - Nigeria - Track 5
OKEKE, Donald - Nigeria - Track 3
OLIVIER, Victoria - USA - Track 6
OMOSULU, Bamikole - Nigeria - Track 6
ONATU, George - South Africa - Track 1
ONWUNEME, Chioma - Nigeria - Track 3
ONYEMENAM, Prince Ike - Nigeria - Track 1
ORANJE, Mark - South Africa - Track 1
PAGE, Jessica - South Africa - Track 3
PAKDEELAO, Payap - Thailand - Track 1

PAKÖZ, Muhammed Ziya - Turkey - Track 4
 PANCEWICZ, Lukasz - Poland - Track 2
 PÄTSCH, Carolin - Germany - Track 3
 PESSOA, Pablo - Brazil - Track 4
 PIRACHA, Awais - Australia - Track 3
 PITRIA, Meidesta - Japan - Track 2
 POBINER, Joseph - USA - Track 6
 PRETORIUS, Ockert - South Africa - Track 6
 PRIGARA, Joanna - Poland - Track 4
 ROHR, Hildegard Edith - South Africa - Tr4
 ROUSSEAU, Eloise - South Africa - Track 4
 SANGARE, Ahmed - Ivory Coast - Track 1
 SARKAR, Basudatta - India - Track 4
 SCHACKMAR, Jakob - Germany - Track 1
 SCHATZ, Laura - Australia - Track 4
 SCHEERBARTH, Benjamin - Germany - Tr3
 SCHUT, Miranda Schut - UK - Track 4
 SHIPPEY, Karen - South Africa - Track 1
 SOUZA CRUZ, Andrea - Brazil - Track 1
 TAHERI MOOSAVI, Somayeh - UK - Track 5
 TORRES, Nilton - Brazil - Track 3
 TUTAR, Özgün - Turkey - Track 2
 VAN DEN HOF, John - Netherlands - Track 5
 VARUGHESE CH., Prasanth - India - Track 5
 VETTORATO, Daniele - Italy - Track 5
 VLOEBERGH, Guy - Belgium - Track 5
 WANG, Qingqing - China - Track 5
 WANG, Shu - China - Track 6
 WANG, Xiaojun - China - Track 2
 WANG, Xingping - China - Track 5
 WANG, Zhenyu - China - Track 5
 WIDAYATI, Naniek - Indonesia - Track 5
 WISNIEWSKA, Magdalena - Poland - Track 2
 WU, Hao - China - Track 1
 ZHANG, Xiao - China - Track 3
 ZHANG, Yisha - China - Track 1
 ZHAO, Ning - China - Track 5
 ZHAO, Yizhou - China - Track 1
 ZHENG, Lulin - China - Track 6
 ZHU, Jingyi - China - Track 3
 ZITHUTHA, Mswankile - South Africa - Tr4
 ZULU, Khethukuthula - South Africa - Tr2

Track 1. Transforming Human Settlements

Session 1: Rural transformations, fringe, sprawl

Madina JUNUSSOVA, University of Central Asia, Almaty, Kazakhstan

Planning economic development of city and region: strategic assumptions of the state versus local capacities

Siwaporn KLINMALAI, Thammasat University, Pathumthani, Thailand

The adaptation of former gated communities in urban sprawl of Bangkok metropolitan area, Thailand

Xiaoxiao DENG, Shanghai Tongji Urban planning & Design institute, Shanghai, China; Xiao ZHANG, Jiangsu Institution of Urban Planning and Design, Nanjing, China

Spatial evolution of rural settlements in urban fringe of Shanghai metropolitan area

Ernst DREWES, Mariske VAN ASWEGEN, North-West University, Potchefstroom, South Africa

Rural resilience: transforming mining towns and settlements

Prince Ike ONYEMENAM, Oluwabukola A. AYANGBILE, Ayobami POPoola, Bamiji M. ADELEYE, University of Ibadan, Ibadan, Nigeria

Towards transforming human settlements in urban fringes of delta state, Nigeria

Ahmed SANGARE, Totem Architects, Abidjan, Ivory Coast

Deprived human settlements in Abidjan: from theory to action

Session 2: Morphology, rehabilitation

Payap PAKDEELAO, Thammasat University, Pathumthani, Thailand; Korawan RUNGSAWANG, Silpakorn University, Bangkok, Thailand

