

58TH **ISOCARP**  
WORLD  
PLANNING  
CONGRESS

FROM  
WEALTHY  
TO HEALTHY  
CITIES

21-22  
SEPTEMBER  
2022  
**ONLINE**

3-6 OCTOBER  
2022  
**BRUSSELS**  
BELGIUM



# CONGRESS PROCEEDINGS VERSION 3

In Search of a new Planning Agenda for Urban Health, Socio-Spatial Justice and Climate Resilience

**Proceedings of the  
58th ISOCARP World Planning Congress**

58th ISOCARP World Planning Congress

**From Wealthy to Healthy Cities**

Urbanism and Planning for the Well-Being of Citizens

*In Search of a new Planning Agenda for Urban Health, Socio-Spatial Justice and Climate Resilience*

21-22 September (online) and 3-6 October 2022, Brussels, Belgium

Editors: Zeynep Enlil, General Rapporteur, Elisabeth Belpaire, Congress Director,  
Rolf Schuett, Co-Rapporteur and Sofia Morgado, Special Sessions Rapporteur

Technical Editor: Maryte Litvinaite

Editors Support Team: Francisco Rangel Bustamante, Oishika Basak

© ISOCARP 2022

Produced and published by ISOCARP

ISBN/EAN 978-90-75524-73-4

CONGRESS HOSTED BY:



CONGRESS ORGANIZED WITH:



#ISOCARP2022



ISOCARP - International Society of City  
and Regional Planners

58th ISOCARP World Planning Congress Proceedings

ISBN-13: 978-90-75524-73-4



9 789075 524734

## TABLE OF CONTENTS

---

<b>1</b>	Paper Index	<b>4</b>
<b>2</b>	Author Index	<b>10</b>
<b>3</b>	About the Congress Theme	<b>14</b>
<b>4</b>	About the Congress	<b>16</b>
<b>5</b>	About the Tracks	<b>20</b>
	Track 1: Healthy People	<b>22</b>
	Track 2: Healthy Planet	<b>1028</b>
	Track 3: Healthy Governance	<b>1390</b>
	Track 4: Healthy Economy	<b>1872</b>
<b>6</b>	Special Sessions	<b>2164</b>
<b>7</b>	Creative Sessions	<b>2196</b>

## TRACK #1

### HEALTHY PEOPLE

#### ALI Zulfiqar Imaara

Public Art as a Tool for Urban Resilience through Accelerated Social Capital; a Meta Analysis on Lyari and Madrid

#### BAI Yang, JIN Hong

The psychological benefits of urban public space for elderly living in a severe cold city of China

#### BANERJEE Arkadipta, KARUNAKARAN Sona

Spatial Anomalies: Effects of Localisation in the Informal Restructuring of Globally Planned Edge Cities -the Case of Newtown, Rajarhat

#### BIANCHI Irene, TOSONI Ilaria, GHIRARDI Sندی

Cultural interventions as drivers of well-being in cities. Insights from Valencia

#### CAI Mingke

Vitality creation of street space in mountainous city based on perceptual phenomenology: a case study on shaanxi road in yuzhong district, chongqing, China

#### CAP Constant

Changing perceptions on healthy cities and climate change through inclusive street design

#### CAP Constant

Nairobi's Public Transport System Through the Lens of Socially Just Public Transport

#### CHADHA Riya

Social Infrastructure: Reclaiming forgotten spaces as a means of developing healthier, inclusive cities

#### CHAKRABORTY Barnali, DEY Priyanka

A place-based analysis of socio-spatial causes of urban decline and their impact on residents' quality of life

#### CHEN Mingyu

Research on Beijing's "Double Aging" Neighborhoods Regeneration from the Perspective of Active Ageing

#### CHOUDHARI Sandeep Rati

Enhancing street life in Bengaluru transit oriented development by improving pedestrian and bike infrastructure

#### CHRISTIAN Brian

Port cities development in fostering healthy youth participation: learning from the historical journey of SSEAYP (The Ship for Southeast Asian and Japanese Youth Program)

#### CORVI Enrico, HAUSLEITNER Birgit, DABROWSKI Marcin, PELLEGRINI Paola

Restoring the Porosity of Naples: a community-based design approach

#### CUI Yiwen, MARQUES Bruno, GJERDE Morten

Encouraging cultural diversity and sense of community in Aotearoa/New Zealand through community participation processes in public open space planning

#### DANDONA Nidhi

Silver economy in India- way to a healthy city for seniors

#### DAS Rituparna, BANERJEE Ankhi

Children and the 'Paras' of Kolkata- Understanding the impact of Transforming Urban Neighbourhood Morphology on children Liveability

#### DE SIQUEIRA Gustavo, AL OFI Iman, MALAJ Sadmira, AGIRBAS Ercan, MABRY Ruth, KOKA Joleza

Green Pocket spaces strategy for active and inclusive communities in Muscat

#### DONG Mingjuan

Research on Urban Community Food Supply Environment Oriented to Health Support

#### EFREMENKO Tatiana, GRZESIKOWSKA Gosia, GRZESIKOWSKA Honorata

Future Neighborhoods

#### ERTEN Sertac, WINTHER Kristian, GUL Su Ezgi

Healthy cities - Immediate impact and long-term benefits. How?

#### FAN Sijia

Creating equal, inclusive and localized public spaces for livable neighborhood: Taking the entrance of "JisuanXincun" of Yaofangmen, as an example

#### FANG Qiaoling, INOUE Tomo, XIE Zhiqiu, LIU Qiang

Street Sky Openness Estimation Based on Deep Learning—Case Study of Hakata Station Area, Fukuoka

#### FANG Congying, HOMMA Riken, LIU Qiang, LIU Hang

Research on jogging space selection factors based on spatial accessibility—A case of Hangzhou, China

#### GAN Cao, BIAN Lanchun

Evaluating the eventization of public space in the perspective of publicness: a case study of Northern Longfu Cultural Park in Beijing

#### HAJELA Mausmi, CHOUDHURY Binayak

Role of walkability and cyclability in planning sustainable and inclusive public transport systems - a case of the indian city of bhopal

#### HILL Adrian, Vermeersch Willem-Peter, VAN HEES Jo, VAN DER CRUYSSSEN Laurens

Planning with empathy - tools to guide complex design processes

#### HUANG Yixin, DONG Wei, DONG Yu, LOU Jiankun

Research on the spatial influencing factors and mechanisms of community social capital in high-density areas in China based on the Grounded Theory

#### IBRAHEM Tarek Aya, HASSAN Ghada, SERAG Yehya, AFIFI Samy

Pandemic effects on placemaking and human well-being: demystifying the district of Madinaty, Cairo

#### PLIKCI Ender

Urban Sprawl by Densification as a Public Health Issue: a Critical Review on the Peripheral Urbanization of Ankara

#### JING Wang, ZHAO Zhiqing, LUAN Jiayi, LI Hongrui

Research on old community public space based on behavior-environment perspective: a case study of Harbin's Chunming community

#### KACZOROWSKA Anna

Towards Integrating Nature Based Solutions into City's Shape - Case of Gothenburg Following COVID-19

#### KADER P Nihal, GHOSH Solanki

Critically Analyzing the factors affecting the Feasibility of Public Bicycle Sharing System : A comparative Case study

#### KIRTAS Ecem Emine

Restructring of Urban Space: Ayazaga Case in Istanbul

#### LAKRAJ Caresha Chantal

Is the 15-minute concept viable as cities struggle to cope with the fifth wave of covid?

