

Conference Handbook

8th International i-Rec Conference and Student Competition, York University, Toronto, June 1-2

**RECONSTRUCTION AND RECOVERY
FOR DISPLACED POPULATIONS
AND REFUGEES**

65.3 Million
people worldwide are forcibly displaced

1 icon = 450,000

8th i-Rec
International Conference
www.adersim.info.yorku.ca/i-rec2017

June 1-2
YORK UNIVERSITY
TORONTO, CANADA **2017**

Abstract and Session proposal
submission deadline:
February 15, 2017

i-Rec
YORK UNIVERSITY

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CONFERENCE INFORMATION AND CREDIT

Host:

Advanced Disaster, Emergency & Rapid Response Simulation (ADERSIM), Disaster & Emergency Management Programs, York University

Organiser:

i-Rec
Advanced Disaster, Emergency & Rapid Response Simulation (ADERSIM), Disaster & Emergency Management Programs, School of Administrative Studies, Faculty of Liberal Arts and Professional Studies, York University
Centre for Refugee Studies, York University

Convener:

Dr. Ali Asgary (Chair), asgary@yorku.ca
Dr. Jenaro Nosedal-Sanchez (Co-Chair Program)
Alison Kingelin (Co-Chair Planning and Logistics)
Richard Karsseboom (Sponsorship & Exhibits)
Zhara Yazdizadeh (Communication)
Shichao Zhang (Program).



i-REC 2017 Scientific Committee

Professor David Alexander, UCL Institute for Risk and Disaster Reduction, University College London, London, United Kingdom.

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Dr. Niru Nirupama, Associate Professor, Disaster & Emergency Management, York University, Toronto, Canada.

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Professor Jianhong Wu, University Distinguished Research Professor & Canada Research Chair in Industrial & Applied Mathematics, Department of Mathematics and Statistics, York University, Toronto, Canada.

INTRODUCTION

Welcome to the 8th i-Rec Conference. i-Rec is a social network of professionals and students who practice in or research on post-disaster reconstruction. I-Rec emerged at the University of Montreal under the guidance of Professor Colin Davidson in the early 21st century. He inspired a large number of students and researchers interested in this field and in collaboration with other scholars, he shaped the i-Rec network. The key mission of i-Rec is to share learning about reconstruction practice and to further theoretical insights into reconstruction and recovery. More information about i-Rec and its activities can be found at the i-rec website (www.grif.umontreal.ca/i-rec/).

This 8th bi-annual conference follows on from the i-Rec Conferences in London, England in 2015, in Ascona, Switzerland in 2013, in Ahmedabad, India in 2010, in Canterbury, New Zealand in 2008, in Florence, Italy in 2006, in Coventry, UK in 2004 and Montreal in 2002. My first participation in i-Rec conferences was in 2006 in Florence. This was the event through which I met the i-rec founders and subsequently became interested in its activities and has attended most of its conferences, often with my students.

The i-Rec 2017 was originally supposed to happen in Turkey. Considering potential security concerns at the time, the i-Rec executives asked me if I can organize the 8th i-rec Conference in Canada at York University.

The i-Rec conferences are not usually large conferences in terms of number of participants, but they are great conferences in terms of quality of the papers, networking opportunities, discussions, and participants knowledge and experiences. By the conference abstract submission deadline, we received about 50 abstracts from authors from different parts of the world. After the abstracts were reviewed and reviewers' comments were submitted to the authors, about 30 revised abstracts, full papers or extended abstracts were received and included in the conference program.

Student competition has been an important element of the i-Rec conferences. In this round competition organizers received 15 entries from students of architecture, urban planning and disaster management from 8 universities in Africa, South America, North America, Europe, Asia, and Oceania. The entries have been reviewed by a panel of judges and the results will be announced during the conference.

Although post disaster recovery and reconstruction has extensive focus on the lives of displaced population impacted by various natural, technological and human made disasters, considering the increasing trends in population displacement and refugees in recent years, particularly due to conflicts and wars, the 8th i-rec conference focused on disaster recovery and reconstruction for displaced populations and refugees in order to encourage researchers to study and examine ways that we can help these people recover and reconstruct their physical as well as social lives wherever they are. Fortunately a good number of papers submitted to the i-Rec conference cover these important aspects.

A number of people have been instrumental in bringing this conference together, including i-Rec executives, scientific committee members, local organizing committee, York's Disaster & Emergency Management Program office, and the School of Administrative Studies.

On behalf of the i-Rec executives, the entire team, and York University we wish you a great time in the 8th i-rec conference and in Toronto.

