Urban Challenges in a complex World

Key factors for urban growth and decline
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The Urban Commission of International Geographical Union (IGU) C16-37 is designed to encourage geographical research on the new Urban Challenges emerging in an increasingly Complex World, and to further the exchange of findings among urban geographers from many countries.

Cities, with their distinctive processes and problems, are major features of the modern world. Hence the commission will use a comparative global context to focus on their properties, the social, economic and environmental issues they pose, and to evaluate the utility of political and societal solutions to their problems.

Eleven specific urban challenges:

1- Complex Urban Systems and processes of cities’ transformation
2- Technological innovations, creative activities in cities
3- Innovative, smart building and transportation in cities
4- Polycentrism, small and medium size cities
5- Sustainable to resilient cities
6- Shrinking and aging Cities
7- Urban Governance, planning and participative democracy
8- Contested Social Spaces
9- Subjective/Objective well-being in cities
10- Urban Heritage and Conservation
11- New concepts and methods in urban studies

Website IGU Urban commission:  http://www.unil.ch/igu-urban
Website IGU: https://igu-online.org/

The Ville Régions Monde Network is financed by the Fonds de recherche Québec – Société et Culture (FRQ-SC) in addition to being supported by four Quebec universities: INRS – Urbanisation Culture Société, Université de Montréal, Université du Québec à Montréal and Université Laval.

Led by Claire Poitras (INRS-UCS), the network is comprised of more than sixty researchers and fifteen associate members. Our members work on a large array of urban issues ranging from sustainability to city planning and development. The VRM team is dedicated to the promotion of urban studies and research.

Visit us: http://www.vrm.ca
USEFUL INFORMATIONS

Organizing committee
Céline Rozenblat
Claire Poitras

Team VRM
Valerie Vincent
Antoine Houde

Maude Cournoyer Gendron
Nadim Tadjine

Congress secretary
Elfie Swerts
Mikhail Rogov

Andrea Ferloni

Wifi : altguest

#IGUMTL #IGU2018

Alt hotel: 120 Peel St, Montreal

Bonaventure Station:
exit de la Cathédrale St. / ETS
This year, IGU’s Urban Commission convention takes place in Griffintown, a neighborhood important for Montreal’s history given its central position in the industrial development of the city. In the beginning of the 19th century, the area called Griffintown was a farmland. After Mary Griffin took over the land in 1820, construction work on the Victoria Bridge and on the Lachine Canal began. The Canal plays a central role in the industrialization of the city because it made possible the exploitation of hydroelectric energy. Many immigrants of Irish decent settled in the area and worked in the factories and warehouses nearby. The arrival of a large number of inhabitants, combined with the opening of the Lachine Canal (1825) enable the rapid development of the area. This marks the beginning of Griffintown as a neighborhood the heart of Montreal and Canadian industry.
The growth the area dwindled down during the 20th century. Housing and living conditions were deteriorating. During the Great Depression and World War II many factories were closing. Furthermore, in 1959, the Saint-Laurence Seaway was opened, marking the end of the hegemony of the Lachine Canal. As a result, Griffintown fell into decline. Warehouses and factories closed down or relocated and the total number of residents in the area plummeted.

It was not until the end of the 1990s and the beginning of the 2000s that the first signs of revitalization were felt with the establishment of the École des technologies supérieure (1996), the Cité du Multimédia (1998) and of the Quartier de l’innovation (2006). In parallel with these initiatives, major residential and commercial projects emerged as developers started transforming abandoned industrial buildings. Since then, a slow gentrification process has been taking place and is still going on.
SCHEDULE

SUNDAY 12

INDIGO ROOM

5pm - 8pm  Registration

5pm - 6.30pm  Steering committee IGU Urban Commission & organizer

7pm - 9pm  Welcome Cocktail

MONDAY 13

FUCHSIA ROOM

8am  Registration - Café & Croissant

9am - 9.30 am  Opening session: Welcoming address
   Claire Poitras, director Villes Régions Monde, INRS, Montréal
   Céline Rozenblat, president IGU Urban Comission: Urban Challenges in a Global World

9.30 - 11am  Keynote conference: Plenary session
   Chair: Céline Rozenblat

9.30am  Why Cities fail, and why the roots of urban failure are almost always national ?
   Prof. Mario Polèse, Emeritus Professor, Centre Urbanisation Culture Société, INRS, Montréal

10.15am  Discussant: Prof. Denise Pumain, Emeritus Professor, Université of Paris 1

10.40am  General discussion

11 - 11.30am  Coffee break
Why Cities fail, and why the roots of urban failure are rarely local?