#### LI Xintian, WEIKUN Zhu, KEWEI Xu, HUIRU Zhao, YAOMING Duan, RUOHAO Li

A spatial analysis of the migration behavior of floating population in the yangtze river delta urban agglomeration

#### LI Kailun, JIN Lei, WANG Xingda

The Impact of Campus Planning on Students' Mental Health under COVID-19 Prevention and Control: A Case Study of Several Universities in China

#### LI Ruicong

Exploration of rural resilience improvement path from the perspective of civil air defense—Taking Zhanghai Town in Sichuan Province as an example

#### LI Wei

The Creation of External Space of Primary and Secondary Schools in the Context of Intensive Development

#### LIANG Xinmei, HUANG Yongqiao

Perception of street: a bibliometric study though CiteSpace

#### LIU Yan, DONG Wei, DONG Yu

Influencing Factors of Residential Satisfaction and Renewal Strategies in Old Neighbourhoods. Evidence from Xiangfang Old Industrial Base of China

#### LIU Chengcheng, ZHENG Tao

Building An Inclusive & Healthy Livable Environment for Chinese Communities Based on Grid Management

#### LUAN Jiayi, LENG Hong

Research on Strategies for Building Age-friendly and Child-friendly Healthy Communities in Winter Cities

- MANSOURI Yacine, ATTAR Abdelghani**  
Walking as vector of urban and landscape requalification, focused on the perception of lived spaces
- MARQUES Bruno, DIJKWEL Fiona, MCINTOSH Jacqueline**  
In pursuit of happiness in a multicultural society: the case of medium density towns in Aotearoa-New Zealand
- MEHROTRA Surabhi, CHITKALA Suchitra**  
Women perspective for safe and healthy public spaces: Study from Indian city - Vijayawada
- MEKATA Rina, MURAKAWA-UBUKATA Maki, YAMADA Asuka**  
Health of Urban Places Using Teishoku Place Theory
- MOHAMED Abdulrazak, TOM Annie Liss**  
Social sustainability lies on connecting wealthy living with healthy living of migrants- A case of Kottayam District, Kerala State, INDIA
- MORGADO Sofia**  
Small towns in a metropolitan context. Well-being narratives and quality of life imaginaries as promoters of local intervention
- NAAMIPOURAN Roya, ASKARI Farshad**  
Integration of urban resilience and human resilience evaluations for health promotion using Voxel Base Assessment (VBA)
- NUNNA Priya Sai Tagore, BANERJEE Ankhi**  
Exploring tourism patterns across tourism typology for assessing health of destinations: a case study of India
- OZORHON Guliz, OZORHON Fatih Ilker**  
Rethinking Open Spaces of Schools for City and Society
- OZORHON Guliz, OZORHON Fatih Ilker**  
The Metropolis and the Child: Healthy Childhood Spaces for a Healthy City
- PARHAM Ed, CHEN Nien Po, MCCOSHAN Ella, JONES Eleri**  
Better understanding how urban form enables walking
- PIASEK Gonzalo**  
Urban regeneration as a booster for social capital? The role of social infrastructure in Barcelona
- PRIFTI Jonila**  
Exploring the sense of belonging in public spaces of Tirana
- RAHMAN Asifur Md, AL MAMUN Mustiafiz Md**  
Retrieving Urban Waterscape as the Quality of Public Space: a case study of Shitalakshya River, Narayanan
- RAMMILE Siphokazi, MATAMANDA Abraham**  
A place called home: an exploration of toponyms and identity
- RAMOS Carolina, VALE David, MOURATO João**  
Walkability in policymaking: from a conceptual framework to policy integration
- RIVERA Alejandra, SHORT Annabel**  
Healthy cities: a human right
- SAHA Suparna, BASU Sanghamitra, PANDIT Debapratim**  
A framework for exploration of variation in prioritization of neighborhood infrastructure influencing the overall Quality of Life (QoL) of older citizens, across varied socio-demographic groups: a case study of Kolkata, India
- SAHA Shinjini**  
Movement by circumstance, not by choice - aligning tenure insecurity with urban health, Case: Delhi
- SAMANTA Purbita, CHATTOPADHYAY Subrata**  
Vitality of ethnic immigrants in the neighbourhoods of Indian cities: A case study of Chinatown, Kolkata
- SCHUETT Rolf**  
Active Kernen, design of an integral scheme for healthy lifestyle in South Germany
- SHA Shiyan, LU Ming, MENG Qinghe, XUAN Linghai**  
Differentiation of family medical resources use of "new citizens" from the perspective of health equity —Take Tianjin as an example
- SHRESTHA Sahara, NAVRATIL DeAndrea**  
The Master Trails Plan
- SROUR Georgies, WEDDERBURN Martin, NALASKOWSKA Sara**  
Railway Station integration in the urban fabric: The case of Beijing south station in China
- STEENHUIS Chris, REIJNDERS Daniek, MUSCH Marcel**  
The maze of homelessness: An exploration of the system of youth housing in The Netherlands
- STHAPAK Swasti**  
Assessment of thermal adaptability of Women in Naturally ventilated Houses of Chhattisgarh (India)
- SU Su**  
Supporting Strategies of the Public Service Facilities for 15-minute Community Life Circle in Shanghai Central City
- SU Wanqing, LU Tianyun, WANG Menghan, ZOU Zhichong**  
Healthy and walking friendly campus community in cold areas: taking the community of Harbin Institute of Technology as an example
- SUN Dilin, ZHANG Haozhe**  
Meeting is very important: a comparative study on the emotions of residents in hot spots in Harbin before and after the epidemic lockdown period
- TAKEZAWA Kurumi, SATOH Eiji, OHMORI Reiko, OHMORI Nobuaki, SHIRAISHI Satoko**  
Analysis of the Actual Usage of Nursing Care for the Establishment of an Equitable Care Service Provision System in Provincial Cities
- TEUGHELDS Caroline, VERHEYEN J Veerle, VERVOORT Peter, COERTJENS Dries, BIJNENS Esmée, VOS Stijn, DEN HOND Elly, NAWROT Tim, SCHOETERS Greet, VAN CAMPENHOUT Karen**  
From Flemish human biomonitoring to spatial policy recommendations
- VERMA Manmeet, KAMAT Rajshree**  
To develop urban green Index to measure the inequality in urban green space in Indian cities
- WU Pei, WANG Xia**  
Spatial-temporal characteristics and constraints of daily activities of the elderly in rural areas\*
- YANG Jiajie, WANG Luning, YING Xiang**  
Visualizing and assessing the 15-minute city facility configuration of city region: An study on the Beijing-Tianjin-Hebei Urban Agglomeration
- YUAN Qing, ZHAO Jiaxuan, LI Hongrui, LENG Hong**  
Residential Public Space Environment Enhancement Strategies Supporting Outdoor Activities for the Elderly in Winter: Take the Winter City of Harbin as an Example
- ZHANG Qiaoqia**  
Research on the community living circle of the elderly in mountain city based on walkability
- ZHOU Ying, ZHANG Qi, ZHANG Qianying**  
Challenges in Promoting People-Centric Urban Renewal in China - The Case of Old Neighborhood Renovation in Wuhan
- ZHOU Yubin, DU Lizhu, QU Jiaming**  
A study on the elderly-oriented evaluation of walking environment in northeast cold community under the background of healthy city: A case study of Haicheng Street Community in Harbin City
- ZHU Jiahui, Dong Wei, Dong Yu**  
The Influence of Community Built Environment on social health: Review and Enlightenment
- ZHU Weikun, LI Xintian**  
Spatial regeneration of abandoned railway areas under viaducts - from the perspective of enhancing the well-being of residents
- ZHU Weikun, LI Xintian**  
Study on the preservation and renewal of the spatial form of traditional villages based on cultural genes

## TRACK #2

### HEALTHY PLANET

**ALAM Tazyeen, BANERJEE Ankhi**

Deciphering Urbanization and Spatial Disparity in South 24 Parganas District of West Bengal, India

**BANERJEE Shreya, MIDDEL Ariane, CHATTOPADHYAY Subrata**

Validating ENVI-met for high-density temporary encroachment spaces in the streets of tropical Indian megacities

**BRITTO Lucia Ana, FLEURY Nassar Jorge, COLI Priscila**

Participatory urban design project: integrating natural and urban systems in the Rio de Janeiro periphery in a proposal for Quilombo do Bomba

**FISCHER Susanne**

Climate Adaption and Urban Planning - The Case of Basel, Switzerland

**FONTEYN Pieter, DANIELS Silvie, MALINA Robert, LIZIN Sebastien**

In plain sight: green views and urbanites' neighbourhood satisfaction

**GUO Rong, LYU Shuo, FENG Junming**

Spatiotemporal responses of habitat quality to urban sprawl: a case of Harbin City

**JIANG Yingying, GUARIENTO Nicolo, PERIC Ana**

From Green Continuity to Social Integration: A Case Study on the Social Potential of Urban Greenery in Altstetten Zurich