Four decades of vertical living: a comprehensive analysis of the architectural development of the vertical housing projects by the national housing authority in Bangkok and the greater metropolitan area between 1973 and 2013

Bamiji ADELEYE, Mohammed NDANA, Federal University of Technology Minna, Niger, Nigeria; Oluwabukola AYANGBILE; Ayobami POPOOLA, University of Ibadan, Ibadan, Nigeria

Urban transformation: a changing phase of Minna central area

Yuansha NIU, Jiangsu Institute of Urban Planning and Design, Nanjing, China

The preservation and sustainable utilization research of Suitang Luoyang ancient city based on the precise historical information re-mapping

Xiao ZHANG, Jinsong JIANG, Jiangsu Institution of Urban Planning and Design, Nanjing, China; Xiao DENG, Tongji Institution of Urban Planning and Design, Shanghai, China

Regeneration for traditional residential community of water towns south of the Yangtze River based on cultural planning

Yizhou ZHAO, Tsinghua University, Beijing, China

Micro-transforming: a new strategy for hutong settlement in historic districts. Case study on Yangmeizhu-Xiejie in Beijing

Zeynep GUNAY, Istanbul Technical University, Istanbul, Turkey

Limits to hospitality and right to the city in the ruins of a world heritage site: Suleymaniye in Istanbul historic peninsula

Malgorzata HANZL, Lodz University of Technology, Łódź, Poland

The transformation of former Jewish structures in the towns of central Poland – spatial order and its perception

Session 3: Walking, running, soft transportation, public space

Hao WU, Yong CHEN, Tongji University, Shanghai, China

Urban design factors associated with perceived assessment in elderly's walking activities: case study of central Shanghai, China

Shylet NYAMWANZA, James CHAKWIZIRA, University of Venda, Thohoyandou, South Africa

An assessment of infrastructure provisions and services for persons with disability at University of Venda and its surroundings

Ebru KURT, Istanbul Technical University, Taksim-Istanbul, Turkey

Transformation of public space in terms of politics and power: the case of Beyazit square

Session 4: Transportation and sustainable infrastructure

Ryan ALEXANDER, Aurecon South Africa (PTY) Ltd, Cape Town, South Africa; Karen SHIPPEY, Provincial Government of the Western Cape, Cape Town, South Africa

Delivering sustainable urban infrastructure – a feasibility study of two Western Cape municipalities

Geoffrey BICKFORD, South African Cities Network, Johannesburg, South Africa

Transit Oriented Development approaches for developing world cities: some insights based on the South African context

Sean COOKE, Roger BEHRENS, University of Cape Town, Cape Town, South Africa

Transforming human settlements to support viable public transport in developing cities: results of a public transport corridor operating cost model

Sisa MABOZA, Passenger Rail Agency of South Africa, Kempton Park, South Africa

Transit oriented development as a tool for transforming negative urban spaces in South African townships

Yuan HAN, Jiangsu Institute of Urban Planning & Design, Nanjing, China

**Industrial land redevelopment in rapid urbanization area under “stock development”
background: an empirical analysis of a city in the Yangtze River delta, China**

Session 5: Building sustainable cities

Amit CHATTERJEE, School of Planning and Architecture, Bhopal, Bhopal, India; Soumendu CHATTERJEE, Presidency University, Kolkata, India; R.N. CHATTOPADHYAY, Indian Institute of Technology, Kharagpur, India

Transforming Mumbai city: removing the bottlenecks to achieve future sustainability

Andrea SOUZA CRUZ, Mauro César SANTOS, UFRJ, Rio de Janeiro, Brazil; Adriana Fiorotti CAMPOS, UFES, Vitória, Brazil; Joyce TENÓRIO, UNISUAM, Rio de Janeiro, Brazil

Transforming the urban chaos with environmental recovery: Pedra Branca forest case, Brazil

Yisha ZHANG, Yifan YU, Tongji University, Shanghai, China

**Residential differentiation and socioeconomic reorganization under spatial reconstruction
- a case study of the new town plan of new Beichuan, Sichuan, China**