That “Cities are engines growth” has become somewhat of a mantra among urbanists and urban geographers. Jane Jacob’s now famous thesis that cities are the drivers of national wealth has become mainstream. This presentation challenges that thesis. There is nothing automatic, I shall argue, about cities as creators of wealth. Some cities fail miserably. The reasons for such urban failures, whether in the developing or developed world, can generally be traced back to actions by national and other senior governments. Detroit’s failure was no accident, but the predictable outcome of a governance structure imposed by senior levels of government. Buenos Aires’s descent from global metropolis, the equal of Paris and New York, to third world city had little with local failures. At a more technical level, there is scant evidence for the existence of dynamic agglomeration economies. Agglomeration is an outcome of economic growth, not its initiator. Cities - how they create wealth (or not) – mirror the societies that created them.
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<th>Speaker/Authors</th>
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<td>11.30 am</td>
<td>Paper session 1 – Plenary</td>
<td>Key factors for urban growth and decline</td>
<td>Mario Polèse</td>
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<tr>
<td>11.30 - 12.45 pm</td>
<td>Paper session 1 – Plenary</td>
<td>Key factors for urban growth and decline</td>
<td>Mario Polèse</td>
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<tr>
<td>11.30 am</td>
<td>Real estate developers as drivers of urban growth. The case of Puebla, México</td>
<td>Lorena Cabrera &amp; Javier Delgado</td>
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<td>11.55 am</td>
<td>Growth imperative, city-region and the state: some lessons from the recent French territorial reform</td>
<td>Gilles Crague &amp; Nadia Arab</td>
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<td>12.20 pm</td>
<td>When development policies sustain urban shrinkage – the case of the city of Roubaix in the Lille metropolitan area</td>
<td>Nadia Arab, Yoan Miot &amp; Gilles Crague</td>
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<td>12.45 - 2 pm</td>
<td>Lunch on-site</td>
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<td>2 - 3.15 pm</td>
<td>Paper session 2 – Plenary</td>
<td>Subjective/objective Well-Being in cities</td>
<td>Natacha Aveline-Dubach</td>
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<td>2 pm</td>
<td>To move or to stay put? Social inequalities in the experience of housing and residential mobility</td>
<td>Renaud Goyer</td>
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<td>2.25 pm</td>
<td>The Geography of Housing Disadvantage in Calgary: Postulated and Empirical Domains of Influence</td>
<td>Ivan Townshend &amp; Rafaela Marasco</td>
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<td>2.50 pm</td>
<td>How does socio-economic status associated with needs affect subjective well-being? Evidence from the context of urban China</td>
<td>Suhong Zhou, Jiting Zhang &amp; Yang Liu</td>
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<td>3.15 - 3.45 pm</td>
<td>Coffee break</td>
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<td>3.45 - 5.25 pm</td>
<td>Paper session 3 – Plenary</td>
<td>Complex urban systems and processes of cities’ transformation</td>
<td>Larry Bourne</td>
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<td>4.10 pm</td>
<td>New university spaces in Spanish urban and metropolitan areas: the case of Madrid, Barcelona and Santiago de Compostela</td>
<td>Rubén C. Lois González, Guillermo Morales Matos &amp; María de los Ángeles Piñeiro Antelo</td>
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<td>4.35 pm</td>
<td>Inequality of Services Industrial Development in Pearl River Delta, China</td>
<td>Yun Zhong</td>
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<td>5 pm</td>
<td>Megacities boom while towns shrink in China: A perspective on hierarchical population migration flows</td>
<td>Wei Qi</td>
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TUESDAY 14

FUCHSIA ROOM

8am  
Café & Croissant

9am - 10.15am  
Paper session 4-A  
Technological innovations, creative activities in cities  
Chair: Suhong Zhou

9am  
Innovation-based urbanization: evidence from 270 Chinese cities at the prefecture level or above  
Lachang Lyu

9.25am  
High-technology Diffusion in a Smart City: The Case of Yokohama City, Kanagawa Prefecture  
Hiroki Honda

9.50am  
Creative and Cultural Industries in British Urban System  
Daniel O’Donoghue

10.15 - 10.45am  
Coffee break

10:45 – 12.00pm  
Paper session 5-A  
Technological innovations, creative activities in cities  
Chair: Ludger Basten