**JUVARA Martina**

From ideology to practice: how planning reforms in England are making the first steps to incorporate climate goals

**KAMAT Rajshree, SINHA Kumar Nilesh**

Disaster Waste Mitigation

**LI Shiyao, LI Chi**

Resilience Planning and Evaluation of Urban Central Park: A Case Study of Jinan Central Park

**LI Wei**

Rural Revitalization Planning Strategy under the Concept of Resilience: A case study of Dabei Village and Huangjinbao Village in Tongguanyi Town, Jiulongpo District

**LU Ming, SUN Dongzheng, MENG Qinghe**

Research on the delimitation of urban development Boundary based on geodesign: take the Kunming Yangzonghai Scenic Spot, China as an example

**MA Yanhong, CHEN Xi**

One Nature-Based Solution to Get Attention Restored: Exploring Perceived Biodiversity's Contributions by Empirical Research in Urban Parks

**MENG Qinghe, LU Ming, SHA Shiyuan, YANG Zhenwen**

Holistic identification and optimization of basin ecological infrastructure based on a quantitative analysis framework

**LIU Ziyu**

The Study of the Changing Boundaries of Chinese Traditional Dwelling: A Perspective of Institutional and Behavioral Elements

**LIU Yibo, LIU Wenqian, XU Suning, LI Guojie**

Response and Reflection on Design of Urban Block Patterns under the Background of Public Health Emergencies

**MAHASETH Tripti**

Land and housing: the building blocks for a healthy life. Building up health

**MIHAILOVA Darja, VANCE Colin**

Time allocation across travel modes: Policy influences and their mediators

**MILLAN CEREZO Nathalie, MOSQUERA SUAREZ Jorge**

Multiplicity and Convergence in a low carbon industrial park: Test Planning in the Neckar-Alb Region

**MUNARI DOMINGOS Natércia**

The Urban Terrariums in Porto Alegre -Brazil. Municipal living areas: sustainable practices, shared management, co-creation, urban health, and vitality

**MUŠIĆ Barbara, MOSQUERA SUAREZ Jorge, NIKŠIĆ Matej**

Innovative approaches in governance management in the time of COVID-19: Learnings from the Danube Region and other European cities

**OLUFEMI Olusola**

Everyday Urbanism, Liveability and Health Exposure of Precariously Housed Population in Nigeria

**OP DE BEEK Tara, COPPENS Tom**

Implementing green-blue infrastructure policy; on what budget? Exploring the relationship between spatial planning and financing

**OSAWA Shiki, PRADHITASARI Handini**

Tackling rapid urbanization by innovative transit-oriented-development (TOD) planning approach in Jakarta

**PERIC Ana, DE BLUST Seppe, JIANG Yingying, GUARIENTO Nicolo, WÄLTJY Sibylle**

Urban strategies for dense and green Zurich: from healthy neighbourhoods toward healthy communities

**QIU Zhiyong, LI Yuxi, DAI Jian**

Research on the implementation mechanism and path of urban informal community renewal in China. Inclusive renewal for "new citizens"

**RIBEIRO Gustavo, NOWAK Aleksander**

Green Spaces, Health and Social Equity in the City of Copenhagen

**YUAN Qing, LI Hongrui, ZHAO Jiaxuan, LENG Hong**

Waterfront Space Feature and Its Impacts on Elderly People's Social Life in Winter—A Case Study of Harbin section of Songhua River Basin

**ZHANG Chengyuan**

The enhancement of urban resilience to floods in underdeveloped areas of Southeast Asia based on historic urban landscape approach: a case study in Mrauk-U, Myanmar

**ZHOU Yuye, WANG Yiwen, XU Jiangang**

Scenario Simulation of Compound Flood Risk Based on Climate Resilience —An Empirical Study of the Yangtze River Delta, China

**Zhu Yini, LI Chi**

Resilience strategy for ecological restoration of industrial shoreline of Dongting Lake: a case study of Yueyang Hualin Port shoreline

## TRACK #3 HEALTHY GOVERNANCE

### ARRAR Hicham Fawzi

Quantification of outdoor thermal comfort levels under sea breeze in the historical city fabric: the case of Algiers casbah

### BARSUKOVA Yulia, DUIVON Aurine, LAZAR Adelin, ELISEI Pietro, LAURINE Nerantzia Julia, DUIVON Tzortzi

Harmonia Project: Shaping vertical and horizontal engagements to get real impact through locally rooted projects

### BATISTA Luisa

The role of local public bodies promoting health and well being by boosting energy transition in social housing buildings - the case of a renewable energy community in Portugal

### CAP Constant

Participatory methods as tools for environmental monitoring in low income communities

### DI MARCO Cecilia

Grenoble Urban Health Policies

### FAN Jiahui

Can green belts effectively curb urban sprawl? - taking Hangzhou ecological belts as an example

### HAJELA Mausmi, NEDUNGOTTUKUDIYIL

KURIAKOSE Paulose, SAXENA Anadi  
Transforming Urban Mobility in Madhya Pradesh. The Policy Interventions

### HUNOUT Gautier

Implementation of a trash collect service in a Senegalese city

### IRANMANESH Nasim

Recent strategies of Tehran to achieve low carbon city for improving the health of citizens

### KAHILA Maarit

Scaling up social cohesion and sustainability with participatory mapping

### KOKA Joleza, DE SIQUEIRA Gustavo, MALAJ Sadmira, RRUSHI Ana

Where Albania Walks Project.  
Pedestrianization strategies for healthier and inclusive neighborhoods, a report from the field

### KOLA Moses, BRETTELLE Lucy, CHANIN-MORRIS Roland, GITAU Hellen, ROVIRA Antonio

Barriers to Spatial Planning for Intermediary Cities in Kenya. The Case of Kisumu and Homa Bay Counties

### LI Ruicong

Spatial Morphological Analysis and Renewal Strategy of Small-scale Traditional Villages Based on Space Syntax—A study of Lvtao village in Dali City, Yunnan Province in China

### LI Shuai

Point of interest (POI) data based evaluation model for the justice spatial distribution of public service facilities: a case study of Shanghai

### LI Shuai

Collaborative planning practices of urban gardening in Vienna: achieving smart green space governance under regeneration

### LIU Ziyu

The Study of the Changing Boundaries of Chinese Traditional Dwelling: A Perspective of Institutional and Behavioral Elements

### LIU Yibo, LIU Wenqian, XU Suning, LI Guojie

Response and Reflection on Design of Urban Block Patterns under the Background of Public Health Emergencies

### MAHASETH Tripti

Land and housing: the building blocks for a healthy life. Building up health

### MIHAILOVA Darja, VANCE Colin

Time allocation across travel modes: Policy influences and their mediators

### MILLAN CERESO Nathalie, MOSQUERA

SUAREZ Jorge  
Multiplicity and Convergence in a low carbon industrial park: Test Planning in the Neckar-Alb Region

### MUNARI DOMINGOS Natércia

The Urban Terrariums in Porto Alegre -Brazil. Municipal living areas: sustainable practices, shared management, co-creation, urban health, and vitality

### MUŠIĆ Barbara, MOSQUERA SUAREZ Jorge, NIKŠIĆ Matej

Innovative approaches in governance management in the time of COVID-19: Learnings from the Danube Region and other European cities

### OLUFEMI Olusola

Everyday Urbanism, Liveability and Health Exposure of Precariously Housed Population in Nigeria

### OP DE BEEK Tara, COPPENS Tom

Implementing green-blue infrastructure policy; on what budget? Exploring the relationship between spatial planning and financing

### OSAWA Shiki, PRADHITASARI Handini

Tackling rapid urbanization by innovative transit-oriented-development (TOD) planning approach in Jakarta

### PERIC Ana, DE BLUST Seppe, JIANG Yingying, GUARIENTO Nicolo, WÄLTJY Sibylle

Urban strategies for dense and green Zurich: from healthy neighbourhoods toward healthy communities

### QIU Zhiyong, LI Yuxi, DAI Jian

Research on the implementation mechanism and path of urban informal community renewal in China. Inclusive renewal for "new citizens"