Session 6: Transforming African cities

Tasyam GOVENDER, Nisa MAMMON, NM & Associates, Cape Town, South Africa

The American dream: urban densities in South African cities

Kelebone LEKUNYA, Mark ORANJE, University of Pretoria, Pretoria, South Africa

**Exploring the spatial and economic development impacts of the African
Growth and Opportunity Act (AGOA) in Lesotho**

Rajesh MAKAN, Rural Development and Land Reform, Pretoria, South Africa

A new framework for spatial planning and land use management legislation in South Africa

George ONATU, University of Johannesburg, Johannesburg, South Africa

**Mixed income housing development model for South Africa: a case of
Cosmo city, Johannesburg and Cornubia, Ethekwini**

Jakob SCHACKMAR, University of Kaiserslautern, Kaiserslautern, Germany

22 years of post-apartheid urban change in South Africa. Done enough?

Track 2. Planning Activism and Social Justice

Session 1: Planning and social justice

Mthokozisi MHLONGO, Zama LONDIWE, City of Umhlathuze Municipality, Umhlathuze, South Africa

A new dawn for the South African planning system

Francisco ACHWOKA, Ben-Gurion University of The Negev, Beersheba, Israel

Transportation issues of cities in developing countries - case study of Nairobi, Kenya

Wan LI, Shuying DAI, Renmin University of China, Beijing, China

The desire of settling in cities of the new generations of Chinese migrant workers

Verna NEL, Tony WILLIAMS, Simangu NKOSI, University of the Free State, Bloemfontein, South Africa

A framework for sustainable land use management in rural areas under traditional authority

Session 2: Social structures

Siyabonga NJEKE, Vishnu GOVENDER, KZN COGTA, Durban, South Africa

The rise of the social elite: a challenge to planning activism and social justice in South African cities

Magdalena WISNIEWSKA, Cracow University of Technology, Kielce, Poland

Citizen participation – a successful strategy in revitalization of panel building estates’ public space or a marketing slogan

Antje HEYER, HEM-Organisation for vulnerable EU-migrants, Täby, Sweden

Criticising Sweden’s treatment of Europe’s most vulnerable citizens – what can we learn from slum upgrading projects in South Africa when it comes to increasing poverty and informality in Northern Europe?

Session 3: Public policy and capacity building

Khethukuthula ZULU, Hibiscus Coast Municipality, Port Shepstone, South Africa

Public participation in IDP, Kwazulu-Natal, South Africa

James CHAKWIZIRA, Mac MASHIRI, Gwarajena TRD, Pretoria, South Africa; Cecilia NJENGA, Peter NJENGA, Kena Consult Pvt/Ltd, Pretoria, South Africa; Maartin FRIEDRICH, Manna Development Consultancy (Pty) Ltd, Pretoria, South Africa; Rajesh MAKAN, Department of Rural Development & Land Reform, Pretoria, South Africa

Towards a curriculum & capacity development framework in support of a land use classification system in South Africa

Caroline NEWTON, KU Leuven and OVAM, Mechelen, Belgium

The successful transferability of community driven housing programs in South-East Asia and the role of international NGOs

Renee Karen HULLEY, Black Balance Projects, South Africa

South African cities: changing spaces

Session 4: Economic justice

Oriyomi AKINYEMI, Wale ALADE, Vistaplan Consulting, Lagos, Nigeria

The socio-economic transformation of Makoko community, Lagos, Nigeria

Xiaojun WANG, China Academy of Urban Planning and Design, Beijing, China

Revitalizing a historic district: Dalian Xinglong historic district case study

Lukasz PANCEWICZ, a2p2 architecture & planning and Gdansk University of Technology, Gdansk, Poland

The allure of the great leap forward

Özgün TUTAR, Richard SZERI, Eylem BAL, Dokuz Eylül University, Izmir, Turkey

Neoliberal intervention to the coastal areas: the case study of Port Alaçati, Turkey

Session 5: Planning activism

Maria Christina GEORGIADOU, Isis NUNEZ FERRERA, Ben FAGAN-WATSON, University of Westminster, London, United Kingdom

A critical review of top-down vs. Bottom-up models for informal settlement upgrading in South Africa

Mikhail MALASHENKO, Higher School of Economics, Tula, Russia

Civil activism as a means of promoting participatory planning: the case of Tula

Milena IVKOVIC, Blok74 urban gaming / built environment, Rotterdam, Netherlands

Hello city!