10.45 am  
An open innovation platform under the national environmental technology strategy in Malmö, Sweden  
Jun Yamashita

11.10am  
Understanding the Composition and Allure of the Canadian Video Game Industry  
Grant Morin

ORANGE ROOM

9am  
Paper session 4-B  
New concepts and methods in urban studies  
Chair: Julio Pedrassoli

9am  
Port and industrial enlargement in coastal cities: An analysis through remote sensing of the urban expansion area in the port sector of São Luís, Maranhão, Brazil  
Ulisses Denache Vieira Souza, Reinaldo Paul Pérez Machado

10:45 – 12.00pm  
Paper session 5-B  
Subjective/objective Well-Being in cities  
Chair: Markus Hesse

10:45 am  
Health disparities and new challenges of urbanization in Algiers  
Tarek Medjadj & Guy Baudelle

11.10am  
People with limited access to shopping facilities in declining suburbs and new prospects for poor shopping environments by online shopping in Japan  
Jun Nishihara and Shun Suzuki
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| 10.45 - 12.00pm | **Paper session 5-A**  
            Technological innovations, creative activities in cities  
            Chair: Ludger Basten  
            (Suit)                                      | **Paper session 5-B**  
            Subjective/objective Well-Being in cities  
            Chair: Markus Hesse  
            (Suit)                                      |
| 11.35am     | Fablabs and hackerspaces in cities: role and integration with existing environment (France, Belgium)  
            Flavie Ferchaud                                      | Exploring urban-rural disparity of the multiple deprivation index in Guangzhou City from 2000 to 2010  
            Yuan Yuan                                          |
| 12.00 - 1.30pm | **Lunch on-site**                                                                    |                                                                            |
| 1.30 - 2.45pm | **Paper session 6-A**  
            Technological innovations, creative activities in cities  
            Chair: Liliane Buccianti-Barakat                  | **Paper session 6 -B**  
            Complex urban systems and processes of cities’ transformation  
            Chair: Denise Pumain                               |
| 1.30pm      | Coworking Spaces and urban integration in France and Quebec: living environment, mobility and economic development  
            Priscilla Ananian, Divya Leducq                   | Urban life cycles and scaling laws – Does a dual view unveil underlying dynamics?  
            Dani Broitman, Yitzhak Benenson, Daniel Czamanski |
| 1.55pm      | Designing territorial innovation policy in an era of growing workplace mobility: The case of innovation districts  
            Patrick Kilfoil, Filipa Pajević & Richard Shearmur | Relational cities. Exploring niche-economic strategies and related urban development trajectories of Geneva (Switzerland), Luxembourg (Luxembourg) and Singapore  
            Markus Hesse, Catherine M.L. Wong                 |
| 2.20pm      | Assessment of urban civil servants’ awareness and use of smart city related technological innovations in Africa-Nigeria  
            Raimi Abidemi Asiyanbola                           | Cities’ centrality according to the changing space of their firms’ activities (2010-2016)  
            Céline Rozenblat, Mehdi Bida, Elfie Swerts         |
FUCHSIA ROOM

2.45 - 3.15pm  **Coffee break**

3.15 – 4.55pm  **Paper session 7-A**

**Sustainable to resilient cities**
Chair: Rubén C. Lois González

- Recreating slum tourism: Perspectives from South Africa
  Christian M. Rogerson & Irma Booyens

- Urban Green Spaces for Sustainable Community Development: A strategic management approach
  José G. Vargas-Hernández, Justyna Zdunek-Wielgołaska, Karina Pallagst

  Isabelle Simpson

- Finding a spatial rating for participation and innovation in food governance in Clermont-Ferrand, France
  Pierre-Mathieu Le Bel, Marie Houdart, Sylvie Lardon

ORANGE ROOM

**Paper session 7-B**
Innovative and smart building and transportation in cities
Chair: Giovanni Fusco

- Urban village redevelopment in Beijing
  Ran Liu

- Job-Employed Resident Imbalance and Travel Time in South Africa.
  Herman Geyer, Solly Molayi

- Urban mega-developments and racial clustering
  Sarah Moser
WEDNESDAY 15

FUCHSIA ROOM

8am
Café & Croissant

9am - 10.15am
Paper session 8
Sustainable to resilient cities
Chair: Maria Jose Piñeira Mantiñán

9am
The urban green networks, an essential element for the resilient city? The example of Montreal
Xavier Cornet