### RIBEIRO Gustavo, NOWAK Aleksander

Green Spaces, Health and Social Equity in the City of Copenhagen

### SHAO Yu, Chen Yuling, LI Peilun

Research and practice of urban health unit: a case study of Harbin, China

### SABEYIAM Syriac Georges, TCHOULACK Nouwe Athanase Armand

The improvement of working-class districts of cities, imposed urban planning; concerted urban planning for healthy, resilient, accessible and sustainable cities

### SAHA Shinjini, MAITI Sohini

Climate Change as a Regulatory Instrument to Mitigate Social Constraints

### SATOH Eiji, TAKEZAWA Kurumi, YAMADA Asuka

A Framework for the Provision of Community Symbiosis-Type Services in Depopulated Areas of Japan

### SU Wanqing, ZOU Zhichong, LIN Xinpeng, LI Zhongze

An open data driven investigation method for urban emergency shelters planning

### TEZER Tugce

Urban design after the pandemic

### VAN LIEROP Martina, FAKIROVA Elizaveta

Strategies and tools for just collaborative planning of nature-based solutions

### VERVOORT Peter, SCHOETERS Koen, AERTS Jens, COUDERÉ Koen, KONIJNENDIJK Cecil

Health promoting and climate proof green and blue spaces in Flanders (Belgium): developing a manual for spatial planning, design and management

### VON DER TANN Loretta, HALE E. Sarah,

SMAAVIK Tone, GUZMAN S. Javier  
Intra- and interdisciplinary communication as a critical factor for integration of geoscience into urban and project planning

### WATSON Sadie, MONCKTON Linda

Using UK heritage and planning legislation to enhance wellbeing

### WEDDERBURN Martin, SROUR Georgies, NALASKOWSKA Sara

Healthy Movement, Healthy Places: Measuring Wellbeing and Quality of Life Impacts in Transport Appraisal

### WIRZ Nicole, SCHNEIDER Andreas

Living Lab & Co-Creation Process Basel

### YANG Shuhan, DING Lan, PRASAD Deo

From urban factors to further impacts - redefinition of urban heat vulnerability to face future challenges from multi-sectors

### YUFEI Lu, QINGLI Yang

Study on development model and governance strategy of informal phenomenon in typical countries of sub-Saharan Africa

### ZHAO Botao, LI Xinhua

Urban Governance Facing Wicked Problems: Refining Meta-governance Theory through a Five-dimension Framework Based on Three Cases

## TRACK #4

### HEALTHY ECONOMY

#### ALI ZULFIQAR Imaara

NFTs - Marketplaces of Digital Mining; an Ecological Nightmare

#### ALSHAHRI Fatma, OMAR Reer Mariam, TABOOK Muna

Dhofar Municipality solutions for food inspection through the Internet of Things

#### BENTO Pedro

Emerging urban challenges. Addressing transgenic territories

#### CALISKAN Olgun Care

The possibility of looking to the future with hope in the anthropocene era: Essential promises of degrowth and agroecology for Turkey

#### CALMEIRO Margarida, GONÇALVES Adelino

Promoting Cultural and natural heritage as key for planning wealthy and healthy territories

#### DIMITRIU Sabina, RUSEN Madalina

Making wood cities happen: New urban policies for a sustainable and carbon-neutral future

#### FAN Jiahui

The characteristics of rural population change in China and its enlightenment to rural revitalization

#### GUO Rong, YAN Jin, LIU Xingjian

Research on the efficiency of urban development towards urban shrinkage a case study of Baishan City

#### HAJELA Mausmi, TIWARI Dikchha, KHANDELWAL Saloni, JAIN Ira, ROY Kumar Uttam

Rental housing as a means to ensure inclusive and equitable housing for all: a policy perspective for the state of madhya pradesh, India

#### HUANG Zhiye, LIU Xiaohan

Assessing the spatial-temporal effects of covid-19 reopening measures on short-term rental in London, the United Kingdom

#### IWATA Mana, SATOH Eiji, MARUOKA Masanori, OHMORI Reiko

A Framework for the Virtuous Circulation of Food Resources in Local Cities

#### CERVERA Marina, LLOP Carlos, MERCADÉ Josep, PERMIQUEL Francesc

Polyurbanity versus peri-urbanity. Towards a new vision and prospect of Territorial models through the Sustainable Development Goals as devices for urban and territorial regeneration in new urbanities.

#### MALAGATTI Sahana

Urban continuity as a means of socio-economic inclusion in developing cities

#### MANDAL Kasturi, DEY Priyanka

Changing Patterns of Tourism along the Disaster-prone Eastern Coast of India

#### MUNARI DOMINGOS Natércia

Planning the ComplexCITY: Guiding Principles for a Systemic Qualification of Planning

#### NAYAK Suchismita, PANDIT Debapratim

An investigation of telecommuters perceived productivity from pre to post Covid 19 pandemic

#### PRIYOMARSONO Widayati Naniek

Digitalism of Laweyan Culture Landscape in Surakarta Central Java Indonesia

#### PUNDIR Manju, KHATRI Anand, KHATRI Anjora

Spatial footprint of low-cost and low-investment circular economies - A case 'urban villages' of Noida, National Capital Region of Delhi, India

#### SAHA Deepanjan, SEN Joy

The neglected heterogeneity of artisanal practices in cluster development programs: Evidence from handloom clusters in Varanasi, India

#### SHEHATA Waled, HAGRAS Mohamed

Impacts of the collective socio-economic activities on the architectural and urban identity of the garbage collectors' community in Cairo, Egypt

#### SU Wanqing, ZOU Zhichong, LI Zhongze, LLN Xinpeng

Knowledge Mapping of Urban Shrinkage Studies based on Published Journal Papers

#### TIWARI Rahul, YADAV Rajat, KAMLE Arushi, VIJAYE Harithapriya

Analyzing contribution of first & last mile in overall travel cost

#### WANG Qiushi, LIANG Zhipeng, CHEN Xi, DONG Yukuan

Study on the Difference of Green Exposure in Urban Communities in Cold Regions based on Multivariate Big Data

#### WANG Yufei

Research on urban innovation space evolution characteristics in shanghai new towns: based on the analysis of high-tech enterprises in Shanghai





## AUTHOR INDEX

---

AERTS Jens  
AFIFI Samy  
AGIRBAS Ercan  
AITHAL Haridas Bharath  
AL MAMUN Mustiafiz Md  
AL OFI Iman  
ALAM Tazyeen  
ALI ZULFIQAR Imaara  
ALSHAHRI Fatma  
ARRAR Hicham Fawzi  
ASKARI Farshad  
ATTAR Abdelghani  
BAGCHI Shubhajit  
BAI Yang  
BANDYOPADHYAYA Ranja  
BANERJEE Ankhi  
BANERJEE Arkadipta  
BANERJEE Shreya  
BARSUKOVA Yulia  
BASU Sanghamitra  
BATISTA Luisa  
BENTO Pedro  
BIAN Lanchun  
BIANCHI Irene  
BIJNENS Esmée  
BRETELLE Lucy  
BRITTO Lucia Ana  
CAI Mingke  
CALISKAN Olgun Care  
CALMEIRO Margarida  
CAP Constant  
CERVERA Marina  
CHADHA Riya  
CHAKRABORTY Barnali  
CHANIN-MORRIS Roland  
CHATTOPADHYAY Subrata  
CHEN Chen  
CHEN Mingyu  
CHEN Nien Po  
CHEN Xi  
CHEN Yuling  
CHITKALA Suchitra  
CHOUDHARI Sandeep Rati  
CHOUDHURY Binayak  
CHRISTIAN Brian  
COERTJENS Dries  
COLI Priscila  
COPPENS Tom  
CORNILLE Mathias  
CORVI Enrico  
COUDERÉ Koen  
CUI Yiwen  
CUSTERS Jan  
DABROWSKI Marcin  
DAI Jian  
DANDONA Nidhi  
DANIELS Silvie  
DAS Rituparna  
DAS Sutapa  
DE BLUST Seppe  
DE SIQUEIRA Gustavo  
DEN HOND Elly  
DEY Priyanka  
DI MARCO Cecilia  
DIJKWEL Fiona  
DIMITRIU Sabina  
DING Lan  
DONG Mingjuan  
DONG Wei  
DONG Yu  
DONG Yukuan  
DU Lizhu  
DUIVON Aurine  
Tzortzi Nerantzia  
EFREMENKO Tatiana  
ERTEN Sertac  
FAKIROVA Elizaveta  
FAN Jiahui  
FAN Sijia  
FANG Congying  
FANG Qiaoling  
FENG Junming  
FISCHER Susanne  
FLEURY Nassar Jorge  
FONTEYN Pieter  
GAN Cao  
GHIRARDI Sendy  
GHOSH Solanki  
GIMISIS Vasileios  
GITAU Hellen  
GJERDE Morten  
GONÇALVES Adelino  
GRZESIKOWSKA Gosia  
GRZESIKOWSKA Honorata  
GUARIENTO Nicolo  
GUL Su Ezgi  
GUO Rong  
GUZMAN S. Javier  
HAGRAS Mohamed  
HAJELA Mausmi  
HALE E. Sarah  
HASSAN Ghada  
HAUSLEITNER Birgit  
HILL Vickery Adrian  
HOMMA Riken  
HUANG Yixin  
HUANG Yongqiao  
HUANG Zhiye  
HUIRU Zhao  
HUNOUT Gautier  
IBRAHEM Tarek Aya  
INOUE Tomo  
IPLIKCI Ender  
IRANMANESH Nasim