Session 6: Inclusive planning

Meidesta PITRIA, The University of Tokyo, Chiba, Japan

Housewives empowerment in urban Kampung house extension strategy a case study in Kampung Cikini, central Jakarta, Indonesia

Valliappan ALAGAPPAN, Albert HEFFERAN, Aarthi PARIVALLAL, School of Planning and Architecture, Vijayawada, India

Exploring accessibility issues of public buildings for mobility impaired. Case study: interstate bus terminal (ISBT), Vijayawada, India

Genrong CAO, Jian ZHUO, Tongji University, Shanghai, China

Analysis on influencing factor of the choice on commercial facilities for the elderly going shopping on foot—an empirical study of four typical residential communities in central Shanghai

3. Envisaging Planning Theory and Practice for the Next Decades

Session 1: Managing innovation and change

Carolin PÄTSCH, Brandenburg University of Technology Cottbus-Senftenberg, Berlin, Germany

The capacity of institutional innovations for planning practice – reinventing application

Jingyi ZHU, Tongji University, China; Ming TONG, College of Architecture and Urban Planning, Shanghai, China

Heterotopia and equilibrium of contest urban space—an investigation of an accommodation-assimilation mechanism

Nilton TORRES, USP - University of Sao Paulo, Sao Paulo, Brazil

Through a Rhizomatic process of planning

Jacob KALMAKOFF, UN Habitat, Nairobi, Kenya

Mis-romanticism of hidden spaces and gentrification

Hanna OBRACHT-PRONDZYNSKA, Dorota KAMROWSKA-ZALUSKA, Gdansk University of Technology, Gdansk, Poland

In search for new urban planning education and research formulas

Xiao ZHANG, Jiangsu Institution of Urban Planning and Design, Nanjing, China; Jinsong JIANG, Yinlong LIANG, China

Evaluating the implementation performance of historical and cultural town planning: case of Guangfu town

Session 2: Environmental planning

Lena NIEL, Maaikje BLAUW, Deltares, Utrecht, Netherlands

Using the natural ecosystem to achieve urban societal ambitions

Zhan GOOSEN, North West University, Eshowe, South Africa; Elizelle Juanee CILLIERS, North West University, Potchefstroom, South Africa

Planning for sustainable communities is planning for green spaces

Stephen GOLDIE, Abu Dhabi Department of Municipal Affairs, Al Ain, United Arab Emirates

Sustainability and the revolution in urban planning

Tjark GALL, Urban Framework, Lilongwe, Malawi

Tackling urban challenges in Sub-Saharan Africa through indicator-based sustainability assessment

Session 3: Post-colonial planning challenges

Claudia Luisa Teresa LOGGIA, Judith OJO-AROMOKUDU, University of KwaZulu-Natal, Durban, South Africa; Maria Christina GEORGIADOU, University of Westminster, London, United Kingdom

Normal informal living spaces in South African low income human settlements

Chioma ONWUNEME, Donald OKEKE, African Settlement Research Group, Enugu, Nigeria

Bridging the gap between planning theory and practice in Africa: towards a theoretical solution

Keziah MWANG'A, Gran Sasso Science Institute, L'Aquila, Italy

Spatial planning in Nairobi: beyond the post-colonial paradigm?

Session 4: Post-colonial planning challenges

Awais PIRACHA, Western Sydney University, Minchinbury, Australia

What explains the tale of two cities: community engagement in urban planning in New South Wales, Australia

Umar JIMOH, Philip IGHOSOYIWI, University of Ibadan, Ibadan, Nigeria

Bi-conceptual planning modelling in tackling a rural threshold challenges in Nigeria

Eden Tekpor GBECKOR - KOVE, Ho Municipal Assembly, Ho, Ghana

A reflection on the changing faces of urban land use planning in Ghana

Session 5: Tools for integrated planning

Jessica PAGE, Carel SCHOEMAN, North West University, Potchefstroom, South Africa

Investigating the lack of integration within district municipalities: effects of Spluma on integration