Ali Asgary, Toronto, May 18 2017

GOALS AND OBJECTIVES

The main goal of i-Rec conferences is to contribute to disaster reconstruction and recovery knowledge and its applications in disaster impacted populations through inter-disciplinary research and information sharing with various stakeholders. The 2017 i-Rec conference seeks to understand how disaster recovery and reconstruction knowledge and practice can contribute to the recovery and reconstruction of displaced and refugee populations. In particular the conference seeks to push the boundaries of knowledge on recovery and reconstruction and develop new areas of inquiry that help to solve the complex problems related to forced displacement. The conference is expressly designed to bring researchers, practitioners, and policy makers together to collaborate in moving this critical issue forward, and to bring it to the attention of decision makers faced with the realities of forced displacement.

CONFERENCE MAIN THEMES

According to the UN Refugee Agency (UNHCR), the total number of people forcibly displaced worldwide in 2015 reached a total of 65.3 million. An estimated 12.4 million of these were newly displaced in 2015 as a result of conflict or persecution. Many of these displaced populations may never be able to go back and rebuild their houses, communities, and businesses. Therefore, it is important that recovery and reconstruction professionals, researchers, and policy makers examine how displaced populations can rebuild their life in new locations and recover from disasters that have impacted their lives, livelihoods, and communities. Therefore, the main theme of this year's symposium, 'Reconstruction and Recovery for Displaced Populations and Refugees' reflects the need to better understand the multidimensionality and complexity of population displacement and the role that reconstruction and recovery knowledge and practice can play in this regard.

CONFERENCE TRACKS

- Design for refugee spaces refugee camps and temporary spaces 1
- Vulnerability Reduction, Community Participation, the whole community (inclusive) and Coping Strategies in post disaster recovery and resettlement
- Theoretical and socio-political issues of post-disaster reconstruction policies and planning
- Design for refugee spaces, refugee camps and temporary space 2
- Climate change and conflicts induced displacement

ABOUT I-REC

i-Rec is an international network focused on the study of reconstruction and recovery after disasters. i-Rec deals with information exchange between its members in order to contribute with knowledge related to building activities in situations of crisis, particularly disasters in developing countries. It creates links between more than 400 specialists in the field of post- disaster reconstruction, particularly in the areas of architecture, engineering and construction, humanitarian aid, international development and social sciences. i-Rec

organizes an international conference every two years: Montreal (Canada), 2002; Coventry (UK), 2004; Florence (Italy), 2006; Christchurch (New Zealand), 2008, Ahmedabad (India), 2010, Ascona (Switzerland) 2013, London (UK), 2015. The i-Rec conferences bring together academics and practitioners interested in this field. In this regard, the conferences are a suitable environment for knowledge transfer and training based on experience and research.

Find i-Rec in Facebook: www.facebook.com/groups/iReconstruction/

I-rec website: www.grif.umontreal.ca/i-Rec.htm



PROGRAM AT A GLANCE

THURSDAY 1 JUNE

8.00-8:30 **Conference registration**

(Room HNE 038)

8:30-10:00 **Plenary Session 2**

(Room HNE 038)

10:00 - 10:30 Coffee Break

10:30-12:00 **Session 1**

(Room HNE 038)

12.00 Lunch

13.00 -14:30 **Session 2 (Room HNE 038)**

14.30 Coffee Break

15.00 -16:30 **Session 3**

(Room HNE 038)

FRIDAY 2 JUNE

8.30-10:15 **Plenary Session 2**

(Room HNE 038)

10:15 – 10:45 Coffee Break

10:45 – 12:00 **Session 4**

(Room HNE 038)

12:00 to 12:30 **Student Competition Results**

(Room HNE 038)

12.30 Lunch

13.30-14:45 **Session 5**

(Room HNE 038)

14:45 – 15:00 Coffee Break

15:00 – 16:30 **Session 6: i-Rec Debate and Closing Session**

6-11: i-Rec 2017 Dinner

(Downtown Toronto- Tour of Distillery District- Dinner)

CONFERENCE PROGRAM

DAY 1: June 1 2017	
8:00-8:30	Registration
8:30-10.00	Plenary Session1 Room HNE 038
	<p>Welcome note by the local organizers</p> <p><i>Kevin Dunbar</i>, Deputy Director of Humanitarian Operations at CARE Canada Promoting Safer Building: Using science, technology, communications and humanitarian practice to support family and community self-recovery</p> <p><i>Faten Kikano</i> <i>Gonzalo Lizarralde</i> Settlement polities for Syrian refugees in Lebanon and Jordan: An Analysis of the benefits and drawbacks of organized camps</p>
10:00-10:30	Coffee Break
10:30 - 12:00	Session 1: Design for refugee spaces refugee camps and temporary spaces 1 <i>Chairs: Gonzalo Lizarralde & Georgia Cardosi</i> Room HNE 038
	<p>Sandra Carrasco David O'Brien</p> <p>URBANISM OF EMERGENCY: USE AND ADAPTATION OF PUBLIC OPEN SPACES IN DISASTER-INDUCED RESETTLEMENT SITES Gisella Calcagno Roberto Bologna</p> <p>From emergency to integration? The spatial controversy of reception centres</p> <p>Aaron Opdyke Amy Javernick-Will Participation Pathways to Increased Social Capital in Humanitarian Shelter Projects</p>
12:00 - 1:00	Lunch