---

IWATA Mana	LIU Hang	MUNARI DOMINGOS NatérciaMURAKAWA-
JAIN Ira	LIU Qiang	UBUKATA Maki
JIANG Yingying	LIU Wenqian	MUSCH Marcel
JIN Hong	LIU Xiaohan	MUŠIĆ Barbara
JIN Lei	LIU Xingjian	NAAMIPOURAN Roya
JING Wang	LIU Yan	NADUPALLI Praneta
JONES Eleri	LIU Yibo	NALASKOWSKA Sara
JUVARA Martina	LIU Ziyu	NAM Kounghoon
KACZOROWSKA Anna	LIZIN Sebastien	NARENDR Aishwarya
KADER P Nihal	LLN Xinpeng	NAVRATIL DeAndra
KAHILA Maarit	LLOP Carlos	NAWROT Tim
KAMAT Rajshree	LOU Jiankun	NAYAK Suchismita
KAMLE Arushi	LU Ming	NEDUNGOTTUKUDIYIL KURIAKOSE Paulose
KARUNAKARAN Sona	LU Tianyun	NIKŠIĆ Matej
KEWEI Xu	LUAN Jiayi	NOWAK Aleksander
KHANDELWAL Saloni	LYU Shuo	NUNNA Priya Sai Tagore
KHATRI Anand	MA Yanhong	OHMORI Nobuaki
KHATRI Anjora	MABRY Ruth	OHMORI Reiko
KIRTAS Ecem Emine	MAHASETH Tripti	OLUFEMI Olusola
KOKA Joleza	MAITI Sohini	OMAR Mariam Jaime
KOLA Moses	MALAGATTI Sahana	OP DE BEEK Tara
KONIJNENDIJK Cecil	MALAJ Sadmira	OSAWA Shiki
LAKRAJ Caresha Chantal	MALINA Robert	OZORHON Fatih Ilker
LAZAR Adelin	MANDAL Kasturi	OZORHON Guliz
LENG Hong	MANSOURI Yacine	PAL Sreetama
LI Chi	MARQUES Bruno	PANDIT Debapratim
LI Guojie	MARUOKA Masanori	PARHAM Ed
LI Hongrui	MATAMANDA Abraham	PELLAS Themistoklis
LI Kailun	MCCOSHAN Ella	PELLEGRINI Paola
LI Ruicong	MCINTOSH Jacqueline	PEREMIQUEL Francesc
LI Ruohao	MEHROTRA Surabhi	PERIC Ana
LI Shiyao	MEKATA Rina	PERROU Theodora
LI Shuai	MENG Qinghe	PIASEK Gonzalo
LI Wei	MERCADÉ Josep	PRADHITASARI Handini
LI Xinhua	MIDDEL Ariane	PRASAD Deo
LI Yuxi	MIHAILOVA Darja	PRIFTI Jonila
LI Zhongze	MILLAN CEREZO Nathalie	PRIYOMARSONO Widayati Naniek
LIANG Xinmei	MOHAMED Abdul Razak	PUNDIR Manju
LIANG Zhipeng	MONCKTON Linda	QINGLI Yang
LIN Xinpeng	MORGADO Sofia	QIU Zhiyong
LIU Chengcheng	MOSQUERA SUAREZ Jorge	QU Jiaming
	MOURATO João	

## AUTHOR INDEX

---

QU Keqing  
RAHMAN Asifur Md  
RAMMILE Siphokazi  
RAMOS Carolina  
REIJNDERS Daniek  
RIBEIRO Gustavo  
RIVERA Alejandra  
RONG Liying  
ROVIRA Antonio  
ROY Kumar Uttam  
RRUSHI Ana  
RUSEN Madalina  
SABEYIAM Syriac Georges  
SAHA Deepanjan  
SAHA Shinjini  
SAHA Suparna  
SAMANTA Purbita  
SATO Eiji  
SAXENA Anadi  
SCHNEIDER Andreas  
SCHOETERS Greet  
SCHOETERS Koen  
SCHUETT Rolf  
SEN Joy  
SEN Roshmi  
SERAG Yehya  
SHA Shiyan  
SHEHATA Waled  
SHIRAISHI Satoko  
SHORT Annabel  
SHRESTHA Sahara  
SINHA Kumar Nilesh  
SMAAVIK Tone  
SROUR Georgies  
STEENHUIS Chris  
STHAPAK Swasti  
SU Su  
SU Wanqing  
SUN Dilin  
SUN Dongzheng  
TABOOK Muna Oman  
TAKEZAWA Kurumi  
TCHOUALACK Nouwe Athanase Aarmand  
TEUGHELS Caroline  
TEZER Tugce  
TILLNER Silja  
TIWARI Dikchha  
TIWARI Rahul  
TOM Annie Liss  
TOSONI Ilaria  
VALE David  
VAN CAMPENHOUT Karen  
VAN DER CRUYSSSEN Laurens  
VAN GASSEN Bart  
VAN HEES Jo  
VAN LIEROP Martina  
VAN NOORDT Anneloes  
VANCE Colin  
VERHEYEN J Veerle  
VERMA Manmeet  
Vermeersch Willem-Peter  
VERVOORT Peter  
VIJAYE Harithapriya  
VON DER TANN Loretta  
VOS Stijn  
WÄLTJY Sibylle  
WANG Luning  
WANG Menghan  
WANG Mingming  
WANG Qiushi  
WANG Xia  
WANG Xingda  
WANG Yiwen  
WANG Yufei  
WATSON Sadie  
WEDDERBURN Martin  
WEI Wei  
WILLINGER Alfred  
WINTHER Kristian  
WIRZ Nicole  
WU Pei  
XIE Zhiqiu  
XU Jiangang  
XU Suning  
XUAN Linghai  
YADAV Rajat  
YAMADA Asuka  
YAN Jin  
YANG Jiajie  
YANG Shuhan  
YANG Zhenwen  
YAOMING Duan  
YING Xiang  
YUAN Qing  
YUFEI Lu  
ZHANG Chengyuan  
ZHANG Haozhe  
ZHANG Qi  
ZHANG Qianying  
ZHANG Qiaojia  
ZHAO Botao  
ZHAO Jiaxuan  
ZHAO Zhiqing  
ZHENG Tao  
ZHOU Ying  
ZHOU Yubin  
ZHOU Yuye  
ZHU Jiahui  
ZHU Weikun  
ZHU Yini  
ZHU Weikun  
ZOU Zhichong



## ABOUT THE CONGRESS THEME

---

We have been going through turbulent times, exacerbated by the COVID-19 pandemic, which urged us to rethink how we build our cities. Planners, urban designers, architects, policy makers, politicians from all around the world have been thinking, planning, designing, and experimenting with new ideas and reinventing not so new ideas. As the General Rapporteur, I welcome you to the 58th ISOCARP World Planning Congress in Brussels, which will be an important platform to explore and discuss the pathways towards a future we need 'From Wealthy to Healthy Cities'.