Catherine DALE, The Planning Initiative, Durban, South Africa; Joanne LEES, Lees & Short Associated Architects and LSF Designco Lab (Pty) Ltd, Durban, South Africa; Paul WJGERS, Urban Solutions, Durban, South Africa

Transforming the shape of Durban – a local area plan for the inner city of Durban, Ethekewini municipality

James CHAKWIZIRA, Cecilia NJENGA, Peter NJENGA, Kena Consult Pvt/Ltd, Pretoria, South Africa; Mac MASHIRI, Gwarajena TRD, Pretoria, South Africa; Buyisiwe ZUMA, Rajesh MAKAN, Department of Rural Development & Land Reform, Pretoria, South Africa; Maartin FRIEDRICH, Manna Development Consultancy (Pty) Ltd, Pretoria, South Africa

Growing the seed of spatial transformation: an overview of the capacity building and training dimensions of Spluma (2013), South Africa

Ali ALRAOUF, Urban Planning Department Qatar, Doha, Qatar

A paradigm shift from resources economy to knowledge economy: the case of urban development in Qatar

Session 6: Tools for integrated planning

Solanki GHOSH, Ronita BARDHAN, Indian Institute of Technology, Bombay, Mumbai, India

Understanding variables for contextual re-generation of urban areas - case study of Kolkata, India

Benjamin SCHEERBARTH, Thomas STELLMACH, Gianluca CRISPI, UN-Habitat, Nairobi, Kenya

Un-Habitat's rapid planning studio: transdisciplinary planning for periods of rapid urban growth

Tessa JOUBERT, North-West University, Pretoria, South Africa

A focus on biodiversity and ecosystem services redefines urban planning and design

Track 4. Urban Planning and Policy Making in Times of Uncertainty, Fragility and Insecurity

Session 1: Master-strategic-futuristic planning and the property development process

Jacob BABARINDE, Papua New Guinea University of Technology, Lae, Papua New Guinea

Application of a holistic land development model for city sustainability: a flux of messy situations extending the frontiers of planning theory

Laura SCHATZ, Western Sydney University, Penrith, Australia

When planning becomes litigation: comparative case studies of the ideologies of appeal decisions in New South Wales and Ontario

Miranda SCHUT, The Spontaneous City International, London, United Kingdom

The future of urban living – planning for the unknown in Amsterdam

Caroline BOS, UNStudio, Amsterdam, Netherlands; Justyna KARAKIEWICZ, The University of Melbourne, Melbourne, Australia

Masterplanning as trouble shooting. Networks of professionals replace planning authorities in the planning of Arnhem Centraal

Session 2: Master-strategic-futuristic planning and the property development process

Ito AKPAN, University of Uyo, Uyo, Nigeria

Effects of changing land uses on intra-city roads in Calabar municipality, Cross River State, Nigeria

Michele MELCHIORRI, Domodossola, Italy

Intergovernmental organizations and human settlements; how the world polity is shaping the debate on cities

Eloise ROUSSEAU, Riaan VAN EEDEN, City of Cape Town, Cape Town, South Africa

Growing small businesses in South African townships: how planning tools can facilitate economic growth

Herbert MUSOGA, Rose MUSYOKA, National Land Commission, Nairobi, Kenya

Opportunities and challenges for urban planning under Kenya's new constitutional dispensation

Session 3: Master-strategic-futuristic planning and the property development process

Peter Njeru NIUE, Joshua Munge MANAGE, University of Nairobi, Nairobi, Kenya

An investigation into the application of improved building technology in office blocks to mitigate the impact of terrorist attacks in Nairobi

Joanna PRIGARA, Gdansk, Poland

Strategical planning for uncertain times

Muhammed Ziya PAKÖZ, Ahmet GÜN, Istanbul Technical University, Istanbul, Turkey

The transformation and reorganization of cities in South-Eastern Turkey: an examination from the safety perspective

Session 4: Climate change, sustainability and infrastructure services

Faderr JOHM, UN Habitat, Nairobi, Kenya

Guiding principles for city climate action planning

Hildegard Edith ROHR, IQConsulting; Water Research Commission, Pretoria, South Africa