<p>1:00 - 2:30</p>	<p align="center">Session 2: Vulnerability Reduction, Community Participation, the whole community (inclusive) and Coping Strategies in post disaster recovery and resettlement</p> <p align="center">Chairs: Jason von Meding & Aida Mamuji</p> <p align="center">Room HNE 038</p>
	<p>Stefania Arang Benjamin Herazo Gonzalo Lizarralde Adriana Lopez Vulnerability Reduction among Internally Displaced Populations Through Tactical Urbanism</p> <p>April Aryal Suzanne Wilkinson Alice Chang-Richards Community Participation to Improve Disaster Recovery -An experience from Nepal Earthquake</p> <p>Catherine Kenny Planning for Whole-of-Society Resettlement: Exploring Resettlement Agencies' Experiences Planning for Syrian Refugee Resettlement</p> <p>Jack L. Rozdilsky Learning about Social Polices and Coping Strategies for Forcibly Displaced Persons from the Montserrat Volcanic Crisis</p>
<p>2:30 - 3:00</p>	<p align="center">Coffee Break</p>

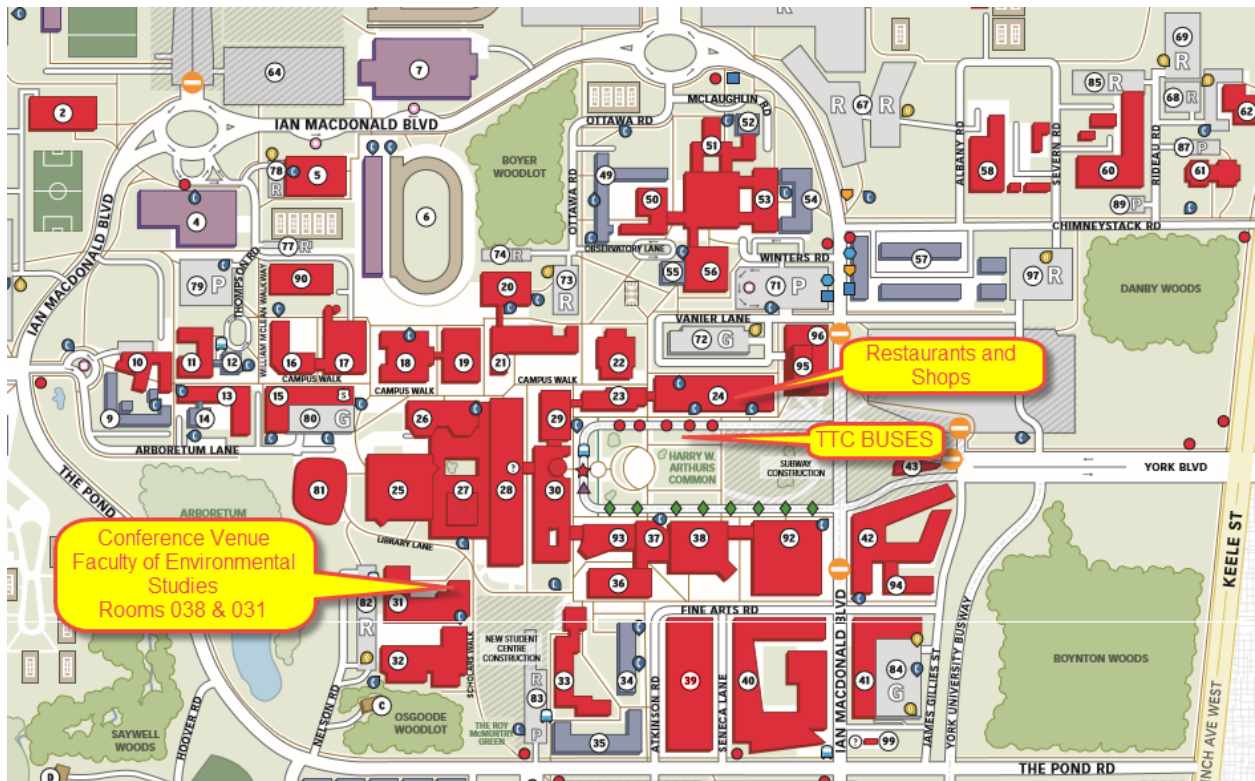
<p>3:00 - 4:30</p>	<p align="center">Session 3: Theoretical and socio-political issues of post-disaster reconstruction policies and planning</p> <p align="center">Chairs: Lee Boshier and Jack Rozdilsky</p> <p align="center">Room HNE 038</p>
	<p>Oluwadunsin M. Ajulo Jason Von Meding Patrick Tang Prioritising Transformation: Political, Social or Technological Transformation – which comes first?</p> <p>Liz Brogden Sustainable Futures and the Process of Shelter and Settlements: A Design Theory Perspective</p> <p>Shaye Palagi Amy Javernick-Will Ali Mostafavi Establishing a model of post-disaster risk reduction and relocation decision making</p> <p>Mahmood Fayazi Gonzalo Lizarralde The impact of relocation policies in different household groups – the case of Bam</p>
<p align="center">DAY 2: June 2, 2017</p>	
<p>8:30 - 10:15</p>	<p align="center">Plenary Session 2 Room HNE 038</p>
	<p align="center">Lee Boshier <i>Senior Lecturer, School of Civil and Building Engineering, Loughborough University, Loughborough, UK</i></p> <p align="center">The Man-made causes of disasters</p> <p>Yan (Alice) Chang-Richards Erica Seville, Suzanne Wilkinson, Bernard Walker (presented by: April Aryal) Effects of natural disasters on displaced workers</p> <p>Johnson, T. von Meding, J. Gajendran T. Forino, G. Grievable Lives? Vulnerability among the Rohingya of Rakhine State, Myanmar</p>