9.25am
The Greening of Buildings in South Africa: The case of green roofs
Jayne Rogerson, Shayna-Ann Cuthbertson

9.50am
Operation of the substructure in the city (example of Jeżyce in Poznań)
Lidia Mierzejewska

10.15 - 10.45am
Coffee break

10.45 - 12.00pm
Paper session 9
Polycentrism, small and medium size cities
Chair: Lidia Mierzejewska

10.45am
Urban spatial structure and economic performance: From the mono- and polycentric perspective
Bindong Sun, Wang Li & Tinglin Zhang

11.00am
Factors of Emergence of Mining’s Pioneer Cities: Example of Guyana Plateau and Yakutia in Siberia
Anne Péné-Annette, Sébastien Gadal, Jūratė Kamičaitytė-Virbašien

11.35am
Densification in small periurban towns of the Île de France: strengthening polycentrism
Claire Fonticelli

12 - 1pm
Lunch on-site

FIELDTRIP INFORMATIONS

Meeting point: 1.10pm - Lobby Alt hotel
3 hours with a 15 min break
Bring your coupon
Note: Be sure to dress appropriately and wear comfortable shoes
Option 1: Montreal: from villages to a metropole (bus tour)

The tour explores the stages of urbanization of Montreal neighborhood by neighborhood. It shows how the social inequalities characteristic of the industrial revolution persist in a city today marked by deindustrialization and the emergence of a service economy. From the city center to the Lachine Canal, from Westmount to Saint-Henri, the circuit takes the measure of social contrasts and citizen solidarity that mark the city of yesterday and today.

#montreal #neighborhood #history #immigration

By bus, 46 people max
1.30pm - 4.30pm

Option 2: Discover a neighborhood of Montreal: la Main (St Laurent boulevard) (walking tour)

"The outing consists in a 2.5km walking tour of Montreal's mythical street, Saint-Laurent Boulevard, also known as la Main. The tour begins in Chinatown and will lead us up Saint-Laurent all the way into the Plateau neighbourhood. Considered as the frontier between Montreal's 'Two Solitudes', the French and the English, St-Laurent is also Montreal's historic corridor of immigration as it witnessed waves of immigrants settle on and around this street over the years (Chinese, Jewish, Portuguese and Italian immigrants for the most part). While a large portion of the street is now associated with nightlife and an increasing amount of painted murals, traces of this immigrant past are still very much present when one knows where to look."

#themain #immigration #gentrification #mural #montreal #stlaurentblvd

By foot, 20 people max
1.30pm - 4.30pm
THURSDAY 16

FUCHSIA ROOM

8am  Cafe & Croissant

9am - 10.15am  Paper session 10 - Plenary
Urban Governance, planning and participative democracy
Chair: Jun Yamashita

9am  Research of Eco-compensation Method for River Basins and its Application to Liuxi River in Guangzhou
Chaoqiao Ning & Zou Bo

9.25am  Flora Consumption and Growth in the City of Panama
Isabel Maria Madaleno

9.50am  Finance Mechanisms for Urban Protected Natural Areas: An alternative to governmental funding for the formation of local environmental conservation systems. A case study in Salvador da Bahia, Brazil
Ricardo Machado, Rubén Lois González

10.15 - 10.45am  Coffee break

10.45 - 12.00pm  Paper session 11 – Plenary
Sustainable to resilient cities
Chair: Ivan Townshend

10.45 am  To cope with urban brownfields: a new way to conciliate resilience and sustainability? The case of military urban brownfields after the end of the Cold War.
Stéphanie Lotz

11.10am  Urban resilience: toward a multi-level approach
Mikhail Rogov, Céline Rozenblat

11.35am  Plural nature hybrid patterns in urban projects
Muriel Delabarre

12.00 - 1.30pm  Lunch free
FUCHSIA ROOM

1.30 - 2.45pm  
**Paper session 12 – Plenary**  
Shrinking and aging Cities  
*Chair: Céline Rozenblat*

1.30pm  
Is the securitization of healthcare facilities sustainable? A cross-country comparison of healthcare REITs’ development (France, UK and Japan)  
Natacha Aveline-Dubach

1.55pm  
Remaining in decline. Who “decides” to stay in Japan’s shrinking suburbs nowadays?  
Sophie Buhnik

2.20pm  
The growth and decline of Japanese suburban neighborhoods: A case of the Nagoya metropolitan area  
Tomoko Kubo & Toshiyuki Otsuka