Spatial resilience, adapting to water sensitive planning in South Africa

Zhejiang CAO, Tsinghua University, Beijing, China

The framework of resolving water issue in spatial planning in Netherlands

Mswankile ZITHUTHA, South Africa

Designing rainwater harvesting cities

Alwaka Kent MUKOYA, Nairobi City Water and Sewerage Company, Nairobi, Kenya

Climate change, water and wastewater, risks and uncertainties: case study of Kenya cities and towns

Farnaz MOSANNENZADEH, Daniele VETTORATO, Simon PEZZUTTO, EURAC, Trento, Italy; Maria Rosaria DI NUCCI, Freie Universität Berlin, Berlin, Germany

A taxonomy of barriers to implementation of smart energy city projects in Europe: an empirical approach

Session 5: Spatial analysis and environmental risk modeling

Jinliang JIANG, Jiangsu Institute of Urban Planning and Design, Nanjing, China,

Spatial simulation of air pollutants based on regression models between the pm2.5 concentrations and urban land use: a case study of Nanjing

Jublee MAZUMDAR, Saikat Kumar PAUL, Indian Institute of Technology, Kharagpur, India

Determining the social and spatial vulnerability of a place from potential natural hazards

Jeremy GIBBERD, CSIR, Pretoria, South Africa - combined presentations

Sustainable goods and services

Sustainable waste streams

Session 6: Spatial analysis and environmental risk modeling

Basudatta SARKAR, National Institute of Technology Rourkela, Rourkela, India; Haimanti BANERJI, Joy SEN, Indian Institute of Technology Kharagpur, Kharagpur, India

Assessment of socio-economic vulnerability using select indicators

Pablo PESSOA, Gabriel SALLES REGO, Raiza GOMES FRAGA, Tainá LABREA FERREIRA, University of Brasília, Brasília, Brazil

The contribution of risk relations to urban planning practices: rethinking floods and other natural disasters of anthropic synergy

Track 5. Intelligent Cities for People

Session 1: Intelligent cities of emerging economies

Xingping WANG, Southeast University, Nanjing, China; Kai ZHU, Zhejiang University of Technology, Hangzhou, China

Innovative space of metropolitan area: types, patterns and evolution

Qingqing WANG, Nanjing, China

The research of spatial form in Xinjiang vernacular settlement focuses on water resources

Xiaojun WANG, China Academy of Urban Planning and Design, Beijing, China

Eco-smart research parks: Shanxi Science and Technology City case study

Naniek WIDAYATI, Tarumanagara University, Jakarta, Indonesia

Old city restoration of Jakarta, Indonesia

The sub-district of Glodok is part of a to-be embryo of Jakarta city located between the Jakarta West and North. The emerging problem is an unfortunate image of traffic jams, etc. Becoming the Manhattan of Asia needs presidential regulation stipulating restoration.

Session 2: Intelligent cities of developed countries

David LUDLOW, UWE, Bristol, United Kingdom

Intelligent city planning – meeting people's requirements?

Bruno MONARDO, Leonardo BIANCHI, Nicole DEL RE, Andrea SIMONE, Almona TANI, Sapienza University of Rome, Roma, Italy

Smart specialization strategies for supporting the Europe 2020 vision

Chelsea ERWEE, University of Kwa-Zulu Natal, Durban, South Africa

Rebranding Umhlanga as an intelligent city

Jianxiang HUANG, The University of Hong Kong, Hong Kong, Hongkong; Lishuai LI, Department of System Engineering and Engineering Management, the City University, Hong Kong, China

Pleasant urban experiences: re-examining place-making theories using social media data in high-density cities

Session 3: Planning with Big Data / complex systems

Justyna KARAKIEWICZ, The University of Melbourne, Melbourne, Australia; Caroline BOS, UNStudio and University of Melbourne, Amsterdam, Netherlands

Ever smarter, cities that learn: the application of complex adaptive systems theory to urban development

Ning ZHAO, Jianjun WANG, Shoujia ZHU, Guangzhou Urban Planning & Design Survey Research Institute, Guangzhou, China

An empirical study on mega-city commercial spaces distribution characteristics: exploratory big-data analysis on Guangzhou, China