With this congress-theme, the International Society of City and Regional Planners (ISOCARP) and the Brussels-Capital Region aim to highlight the need for building another world, a world where collective wellbeing reigns and no one is left behind. It is essentially a quest for an economy that prioritizes people, places, and the planet and moves beyond profit and growth to prioritizing social and ecological wellbeing.

The multitude of interrelated crises induced by longstanding growth-oriented thinking brought humanity to the verge of a planetary socio-ecological collapse. Thus, there is an urgent need to search for alternative ways of organizing socio-economic relations beyond the ruthless principles of pro-growth economic policies. It is, therefore, time to redefine our notion of progress and foster a paradigm shift towards an economy that observes planetary boundaries and decolonizes nature. Such an economy necessitates decarbonizing cities and city-regions, circularity and de-growth.

With its new 'Shifting Economy' strategy, the Brussels-Capital Region provides a perfect context for new pathways towards a transition to an economy that responds to the ecological impasse and the multifaceted social and economic challenges of our times.

Transition to a healthy economy urges us to rethink how we produce, consume and live. We will explore how to transcend conventional measures of economic success defined by GDP and provide a fair distribution of wealth and well-being in the society. Everyone, regardless of their background, has the right to a decent standard of living, to a decent job and employment security.

Hence, it is time to take a rights-based approach and reclaim affordable housing, mobility, water, energy and access to basic goods and services as rights, not merely as commodities. We need to overcome all the barriers to diversity and equity, ensure social inclusion and strive for attaining socio-spatial justice.

The COVID-19 pandemic health crisis, on the other hand, exacerbated global challenges and shone a powerful light on other forms of inter-connected crises induced by longstanding pro-growth policies. The pandemic health crisis has intensified existing socio-spatial inequalities and vulnerabilities, urging us for a paradigm shift. We need to rethink the way we organize our cities and societies. This, calls for a transition to an economy that is just, more inclusive and prioritizes public health while reducing its fossil fuel reliance.

Yet, redistributing wealth and achieving social justice are not the only social challenges we face today. One of the major challenges of our times is climate change, which requires urgent action. To attain planetary health, long-term sustainability and resilience, we need to reframe our thinking and focus on revitalizing and regenerating our natural world, prioritizing nature-based solutions, climate adaptation and mitigation, biodiversity, and integration of natural and urban systems.

Our emphasis is on a **just transition for a better world** and fostering greater involvement of citizens forging a stronger, more participatory democracy. For that purpose, planners and place-leaders need to creatively engage with communities and their local contexts searching for ways to co-create and collectively organize new modes of living and working, which will entail reclaiming the city and its public spaces and other commons for its citizens.

Cities are important. In a rapidly urbanizing world, the future rests with cities and city-regions. That is why it is time to shift our mindset from the usual globalization discourse of competitive cities to **collaborative cities and city-regions**. There is a need to open up new avenues of collaboration and diplomacy among cities and metropolises, since only in **solidarity** we can overcome the multi-dimensional planetary crises that we face today and move from wealthy to healthy cities!

**Zeynep Enlil**

*General Rapporteur*

58th ISOCARP World Planning Congress 2002



## ABOUT THE CONGRESS

---

The Brussels-Capital Region and State Region and State Secretary, Pascal Smet, hosted the 58th ISOCARP World Planning Congress in Brussels, Belgium. The regional public service urban.brussels ensured the organisation in cooperation with perspective.brussels and environment.brussels, and with the support of visit.brussels. Taking place from 3 to 6 October 2022, the 58th ISOCARP Congress focused on the intersection of planning, well-being and socio-economic justice in conjunction with this year's theme: From Wealthy to Healthy Cities.

The 58th ISOCARP World Planning Congress brought us together in Brussels for in-person knowledge-sharing and discussion forums, including inspirational Plenary Sessions and Keynotes, Track Sessions with Paper and Case Study Presentations, crosscutting and inclusive Special Sessions and Roundtables, and mobile Walkshops in and around Brussels that allowed participants to experience and engage with the local community. While the Congress was featured primarily live and in-person presentations celebrating the connection and networking that is at the heart of ISOCARP Congresses, a two-day Virtual Programme allowed for virtual participation only.

### Tour & Taxis

Tour & Taxis is one of Brussels' most interesting historical sites brought back to life as a major project for sustainable urbanization in the city center.

The construction of the Tour & Taxis industrial complex officially began in 1900, as one of the world's first multimodal freight transport platforms (water, road and rail) and the largest in Europe at the time.

The former Tour & Taxis railway site is currently undergoing a complete conversion in order to make it an exemplary sustainable urban development, opening up the site and integrating it into the surrounding densely populated and lively neighbourhoods. It is the largest urban park created in Brussels since the 19th century.

### Maison de la Poste

The "Maison de la Poste" was built in 1904 to serve as telephone and telegraph services, post office and administrative center for Tour & Taxis during its heyday as Europe's largest shipping hub. Its architecture is a fine testament to the Art Nouveau and Art Deco styles and to the craftsmanship of the Industrial era.

In 2019, "Maison de la Poste" was renovated, and metamorphosed into Brussels' most inspiring conference and events center where participants from all over the world meet to share ideas and to create stories.







**FROM WEALTHY TO HEALTHY CITIES**

**58<sup>TH</sup> ISOCARP WORLD PLANNING CONGRESS** **3-6 OCTOBER 2022 BRUSSELS BELGIUM**

**General Rapporteur** **Co-Rapporteur** **Rapporteur Special Sessions**

**Zeynep Enlil** **Rolf Schuett** **Sofia Morgado**

Led by General Rapporteur Professor Zeynep Enlil, the 2022 Congress Team is inclusive of diverse perspectives from the Global South and North, and expertise spanning academia and practice and all sectors of planning. Continuing a unique tradition, Local Congress Team Members from Belgium and the Brussels-Capital Region ensure that the Congress celebrates knowledge exchange and explores both global and local planning issues related to the Congress Theme, "From Wealthy to Healthy Cities."

The World Planning Congress Team, including the ISOCARP Congress Director and Local Congress Director, are responsible for curating the Congress Tracks and shaping the Programme of the ISOCARP World Planning Congress. Their task - bringing together innovative and diverse Speakers at the forefront of the Planning Profession and developing innovative Sessions, Workshops & Walkshops - is central to the success of the 58th ISOCARP Congress.





**#1 Healthy People:** will explore different approaches to advancing urban health, equity, and socio-spatial justice through place-based and socio-spatial planning. Track 1 will look at planning and design focusing on community well-being, such as slow and local food, preventive health and behaviour; and the impact of the physical environment on physical and mental health, such as the 15' city, 45' city regions, housing as the building block of living, and quality public spaces.

**#2 Healthy Planet:** Climate change, energy transition and other transitions often trigger related environmental, social and economic turbulence, and moral, political and professional conflicts of interest that create winners and losers. This track encourages rethinking what is a sustainable and resilient planet, embracing both qualitative and quantitative measures of long-term sustainability and resilience that also take into account urban eco-footprints and social, regional, international and intergenerational equity for natural and mineral resources.





**#3 Healthy Governance:** The COVID-19 pandemic has highlighted the importance of effective public health and welfare systems, and policy. Integrating public and environmental health and human well-being in the core of urban planning and policy making processes will enable practitioners, academics and policy makers to create healthier, more resilient and equitable cities and communities.

Track 3 will explore how participatory territorial governance and grassroots movements can contribute to innovative strategies and tools for integrating public health and well-being into spatial and community policy and planning.

**#4 Healthy Economy:** Track 4 explores the ultimate paradigm shift needed to transition from growth-based development to place-based and circular economies: The planning community is central in delivering and maintaining the spatial processes and solutions needed for this transformational shift to a new economic reality. Unfortunately, economies and urban systems are becoming increasingly burdensome, unjust, and manipulated, resulting in unhealthy and vulnerable communities.

The planning community has a responsibility to promote, through its expertise, methods and collaboration, a fundamental shift towards a 'new' healthy economy for cities and society at large.





