



2nd Workshop of the “UK-Brazil Interdisciplinary Research Network on Urban Resilience Data”

Monday 5th – Tuesday 6th February 2018

Wolfson Research Exchange Room, University of Warwick Library

Introduction:

As part of [PPGSHS 2018 International Water Lectures](#), this Workshop is the second in a series of activities intending to strengthen research collaboration between the University of Warwick and three Brazilian partner universities: University of São Paulo (USP), Getulio Vargas Foundation (FGV-EAESP) and Federal University of Rio de Janeiro (UFRJ), building upon and extends the past successful project “[UK-Brazil Collaboration on Leveraging Crowdsourced and Sensor Data to Support Decision-Making towards Urban Resilience](#)” funded by the EPSRC Global Challenges Research Fund Institutional Award.

This interdisciplinary network includes academics, early-career researchers and students from several disciplinary backgrounds such as computer science, engineering, social sciences and arts and humanities, as well as stakeholders from governmental organisations in Brazil and in the UK. The main aim of the network is to foster collaborations between researchers from Warwick and partners in Brazil to develop innovative interdisciplinary methods to make sense of new sources of data to improve urban resilience.

This workshop will include presentations from researchers from UK and Brazilian organisations on three distinct aspects of urban life in which data is being widely used to enhance resilience, namely:

- Healthy urban environments
- Disaster risk reduction
- Citizen engagement and participatory governance

The second day of the workshop will be dedicated to an open, plenary discussion in small groups regarding further collaboration initiatives between different department of Warwick University and Brazilian institutions.

Monday, February 05, 2018

9:00 – 9:15

Arrival and reception

9:15 – 9:30

Welcome Address – (Dr João Porto de Albuquerque)

9.30– 12:00

Session 1: Healthy urban environments

9:30 – 10:15

Invited Speaker: Dr Raquel Nunes, Warwick Medical School

“Resilience to extreme temperatures in urban environments for good health and well-being”

10:15 – 10:40

PhD Student presentation: “Mental Health and Urban Green Spaces”, Vikki Houlden, WISC/CIM, Warwick

10:40 – 11:00

PhD Student presentation: SHOWS: Socio-Hydrological Observatory for Water Security in Cities under Change, by Felipe Augusto Arguello de Souza (EESC-USP, Brazil)

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11:00 – 11:15	Break
11:15 – 12:00	Invited discussant comments: Professor Alexandre Delbem, ICMC, University of São Paulo
12:00 – 13:00	LUNCH
13:00 – 15:15	<u>Session 2: Disaster Risk Reduction</u>
13:00 – 13:45	Invited Speaker: Prof. E M Mendiondo (EESC-USP, Brazil [*]) Water-and-Health Risk Reduction Using Crowdsourcing with Social Media and Big Data: First results and the Steps Forward
13:45 – 14:10	PhD Student presentation: Vangelis Pititdis
14:10 – 14:30	PhD Student presentation: Sidgley Camargo de Andrade
14:30 – 15:15	Invited discussant: tbc
15:15 – 15:30	Coffee Break
15:30 – 17:00	<u>Citizen engagement and participatory governance</u>
15:30 – 16:00	Invited Speaker (tbc)
16:00 – 16:20	PhD Student presentation: Livia Castro Degrossi
16:20 – 16:40	PhD Student presentation: Philipp Ulbrich Water Risk Modelling Using Citizen Science Data through Volunteered Information from Urban Observations, by Maria Clara Fava (EESC-USP, Brazil [*])
16:40 – 17:00	Invited discussant: Dr João Porto de Albuquerque
20:00	Dinner

Tuesday, February 06, 2018

10:00– 10:15	Summary of the previous day- (Dr João Porto de Albuquerque)
10:15 – 12:30	Discussion about future collaborations and project proposals in small groups^(*)

(* participation through webinar and videoconference with EESC-USP, Brazil)