Zhenyu WANG, Jiangsu Institute of Urban Planning and Design, Nanjing, China; Pengpeng ZHOU, Nanjing Institute of Technology, Nanjing, China

The role big data plays in the construction of smart city: a case study in Shanghai

Zhejiang CAO, Tsinghua University, Beijing, China

The interaction mechanism between urban planning, land supply and tertiary industry spatial structure in Hong Kong

Prasanth VARUGHESE CHARAKUNNEL, Kiranjith CHULLIPARAMPIL, Anuradha CHAKRABARTI, Drishti Center for Urban Research, India

The urban conundrum in defining smartness; citizen or technology: a critique into the Indian idea of smart city

Session 4: Smart transport / infrastructure

Giovanni SERGI, University of Genoa, Genoa, Italy

Intelligent cities for local growth, smart city in Italy: the case of the Municipality of Genoa

Ntsieni Colin KHWATHISI, James CHAKWIZIRA, Peter BIKAM, University of Venda, Thohoyandou, South Africa

Smart mobility: challenges of integrating intelligent transport systems for enhanced transportation systems performance

Oluwafemi OJO, Eric MBAUKAAN, Federal University of Technology, Minna, Nigeria; Paul AJAYI, University of The Witwatersrand, Johannesburg, South Africa

Urban core health vulnerability: assessment of carbon monoxide level in Bida, Niger State

Robynne HANSMANN, Durban University of Technology, Durban, South Africa

How integrated is the airport in the production of space?

Olajide Oyewole OJO, Olusiji IPINGBEMI, Olusola OLUFEMI, University of Ibadan, Ibadan, Nigeria

Promoting non-motorized transport (NMT) to reduce vehicular emissions in Nigerian cities

Session 5: Participatory smart planning

John VAN DEN HOF, Saxion University of Applied Sciences, Enschede, Netherlands

Digitalization and planning empowerment

Nancy ODENDAAL, University of Cape Town, Cape Town, South Africa

How smart are we about smart cities? Exploring opportunities for empowering alternatives

Guy VLOEBERGH, OMGEVING and University ANTWERP, Antwerp, Belgium; Philippe VAN WESENBEECK, Department Spatial Planning, Ghent, Belgium

Inspire and be inspired: an innovative, citizen-centered design of the spatial structural vision 'Room for Ghent'

Tathagata CHATTERJI, School of Planning and Architecture Vijayawada, Vijayawada, India; Souvanic ROY, Indian Institute of Engineering Science and Technology, Shibpur, India

Participatory planning in the age of smart cities in India

Alberto CENDOYA, University of Navarra, Pamplona, Spain

Digital slums - understanding the importance of the digital connectivity to transform African slums: the case of Cape Town

Session 6: Smart energy in cities

Ntombenhle NDWANDWE, GSC Holdings Pty, Johannesburg, South Africa

Green energy for African cities - the changing landscape of our cities

Somayeh TAHERI MOOSAVI, University of Manchester, Manchester, United Kingdom

Distributed ledger technologies (Blockchain) in urban energy systems, the case study of smart plugs in the UK

Garfield Wayne HUNTER, Guanzeng ZHANG, Lan WANG, Tongji University, Shanghai, China; Daniele VETTORATO, European Academy of Bolzano, Bolzano, Italy

Urban energy planning of human settlements: taxonomy, frameworks, and tools to guide planning evaluation and support decision-making

Adriano BISELLO, Daniele VETTORATO, EURAC Research, Bolzano, Italy

Verifying and weighting citizens' priorities for energy refurbished dwellings

Farnaz MOSANNENZADEH, Adriano BISELLO, Roberto VACCARO, Valentina D'ALONZO, Garfield WAYNE HUNTER, Daniele VETTORATO, EURAC, Trento, Italy

Definition of smart energy city development

Track 6. Planning for an Interlinked and Integrated Rural-Urban Development

Session 1: Application of spatial planning tools, models and processes

Gill LINCOLN, Durban University of Technology, Durban, South Africa

Regional planning in South Africa: a mandate absent since 1994?