**58<sup>TH</sup>** ISOCARP  
WORLD  
PLANNING  
CONGRESS

3-6 OCTOBER  
2022  
BRUSSELS  
BELGIUM



Manasa  
Garikaparthi



Şebnem  
Hoşkara



Jolanta  
Zarzycka

Focusing on the health and well-being of all segments of society, Track 1 will explore different approaches to advancing urban health, and equity, and socio-spatial justice through place-based and socio-spatial planning. The Track will look at planning and design focusing on community well-being, such as slow and local food, preventive health and behaviour; and the impact of the physical environment on physical and mental health, such as the 15' city, 45' city regions, housing as the building block of living, and quality public spaces. The Track will explore inclusive planning to meet the needs of diverse populations over the lifespan -including children, women, people with disabilities, aging citizens, immigrants, and refugees- to achieve the well-being of societies.

- **People-centric Planning and Design:** Social, political, and spatial dimensions of inequality and approaches to overcome them; empowerment of vulnerable and marginalized groups; child and women-friendly cities; promotion of bottom-up approaches, citizen engagement, and co-creation.
- **Urban Safety and Universal Accessibility:** Improving the safety of urban spaces, and reducing communal clashes in cities; planning for just, equitable and inclusive environments, and 24/7 cities; access for all to leisure, social services.
- **Public Spaces:** A framework for creating a healthy public realm; holistic approaches for green and blue infrastructure, quality public spaces, community streets, and parks; local food production, social life, and recreational facilities; post-covid urban transitions; placemaking as a tool to address physical and mental health.
- **Heritage, Culture, and Health:** Socio-economic and cultural influences on cities and planning; the impact of cultural ideas, perceptions, customs, and behaviours; religion and spiritual beliefs; and practices in cultural heritage in shaping a healthy city structure.
- **Sustainable Urban Mobility:** Sustainable modes of transportation to promote healthy living; complete streets prioritizing pedestrian movement; walkable and transit-rich cities and regions;
- **Healthy Neighbourhood and Housing:** Mainstreaming climate resilience in housing; creating complete neighborhoods, net-zero neighborhood planning, and design; health policies for sustainable environments.
- **Digital Well-being:** Impact of information and communication technology, real-time data monitoring, smart cities, artificial intelligence, generative design principles, and the mitigation of health impacts of digital learning and working.

### **Session 1.1 Sustainable Urban Mobility (Virtual only / in-person)**

Sustainable modes of transportation to promote healthy living; complete streets prioritizing pedestrian movement; walkable and transit-rich cities and regions.

### **Session 1.3 Healthy Neighbourhood and Housing (Virtual only / in-person)**

Mainstreaming climate resilience in housing; creating complete neighborhoods, net-zero neighborhood planning, and design; health policies for sustainable environments.

### **Session 1.4 Heritage, Culture and Health (Virtual only / in-person)**

Socio-economic and cultural influences on cities and planning; the impact of cultural ideas, perceptions, customs, and behaviors; religion and spiritual beliefs; and practices in cultural heritage in shaping a healthy city structure.

### **Session 1.2 Public Spaces (Virtual only / in-person)**

A framework for creating a healthy public realm; holistic approaches for green and blue infrastructure, quality public spaces, community streets, and parks; local food production, social life, and recreational facilities; post-covid urban transitions; placemaking as a tool to address physical and mental health in cities.

### **Session 1.5 Health, Covid-19 and Planning (Virtual only / in-person)**

Post-pandemic cities; sharing the post-Covid experience and research results in city planning; relation between spatial parameters, human health and well-being; planning interventions to address health inequalities in cities; improving health conditions in informal settlements.

### **Session 1.6 People-centric Planning and Design (Virtual only / in-person)**

Social, political, and spatial dimensions of inequality and approaches to overcome them; empowerment of vulnerable and marginalized groups; child and women-friendly cities; promotion of bottom-up approaches, citizen engagement, and co-creation.

## TRACK #1

### HEALTHY PEOPLE

#### ALI Zulfiqar Imaara

Public Art as a Tool for Urban Resilience through Accelerated Social Capital; a Meta Analysis on Lyari and Madrid

#### BAI Yang, JIN Hong

The psychological benefits of urban public space for elderly living in a severe cold city of China

#### BANERJEE Arkadipta, KARUNAKARAN Sona

Spatial Anomalies: Effects of Localisation in the Informal Restructuring of Globally Planned Edge Cities -the Case of Newtown, Rajarhat

#### BIANCHI Irene, TOSONI Ilaria, GHIRARDI Sندی

Cultural interventions as drivers of well-being in cities. Insights from Valencia

#### CAI Mingke

Vitality creation of street space in mountainous city based on perceptual phenomenology: a case study on shaanxi road in yuzhong district, chongqing, China

#### CAP Constant

Changing perceptions on healthy cities and climate change through inclusive street design

#### CAP Constant

Nairobi's Public Transport System Through the Lens of Socially Just Public Transport

#### CHADHA Riya

Social Infrastructure: Reclaiming forgotten spaces as a means of developing healthier, inclusive cities

#### CHAKRABORTY Barnali, DEY Priyanka

A place-based analysis of socio-spatial causes of urban decline and their impact on residents' quality of life

#### CHEN Mingyu

Research on Beijing's "Double Aging" Neighborhoods Regeneration from the Perspective of Active Ageing

#### CHOUDHARI Sandeep Rati

Enhancing street life in Bengaluru transit oriented development by improving pedestrian and bike infrastructure

#### CHRISTIAN Brian

Port cities development in fostering healthy youth participation: learning from the historical journey of SSEAYP (The Ship for Southeast Asian and Japanese Youth Program)

#### CORVI Enrico, HAUSLEITNER Birgit, DABROWSKI Marcin, PELLEGRINI Paola

Restoring the Porosity of Naples: a community-based design approach

#### CUI Yiwen, MARQUES Bruno, GJERDE Morten

Encouraging cultural diversity and sense of community in Aotearoa/New Zealand through community participation processes in public open space planning

#### DANDONA Nidhi

Silver economy in India- way to a healthy city for seniors

#### DAS Rituparna, BANERJEE Ankhi

Children and the 'Paras' of Kolkata- Understanding the impact of Transforming Urban Neighbourhood Morphology on children Liveability

#### DE SIQUEIRA Gustavo, AL OFI Iman, MALAJ Sadmira, AGIRBAS Ercan, MABRY Ruth, KOKA Joleza

Green Pocket spaces strategy for active and inclusive communities in Muscat

#### DONG Mingjuan

Research on Urban Community Food Supply Environment Oriented to Health Support

#### EFREMENKO Tatiana, GRZESIKOWSKA Gosia, GRZESIKOWSKA Honorata

Future Neighborhoods

#### ERTEN Sertac, WINTHER Kristian, GUL Su Ezgi

Healthy cities - Immediate impact and long-term benefits. How?

#### FAN Sijia

Creating equal, inclusive and localized public spaces for livable neighborhood: Taking the entrance of "JisuanXincun" of Yaofangmen, as an example

#### FANG Qiaoling, INOUE Tomo, XIE Zhiqiu, LIU Qiang

Street Sky Openness Estimation Based on Deep Learning—Case Study of Hakata Station Area, Fukuoka

#### FANG Congying, HOMMA Riken, LIU Qiang, LIU Hang

Research on jogging space selection factors based on spatial accessibility—A case of Hangzhou, China

#### GAN Cao, BIAN Lanchun

Evaluating the eventization of public space in the perspective of publicness: a case study of Northern Longfu Cultural Park in Beijing

#### HAJELA Mausmi, CHOUDHURY Binayak

Role of walkability and cyclability in planning sustainable and inclusive public transport systems - a case of the indian city of bhopal

#### HILL Adrian, Vermeersch Willem-Peter, VAN HEES Jo, VAN DER CRUYSSSEN Laurens

Planning with empathy - tools to guide complex design processes

#### HUANG Yixin, DONG Wei, DONG Yu, LOU Jiankun

Research on the spatial influencing factors and mechanisms of community social capital in high-density areas in China based on the Grounded Theory

#### IBRAHEM Tarek Aya, HASSAN Ghada, SERAG Yehya, AFIFI Samy

Pandemic effects on placemaking and human well-being: demystifying the district of Madinaty, Cairo

#### PLIKCI Ender

Urban Sprawl by Densification as a Public Health Issue: a Critical Review on the Peripheral Urbanization of Ankara

#### JING Wang, ZHAO Zhiqing, LUAN Jiayi, LI Hongrui

Research on old community public space based on behavior-environment perspective: a case study of Harbin's Chunming community

#### KACZOROWSKA Anna

Towards Integrating Nature Based Solutions into City's Shape - Case of Gothenburg Following COVID-19

#### KADER P Nihal, GHOSH Solanki

Critically Analyzing the factors affecting the Feasibility of Public Bicycle Sharing System : A comparative Case study

#### KIRTAS Ecem Emine

Restructring of Urban Space: Ayazaga Case in Istanbul

#### LAKRAJ Caresha Chantal

Is the 15-minute concept viable as cities struggle to cope with the fifth wave of covid?