<p>10:15 - 10:45</p>	<p style="text-align: center;">Coffee Break</p>
<p>10:45 - 12:00</p>	<p style="text-align: center;">Session 4: Design for refugee spaces, refugee camps and temporary spaces 2</p> <p style="text-align: center;">Chairs: Liz Brogden and Sandra Carrasco</p> <p style="text-align: center;">Room HNE 038</p> <hr/> <p>Georgia Cardoso Multilevel Informality: Spatial control and organization in the Toi Market in Kibera (Nairobi)</p> <p>Kenji Koshiyama Sheltering Status after 1 year of the Multiple Disaster in Fukushima</p> <p>Elizabeth English Title: Amphibious retrofit: An alternative to flood-induced displacement</p> <p>Teja Malladi Garima Jain (via Skype) Lessons from Post Disaster Reconstruction in Odisha – A case of Odisha Disaster Recovery Project</p>
<p>12-12:30</p>	<p style="text-align: center;">Student Competition Results Announcement</p> <p style="text-align: center;">Room HNE 038</p>
<p>12:30 - 1:30</p>	<p style="text-align: center;">Lunch</p>

	Session 5: Climate change and conflicts induced displacement Chairs: David Etkin and Elizabeth English Room HNE 038
1:30 - 2:45	<p>Chinh Luu Jason Von Meding Sittimont Kanjanabootra Analysing flood fatalities in Vietnam using national disaster database from 1989 to 2015 and regression methods</p> <p>Gonzalo Lizarralde Benjamin Herazo Lisa Bornstein Danielle Labbé Holmes Páez Adriana Lopez Andres Olivera Hernan Ascui Reinforcing bottom up initiatives for climate change adaptation in Latin America and the Caribbean</p> <p>MARTINS, A.Nuno ICT and mobile applications for disaster risk and incremental housing; the case of NGOs in Rio de Janeiro</p> <p>Ali Asgary Adriano Solis Jenaro Nosedal-Sanchez Hadi Rezvani Simulating Population Displacement for Humanitarian Response</p>
2:45 - 3:00	Coffee Break
3:00 - 4:30	Session 6: i-Rec Debate Session Closing Session Room HNE 038

Each paper has been provided with 20 minutes time slot of the allocated session. Speakers are kindly requested to organize their presentations in a way that there will be at least 5 minutes for questions and answers and sessions chairs' feedback. Full papers (if submitted) are provided to the session chairs in advance so that they can provide the authors with the feedback during and after the conference for publication purposes. Please prepare your slides and email them to us at (irec2017@yorku.ca) if you would like us to upload it and test it in our systems in advance. Otherwise, please bring your presentation file to the session at least 20 minutes before the session and we will upload it for you. Lunch and coffee breaks will be served in the conference rooms for both days. We have arranged for buffet lunch to provide you with different choices, but please let us know if you have any special need

CONFERENCE VENUE Health, Nursing and Environment (HNE)



Health, Nursing and Environment or HNE is building number 31 in York University Map. Rooms NHE 038 and NHE 031 are located in the lower level of this building. As you enter the building take the stairs or elevator to the lower level