



清華大學
公共管理學院
School of Public Policy & Management
Tsinghua University



The Regional Science Academy



THE FIRST GLOBAL REGIONAL DEVELOPMENT CONFERENCE

Host:

School of Public Policy & Management, Tsinghua University

in collaboration with

The Regional Science Academy (TRSA)

Shenzhen Talent Institution

**Sustainable Regional Development, Digital City Resilience
and Successful Local Leadership**

December 3-5, 2021(GMT+8)

Shenzhen, Greater Bay Area, China

Hybrid meeting

Organizers:

The Regional Science Academy

Tsinghua University, Beijing

Shenzhen Talent Institution

THE FIRST GLOBAL REGIONAL DEVELOPMENT CONFERENCE
on
“Sustainable Regional Development, Digital City Resilience and Successful Local Leadership”

December 3-5, 2021 (GMT+8)
Shenzhen, Greater Bay Area, China

AIMS AND SCOPE

Objectives

- To create a global forum of international experts for exchanging and developing new views on regional and sub-national development in both the developed and the developing world.
- To address emerging challenges on sustainable regional growth against the background of economic recession phenomena, global pandemics and natural disasters caused by climate change.
- To analyse the pervasive role of modern digital technology in shaping equal competitive conditions and opportunities for all regions and countries.
- To examine shared policy strategies for mitigating emerging welfare gaps in and between different regions in various continents.
- To explore new regional options for ‘green’ development in the context of climate change and sustainable energy transition.
- To lay the foundation for an intelligent transformation of regions geared towards well-being and liveability of citizens and driven by smart leadership.
- To identify the conditions and opportunities of creative regions and industries from the perspective of resilience capacity of stakeholders.

Themes

- Knowledge-based regional development and spatial resilience.
- Intelligence policy responses and digital technology.
- Territorial capital and resourceful regions.
- Actor-based regional development and leadership /organisational resilience.
- Search for phoenix-regions governance
- Regional scenario analysis and gaming simulation/geo-imaging.
- Crowdsourcing and institutional responsiveness.
- Smart cities and data analytics: dashboards and digital twins.
- Regional data metrics and social media effects.
- Smart regions, culture and the human factor.
- Quadruple Helix strategies for regions.

THE FIRST GLOBAL REGIONAL DEVELOPMENT CONFERENCE
on
“Sustainable Regional Development, Digital City Resilience and Successful Local Leadership”

December 3-5, 2021 (GMT+8)
Shenzhen, Greater Bay Area, China

CONFERENCE PROGRAMME

FRIDAY, 3 DECEMBER, 2021

Zoom meeting room 1: <https://zoom.us/j/85375407053?pwd=WHFjcHJheUJ0b2pYUzdidTlvVVJWZz09>

21:20-22:00 Official Opening Ceremony

Welcome speeches:

Moderator: Ye Fan

Chair: Lin Zhang, Shenzhen Talent Institution

Xufeng Zhu, School of Public Policy & Management, Tsinghua University

Peter Batey, The Regional Science Academy

Jincheng Xiao, The Regional Science Association of China

22:00-22:45 Official Keynote Speech by Professor Paul Romer, Nobel Laureate in Economics, on
‘Federal Governments that are Narrow but Strong can Sustain Progress under the New Techno-Urban Economic Paradigm’

Moderator: Lin Zhang

Chair: Peter Nijkamp

22:45-00:15 Roundtable Discussion

(day+1) Chairs: Lin Zhang and Karima Kourtit

Panel:

- Paul Romer
- Yongda Yu
- Sameh Naguib Wahba
- Junbo Yu
- Vicente Royuela
- Peter Nijkamp
- Ye Fan

SATURDAY, 4 DECEMBER, 2021

14:30-17:00 **Plenary Session on: Knowledge-based regional development and spatial resilience**
Zoom meeting room:2:
<https://zoom.us/j/83827294433?pwd=cDJYRDNhMVNOWNWFVobXNveldGMW5RZz09>

Chair: Ye Qi

- Planning for urban happiness – concepts & perspectives
Peter Nijkamp
- The relationship between covid-19 and human development
Zihe Rao
- How AI technologies facilitate achieving carbon neutrality
Xufeng Zhu
- Negotiating public space planning in Indian cities
Sumona Banerjee
- Can cities thrive in turbulent times? 3 Questions for cities in 2022
Rogier van den Berg
- Strengthening supply chain resilience during COVID-19
Zuojun Shen

17:00-19:20 **Parallel Sessions on: Actor-based spatial development and leadership/organizational resilience**