#### LI Xintian, WEIKUN Zhu, KEWEI Xu, HUIRU Zhao, YAOMING Duan, RUOHAO Li

A spatial analysis of the migration behavior of floating population in the yangtze river delta urban agglomeration

#### LI Kailun, JIN Lei, WANG Xingda

The Impact of Campus Planning on Students' Mental Health under COVID-19 Prevention and Control: A Case Study of Several Universities in China

#### LI Ruicong

Exploration of rural resilience improvement path from the perspective of civil air defense—Taking Zhanghai Town in Sichuan Province as an example

#### LI Wei

The Creation of External Space of Primary and Secondary Schools in the Context of Intensive Development

#### LIANG Xinmei, HUANG Yongqiao

Perception of street: a bibliometric study though CiteSpace

#### LIU Yan, DONG Wei, DONG Yu

Influencing Factors of Residential Satisfaction and Renewal Strategies in Old Neighbourhoods. Evidence from Xiangfang Old Industrial Base of China

#### LIU Chengcheng, ZHENG Tao

Building An Inclusive & Healthy Livable Environment for Chinese Communities Based on Grid Management

#### MANSOURI Yacine, ATTAR Abdelghani

Walking as a vector of urban and landscape requalification, focused on the perception of lived spaces



**MARQUES Bruno, DIJKWEL Fiona, MCINTOSH Jacqueline**

In pursuit of happiness in a multicultural society: the case of medium density towns in Aotearoa-New Zealand

**MEHROTRA Surabhi, CHITKALA Suchitra**

Women perspective for safe and healthy public spaces: Study from Indian city - Vijayawada

**MEKATA Rina, MURAKAWA-UBUKATA Maki, YAMADA Asuka**

Health of Urban Places Using Teishoku Place Theory

**MOHAMED Abdulrazak, TOM Annie Liss**

Social sustainability lies on connecting wealthy living with healthy living of migrants- A case of Kottayam District, Kerala State, INDIA

**MORGADO Sofia**

Small towns in a metropolitan context. Well-being narratives and quality of life imaginaries as promoters of local intervention

**NAAMIPOURAN Roya, ASKARI Farshad**

Integration of urban resilience and human resilience evaluations for health promotion using Voxel Base Assessment (VBA)

**NUNNA Priya Sai Tagore, BANERJEE Ankhi**

Exploring tourism patterns across tourism typology for assessing health of destinations: a case study of India

**OZORHON Guliz, OZORHON Fatih Ilker**

Rethinking Open Spaces of Schools for City and Society

**OZORHON Guliz, OZORHON Fatih Ilker**

The Metropolis and the Child: Healthy Childhood Spaces for a Healthy City

**PARHAM Ed, CHEN Nien Po, MCCOSHAN Ella, JONES Eleri**

Better understanding how urban form enables walking

**PIASEK Gonzalo**

Urban regeneration as a booster for social capital? The role of social infrastructure in Barcelona

**PRIFTI Jonila**

Exploring the sense of belonging in public spaces of Tirana

**RAHMAN Asifur Md, AL MAMUN Mustiafiz Md**

Retrieving Urban Waterscape as the Quality of Public Space: a case study of Shitalakshya River, Narayangan

**RAMMILE Siphokazi, MATAMANDA Abraham**

A place called home: an exploration of toponyms and identity

**RAMOS Carolina, VALE David, MOURATO João**

Walkability in policymaking: from a conceptual framework to policy integration

**RIVERA Alejandra, SHORT Annabel**

Healthy cities: a human right

**SAHA Suparna, BASU Sanghamitra, PANDIT Debapratim**

A framework for exploration of variation in prioritization of neighborhood infrastructure influencing the overall Quality of Life (QoL) of older citizens, across varied socio-demographic groups: a case study of Kolkata, India

**SAHA Shinjini**

Movement by circumstance, not by choice - aligning tenure insecurity with urban health, Case: Delhi

**SAMANTA Purbita, CHATTOPADHYAY Subrata**

Vitality of ethnic immigrants in the neighbourhoods of Indian cities: A case study of Chinatown, Kolkata

**SCHUETT Rolf**

Active Kernen, design of an integral scheme for healthy lifestyle in South Germany

**SHA Shiyun, LU Ming, MENG Qinghe, XUAN Linghai**

Differentiation of family medical resources use of "new citizens" from the perspective of health equity —Take Tianjin as an example

**SHRESTHA Sahara, NAVRATIL DeAndrea**

The Master Trails Plan

**SROUR Georgies, WEDDERBURN Martin, NALASKOWSKA Sara**

Railway Station integration in the urban fabric: The case of Beijing south station in China

**STEENHUIS Chris, REIJNDERS Daniek, MUSCH Marcel**

The maze of homelessness: An exploration of the system of youth housing in The Netherlands

**STHAPAK Swasti**

Assessment of thermal adaptability of Women in Naturally ventilated Houses of Chhattisgarh (India)

**SU Su**

Supporting Strategies of the Public Service Facilities for 15-minute Community Life Circle in Shanghai Central City

**SU Wanqing, LU Tianyun, WANG Menghan, ZOU Zhichong**

Healthy and walking friendly campus community in cold areas: taking the community of Harbin Institute of Technology as an example

**SUN Dilin, ZHANG Haozhe**

Meeting is very important: a comparative study on the emotions of residents in hot spots in Harbin before and after the epidemic lockdown period

**TAKEZAWA Kurumi, SATOH Eiji, OHMORI Reiko, OHMORI Nobuaki, SHIRAISHI Satoko**

Analysis of the Actual Usage of Nursing Care for the Establishment of an Equitable Care Service Provision System in Provincial Cities

**TEUGHELTS Caroline, VERHEYEN J Veerle, VERVOORT Peter, COERTJENS Dries, BIJNENS Esmée, VOS Stijn, DEN HOND Ely, NAWROT Tim, SCHOETERS Greet, VAN CAMPENHOUT Karen**

From Flemisch human biomonitoring to spatial policy recommendations

**VERMA Manmeet, KAMAT Rajshree**

To develop urban green Index to measure the inequality in urban green space in Indian cities

**WU Pei, WANG Xia**

Spatial-temporal characteristics and constraints of daily activities of the elderly in rural areas\*

**YANG Jiajie, WANG Luning, YING Xiang**

Visualizing and assessing the 15-minute city facility configuration of city region: An study on the Beijing-Tianjin-Hebei Urban Agglomeration

**YUAN Qing, ZHAO Jiaxuan, LI Hongrui, LENG Hong**

Residential Public Space Environment Enhancement Strategies Supporting Outdoor Activities for the Elderly in Winter: Take the Winter City of Harbin as an Example

**ZHANG Qiaoqia**

Research on the community living circle of the elderly in mountain city based on walkability

**ZHOU Ying, ZHANG Qi, ZHANG Qianying**

Challenges in Promoting People-Centric Urban Renewal in China - The Case of Old Neighborhood Renovation in Wuhan

**ZHOU Yubin, DU Lizhu, QU Jiaming**

A study on the elderly-oriented evaluation of walking environment in northeast cold community under the background of healthy city: A case study of Haicheng Street Community in Harbin City

**ZHU Weikun, LI Xintian**

Spatial regeneration of abandoned railway areas under viaducts - from the perspective of enhancing the well-being of residents

**ZHU Weikun, LI Xintian**

Study on the preservation and renewal of the spatial form of traditional villages based on cultural genes