2.45 - 3.15pm  
**Coffee break**

3.15 - 4.30pm  
**Paper session 13 – Plenary**  
Shrinking and aging Cities  
*Chair: Tomoko Kubo*

3.15pm  
Reconfiguration of hospital supply (establishment and bed) since the early 2000s in France: Are shrinking cities more at stake?  
Benoit Conti, Sophie Baudet-Michel, Marianne Guérois, Charlène Le Neindre, Antonin Pavard

3.40pm  
Urban environment and vacant lands in shrinking cities: towards new frameworks in France? Learning from Roubaix  
Nadia Arab, Yoan Miot

4.05pm  
Study of Environmental Bargaining of the location choice of pollution intensive enterprises in different cities, China  
Shen Jing
FRIDAY 17

FUCHSIA ROOM

8am  Café & Croissant

9am - 10.15am  Paper session 14 – Plenary
Urban Governance, planning and participative democracy
Chair: Javier Delgado

9am  Data, Technology and e-Participation: New Challenges for Urban Planning
Stéphanie Hasler, Jérôme Chenal & Marc Soutter

9.25am  Digitalizing Urban Resilience Governance: A Photovoice Exploration in Bago, Myanmar
Yanjun Cai

9.50am  The challenge of re-governing Spanish cities: between change and tradition
Maria Jose Piñeirá Mantiñán & Alejandro López-González

10.15 - 10.45am  Coffee break

10.45 - 12.00pm  Paper session 15 – Plenary
Contested social spaces
Chair: Dan O’Donoghue

10.45 am  Considerations on coastal urban regions close to protected environmental areas: The influence of Lençóis Maranhenses National Park, Maranhão, Brazil
Reinaldo Paul Pérez Machado; Ulisses Denache Vieira Souza

11.10am  Salvador de Bahia, Brazil: social and spatial inequality in theory and practice
Pedro De Almeida Vasconcelos

11.35am  Claiming the right to neighbourhood through community action and social innovation: a venue for a socially acceptable gentrification? The case of Madeleine Champs-de-Mars (Nantes) and Hochelaga (Montreal)
Leila Ghaffari & Juan-Luis Klein

12.00 - 1.30pm  Lunch free
1.30 - 2.45pm  **Paper session 16 – Plenary**  
**Sustainable to resilient cities**  
Chair: Reinaldo Paul Pérez Machado

1.30pm  Organizing the City for an Uncertain Future. Morphological Resilience and Antifragility in Urban Strategic Foresight  
Giovanni Fusco

1.55pm  Edible heritage in the Museum-City, a geographer’s exploration of a UNESCO site  
Pierre-Mathieu Le Bel

2.20pm  Feeding the city: geospatial analysis and selection of vacant land suitable for urban farming production in Salvador de Bahia, Brazil  
Julio Pedrassoli, Reinaldo Perez Machado

2.45 - 3.15pm  **Coffee break**

3.15 - 4.45pm  **BUSINESS MEETING**  
**CLOSING CEREMONY**

5.30 - 7.30pm  **CLOSING COCKTAIL**
PLACES & RESTAURANTS

5 minute walk

Zibo
Alt restaurant

La bête à pain
195 Young St.

Café Monopole
782 Wellington St.

Notre Dame Street: vibrant neighborhood street with many restaurants

10 minute walk

Olive et Gourmando
351 Saint-Paul St. W

Lord William Pub
265 Seigneurs St.

Brasseurs de Montréal
1485 Ottawa St.

20-25 minute walk

Marché Atwater: great fresh foods and flower market near the canal

Burgundy Lion Pub
2496 Notre-Dame St. W

Place Jacques Cartier: in the heart of old Montreal, public plaza with restaurants
Dining out and tips

We would like to remind you that prices do not include taxes or tips. When dining out, we strongly recommend that you tip your waiter 15%.

Bus & metro (STM)

Public transportation fare is $3.25. The metro is open from 5:30am to midnight. To board busses, the exact change or a ticket is necessary.

Bike location (BIXI)

A public bike share service is available and allows you to rent a bike for 5$ a day plus fees for each 30 minutes of use; the first 30 minutes of any trip is free.

TÉO

An iOS and Android app which lets you order a cab and pay your fare from your phone or tablet.

Or

Taxi COOP: 514 725-9885
Taxi Diamond: 514 273-6331

In the case of a medical emergency dial 911.

For other medical needs, it is possible to walk into a CLSC. The nearest one is located at 3187 St Jacques St.