Yuxi NING, Southeast University, Nanjing, China; Lingjin WANG, China

Study on residential spatial integration of migrant population in China—a case study of Nanjing city

Mbalenhle NGIDI, University of KwaZulu Natal, Durban, South Africa

A critical analysis on the applicability of previously established theoretical growth models in post-apartheid South Africa (the case of the Durban metropolitan area)

Nozizwe MAKGALEMELE, Department of Rural Development and Land Reform, Pretoria, South Africa

District rural development planning to guide the transformation and uplift of the lives of rural communities through linking economic production to the value chains and rural-urban markets

Session 2: Generating local economic development through spatial planning

Inga MLONYENI, University of Kwa-Zulu Natal, Durban, South Africa

Investigating the needed development to be proposed using communicative planning as a tool to enhance local economic development at Nzimakhwe location

Chéri GREEN, Gerbrand MANS, Mawande NGIDI, Zukisa SOGONI, Johan MARITZ, Council for Scientific and Industrial Research, Stellenbosch, South Africa

Using catchment areas analysis and GIS based spatial analysis for prioritising spatial investment in non-metro South Africa

Menini GIBBENS, Carel SCHOEMAN, North West University, Alberton, South Africa

The spatial context of sustainable rural livelihood development

Ockert PRETORIUS, Ernst DREWES, North West University, Potchefstroom, South Africa

The spatial integration of the Sadc through development corridors

Session 3: Changes due to migration and urbanisation

Joseph POBINER, Gensler, Dallas, United States of America

The impact of population increase and urban migration on global sustainability and quality of life

Victoria OLIVIER, Detroit Future City, Detroit, United States of America

New Detroit—where the urban and rural meet

Wen LUO, Xiaowei HUO, Ning JIA, Xiaofeng LIU, Jie ZHANG, Tsinghua Tongheng Urban Planning & Design Institute, Beijing, China

Rural: the history and future of the city: research on the current situation and utilization strategy of the traditional villages in Linhai

Shu WANG, Tongji University, Shanghai, China

Evolution of traditional boat dwellers' settlements in the process of urbanization in southeast coastal region of China

Antoine MULABA-BAFUBIANDI, University of Johannesburg, Johannesburg, South Africa

Rural development and modernisation of villages in Tzaneen (Limpopo) district municipality: an equivocal dilemma

Session 4: Urban/rural relationships

Lulin ZHENG, Guoping XIONG, Southeast University, Nanjing, China

Impacts of national rural policy on the urban-rural relationship: a case study from Changfu, Guangxi, China

Bamikole OMOSULU, Gbolabo OSUNSANMI, Rufus Giwa Polytechnic, Owo, Nigeria

A study of rural-urban linkages in a developing economy of Owo region, Nigeria

Abir BANDYOPADHYAY, National Institute of Technology Raipur, Raipur, India

Integrated rural-urban development in India: an introspection

Walter MUSAKWA, Sinovuyo. B SITINGA, University of Johannesburg, Johannesburg, South Africa

Urban development versus rural development and ruralism in South Africa and Zimbabwe: what the people really want

Urban development, industrialisation and technological development are not what the people often want in rural areas.

Session 5: Peri-urban interface

Nathaniel BAKER, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

Planning for a sustainable metropolitan region in Brazil and North America: challenges and strategies

Mfanafuthi GAMA, Department of Rural Development and Land Reform, Midrand, South Africa

The national spatial economic opportunity atlas (NSEOA): a tool for trans-disciplinary rural and urban development planning

Dushko BOGUNOVICH, Unitec Institute of Technology, Auckland, New Zealand; Branko CAVRIC, University of Botswana, Gaborone, Botswana

Planning Auckland for climate change: compact city, or resilient city-region?

Emaculate INGWANI, University of Venda, Polokwane, South Africa; Trynos GUMBO, University of Johannesburg, Johannesburg, South Africa

Peri-urbanities as incubators of sustainable rural-urban development frameworks: experiences in Domboshava, Zimbabwe

Ashfaq ALAM, Binayak CHOUDHURY, School of Planning and Architecture, Bhopal, India

The dynamics of urbanisation – a case of Bhopal district of India

Gizem ERDOGAN, Pamukkale University, Denizli, Turkey

Identifying and characterizing urban fringe with fractal analysis on Akhan, Denizli, Turkey