PARALLEL SESSION I

ZOOM meeting room 2:
<https://zoom.us/j/83827294433?pwd=cDJYRDNhMVNOWNWFVobXNveldGMW5RZz09>

Chair: Xiaoli Zhao

- Dragon kings or ordinary towns and cities for the resilience of urban systems
Denise Pumain
- Sustainable regional development in China
Paul Snow (Xue Ling)
- The road to innovation city: evidence from Shenzhen
Jici Wang
- Investigating the properties of public goods for good governance: implications from China's fight against the Covid-19 pandemic
Junbo Yu
- Leisure mobility changes during the COVID-19 pandemic – An analysis of survey and mobile phone data in Sweden
John Osth
Energy transition and industrial synergy
Xiaoli Zhao

PARALLEL SESSION 2

ZOOM meeting room 3:
<https://zoom.us/j/81969937089?pwd=UTd2azg1TUR5ZER3Q0ZJZ3hsL3MzUT09>

Chair: Karima Kourtit

- City love, place quality and neighbourhood social resilience – a framework for assessment of liveable and loveable neighbourhoods in Rotterdam
Mia Wahlström
- New development pattern and international economic cooperation
Shantong Li
- Institutions, digital disparities and development: EU case

- Gabriela Pascariu
- Renewable Energy: An important driver of future city development
Xudong Yang
- Place-specific corona dashboards for health policy: design and application of a 'Dutchboard'
Karima Kourtit
- The role of foreign-funded enterprises, especially the world's top 500 enterprises in local economic development
Wenqiang Fan
- Great bay area and the finance development
Alessandro Golombiewski Teixeira

20:00-22:10 Parallel Sessions on: Smart regions and digital technology

PARALLEL SESSION 1

ZOOM meeting room 2:

<https://zoom.us/j/83827294433?pwd=cDJYRDNhMVNOWNWFVobXNveldGMW5RZz09>

Chair: Yoshiro Higano

- Cognition of modern urban science
Renzhong Guo
- The internal geography of services value-added in exports: a Latin American perspective
Eduardo Haddad
- How does China's public finance promote regional economic development?
Binyang Lv
- Smart city technologies and institutional resilience: issues, challenges and opportunities
Laurie Schintler
- Towards a carbon neutral GBA: challenges and opportunities
Ye Qi
- Resilient public service delivery during COVID: An exploratory analysis of NYC 311 data
Shaoming Cheng

PARALLEL SESSION 2

ZOOM meeting room 3:

<https://zoom.us/j/81969937089?pwd=UTd2azg1TUR5ZER3Q0ZJZ3hsL3MzUT09>

Chair: Ye Fan

- Net-zero energy districts: connected intelligence for transition to carbon-neutral cities
Nicos Komninos
- Can technology solve all our problems?
Robin Chase
- The European Atlas of Resilience – a novel integrated approach on response and recovery from crises
Alexandru Banica
- Climate crisis and COP26
David King
- Characteristics and trends of government service innovation and development under digitization background
Qingguo Meng
- From geographical agglomeration to virtual agglomeration
Qi Liang

22:30-23:50

Parallel Sessions on: Intelligent policy responses and sustainable development

PARALLEL SESSION 1

ZOOM meeting room 2:

<https://zoom.us/j/83827294433?pwd=cDJYRDNhMVNOWNVobXNveldGMW5RZz09>

Chair: Laurie Schintler

- 4.0 technologies and regional growth opportunities in Europe
Roberta Capello
- New ideas for the development of Guangdong Hong Kong Macao Bay Area in the new era
Jiuwen Sun
- Service export for regional resilience & policy response to digital automation in tourism industry
Jaewon Lim
Regional integration and public governance in the new development stage - also on the prominent role of transformational leadership
Guang Yang, Jianmin Liu

PARALLEL SESSION 2

ZOOM meeting room 3:

<https://zoom.us/j/81969937089?pwd=UTd2azg1TUR5ZER3Q0ZJZ3hsL3MzUT09>

Chair: Gabriela Pascariu

- Digital Twin infrastructure for the future development of cities and regions, the case of the Netherlands.
Henk Scholten
- Rent Capture by Central Cities
Janet Kohlhasse
- Sustainable Investing: A Path to a New Horizon
Georg Kell
- Regional carbon emission club at provincial level in China: based on detailed segmentation and vulnerability perspectives
Ye Fan

SUNDAY, 5 DECEMBER, 2021

14:30-16:10 **Parallel Sessions on: Liveable cities, smart governance and spatial resilience**

PARALLEL SESSION 1

ZOOM meeting room 4:

<https://zoom.us/j/86762817293?pwd=QmxoNkhCZ1c3djk4ZIRGVDAydjhvUT09>

Chair: Qi Ye

- The drivers of livable cities: a conceptual approach
Daniel Czamanski
- Entrepreneurial ecosystems of immigrant entrepreneurs
Hans Hendrischke
- The value of flood mitigation infrastructure in developing country megacities: The case of the East Flood Canal in Jakarta
Budy Resosudarmo
Urban construction and regional high-quality development
Jincheng Xiao
- Kameralism and the efficiency of public expenditures. Lessons to the sustainable urbanization of the Lisbon Metropolitan Area.
Tomaz Dentinho

PARALLEL SESSION 2

ZOOM meeting room 5:

<https://zoom.us/j/87298582143?pwd=djYxTkRWWUt0MmUwNkp5aGJxSS9PQT09>

Chair: Junbo Yu

- The role of SMEs and their traction values
Peter Elmlund
- Present situation, challenge and future of Sino-African agricultural cooperation from the perspective of regional agricultural development
Wenjie Zhao
- What affects the housing choice of rural-urban migrants in China? - new evidence from gender factors, rural homesteads and other rural assets.
Hengwei Wang
- Urban thought, well-being, and nature. lessons from the Covid-19 pandemic
Lise Bourdeau-Lepage
- Green finance for municipal sustainable development
Peiyuan Guo

17:00-19:00 **Parallel Sessions on: Rise and Decline of Regions and Cities**

PARALLEL SESSION 1

ZOOM meeting room 4:

<https://zoom.us/j/86762817293?pwd=QmxoNkhCZ1c3djk4ZIRGVDAydjhvUT09>

Chair: Peter Batey

- Causality between urbanization and economic growth in India: evidence from state level data
Abdul Shaban
- Business environment and talent introduction
Yitao Tao
- Assessing the impact of pricing system on urban public transport efficiency. Evidence

from France (1995-2015)

Louafi Bouzouina

- Research on polycentric spatial structure evolution of Chengdu-Chongqing urban agglomeration - Mega-city region perspective
Yuyuan Wen
- Urban growth and economic structure transformation: the case of Izmir
Zeynep Elburz
- Why did I come back from the United States to Start my own business in Shenzhen, China
Shuhan Liu

PARALLEL SESSION 2

ZOOM meeting room 5:

<https://zoom.us/j/87298582143?pwd=djYxTkRWWUt0MmUwNkp5aGJxSS9PQT09>

Chair: Guang Yang

- Elderly unemployment due to Covid
Guney Celbis
- Impact of tourism on urban livability: a mixed method study in the perspective of effective recreation resources
Jenny Liu
- Environmental quality and liveability: a shapley decomposition analysis
Pui Hang Wong
- Inner city economic dynamics during COVID-19
Umut Turk
- The developing status and outlook of China's agricultural trade by cross-border ecommerce
Zhenguo Han
- The thinking on the development of culture industry function area
Chengzhong Wu

20:30-21:50

Parallel Sessions on: Regional Growth and Institutional Responsiveness

PARALLEL SESSION 1

ZOOM meeting room 4:

<https://zoom.us/j/86762817293?pwd=QmxoNkhCZ1c3djk4ZIRGVDAydjhvUT09>

Chair: Steve Craig

- Cooperatives as institutions to promote regional growth
Patricio Aroca
- Place leadership and regional economic development: a framework for cross regional analysis
Terry Clower
- Innovative capacity v.s. entrepreneurial capacity: a typology for Chinese cities
Haifeng Qian
- Expenditure smoothing under balanced rules: rainy day funds or saving for a rainy day
Steve Craig

PARALLEL SESSION 2

ZOOM meeting room 5:

<https://zoom.us/j/87298582143?pwd=djYxTkRWWUt0MmUwNkp5aGJxSS9PQT09>

Chair: Yuning Gao

- Does size matter? working from home for different sizes of small businesses in the COVID-19 pandemic
Ting Zhang
- Tax policy and interregional competition for mobile venture capital by the creative

class

Amit Batabyal

- The path and experience of China's urbanization development
Wenlian Cao
- Regional sustainable development from the perspective of global value chain
Yuning Gao 21:30-21:50

22:30 -23:30

Closing Ceremony

ZOOM meeting room 4:

<https://zoom.us/j/86762817293?pwd=QmxoNkhCZ1c3djk4ZlRlRVdAydjhvUT09>

Chair: Lin Zhang

Panel on new initiatives: Ye Qi, Junbo Yu, Karima Kourtit and Peter Batey

New vision: Kirin mountain global regional science development forum (2022-2025),
by Yongda Yu and Peter Nijkamp

Closing speech, by Lin Zhang