

International Conference 2026:

Reinventing Urban Futures: Regenerative Cities for a Resilient Planet

3-4 September 2026

Queen's Building

De Montfort University, Leicester LE1 9BH

Programme

Day 1: 03 September 2026

9am – 9.30	Participant badge collection from the Queen's Building concourse
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Welcome address – Venue QB1.10 Auditorium

9.30-9.35	Conference inauguration – Prof. Subhes Bhattacharyya	For Online participants
9.35-9.45	Welcome by Prof. Shushma Patel, PVC Dean, Faculty of Technology, Arts and Culture	Microsoft Teams meeting Join: https://teams.microsoft.com/meet/374402101538605?p=puLwlxTR8aL0cOFiqM Meeting ID: 374 402 101 538 605 Passcode: 52G9t5Am
9.50-10.30	Keynote address by Dr David Rubens, Executive Director, Institute of Strategic Risk Management, London	
10.30-10.45	Questions and Answers	

Break 10.45-11.00 – Tea & Coffee / Networking - Queen's Concourse

11.00-12.30 Session 1 – Regenerative Urbanism – Venue QB0.10

Chair: Dr Amal Abuzeinab (DMU) - Hybrid presentations

Online participation: **Microsoft Teams meeting**

Join: <https://teams.microsoft.com/meet/372260679510282?p=Y1RMOLyY8wXFG7Tm5E>

Meeting ID: 372 260 679 510 282 Passcode: Cs6to9EB

Time	Presenter	Paper title	Link to paper and presentations
11.00-11.15	Xingxing Zhang, Dalarna University, Sweden (in-person presentation)	Co-creating regenerative urban furniture for positive energy districts: lessons from a demonstration in Sweden	Paper: https://doi.org/10.5281/zenodo.22178292 PPT: https://doi.org/10.5281/zenodo.22180814
11.20-11.35	Rashid Maqbool – University of Manchester (in person/online)	Unlocking economic sustainability in facility management operations and maintenance: Insights from BIM and digital twin adoption	Paper: https://doi.org/10.5281/zenodo.22181034 PPT: https://doi.org/10.5281/zenodo.22255348
11.40-11.55	Umeora, Chukwunonso Obiefuna (Chukwuemeka Odumegwu Ojukwu University,	The Role of Nature-Based Solutions in Climate Change Mitigation in Nigeria	Paper: https://doi.org/10.5281/zenodo.22181160 PPT: https://doi.org/10.5281/zenodo.22254332

	Uli Campus, Anambra State, Nigeria) - online		
12.00-12.15	Mwangi P. Wanderi, Mount Kenya University - online	Strategic Use of Infrastructure and Innovation in Promotion of Sustainable Cities and Communities – The Case of Ziwani Manor, Kiambu County, Kenya	Paper: PPT:
12.00-12.30	Questions, answers and discussions		



11.00-12.30 Session 2 – Reimagining Urban Infrastructure- QB 0.12

Online participation: **Microsoft Teams meeting**

Join: <https://teams.microsoft.com/meet/360072532797175?p=UNMSme26sITORi94VX>

Meeting ID: 360 072 532 797 175

Passcode: Hv2uQ675

Chair: Dr Mark Charlton (DMU)

Time	Presenter	Paper title	Link to resources
11.00-11.15	Vishvjit Thakar (Indrashil University, India)	Drone and Satellite Based Urban and Rural Planning in Developing Nations for Sustainable and Resilient Infrastructure	Paper: https://doi.org/10.5281/zenodo.22195162 PPT: https://doi.org/10.5281/zenodo.22205260
11.20-11.35	Abhishek Tiwary (DMU)	Reaching for the sky: Designing multi-functional urban infrastructure in vertical space	Paper: https://doi.org/10.5281/zenodo.22211078 PPT: https://doi.org/10.5281/zenodo.22211335
11.40-11.55	Anna Beasley (JBA Consulting, UK) - online	Scaling up delivery of sustainable drainage in London: evidencing the case for change	Paper: https://doi.org/10.5281/zenodo.22211549 PPT: https://doi.org/10.5281/zenodo.22211702
12.00-12.15	Anthony Maduabum (DMU)	Adaptive Thermal Mass in Regenerative Urban Infrastructure: A Dynamic Simulation Study of Climate-Responsive Ventilation Strategies	Paper: https://doi.org/10.5281/zenodo.2225906 PPT: https://doi.org/10.5281/zenodo.22262137
12.15-12.30	Questions, answers, and discussions		

Lunch break 12.30-13.30 - Queens Concourse

13.30-15.00 – Session 3 – Regenerative Urbanism (Virtual presentations) – QB 0.10

Online participation: **Microsoft Teams meeting**

Join: <https://teams.microsoft.com/meet/389633305763310?p=qXXHfe0TrqJXb3cYrE>

Meeting ID: 389 633 305 763 310 Passcode: SS3zv2ie

Chair: Dr Sahar Abdalrahman (DMU)

Time	Presenter	Title	Link to resources
13.30-13.45	Srajati Tiwari (Climate Solutions International, India)	Urban Energy Dynamics as a Regenerative Framework: Integrating Urban Physics and Circular Economy for Climate-Resilient Indian Cities (Case of Lucknow)	Paper: https://doi.org/10.5281/zenodo.22211945 PPT: https://doi.org/10.5281/zenodo.22215535
13.50-14.05	Lee Knowles (DMU)	Beyond sustainability: Regenerative resort design for coastal ecosystems and communities in Vietnam	Paper: https://doi.org/10.5281/zenodo.22212232 PPT: https://doi.org/10.5281/zenodo.22212371
14.10-14.25	Asma Mehan (Huckabee College of Architecture, Texas Tech University, USA)	Adaptive Reuse and Regenerative Urban Futures: Reimagining Post-Industrial Landscapes Through Community Resilience	
14.30-14.45	Dr Abhishek Srivastava (TERI SAS, India)	From Climate Classification to Urban Revival: A Revised LCZ Framework for Blue-Green Infrastructure Planning in Noida, India	Paper: https://doi.org/10.5281/zenodo.22212477 PPT: https://doi.org/10.5281/zenodo.22226258
14.45-14.55	Questions, answers and discussions		

13.30-15.00 – Session 4 – Reimagining Urban Infrastructure (Virtual presentations) – QB0.12

Online participation: Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/316666313623682?p=RD9wrz0npyp4FOLaH3>

Meeting ID: 316 666 313 623 682 Passcode: vy6RN9c5

Chair: Dr Rupert Gammon (DMU)

Time	Presenter	Title	Link to resources
13.30-13.45	Jamal A. Radaideh (Al-Balqa Applied University, Al Salt, Jordan)	Zero-carbon energy source for Sustainable New Urban Developments in Energy Limited Arid Regions	
13.50-14.05	Abdulrahman Haruna Muhammad (DMU)	Optimising HVAC Setpoints Based on Occupant Neutral Temperatures in a Green-Certified Office Building in a Hot Climate: An Energy Simulation Study	Paper: https://doi.org/10.5281/zenodo.22215683 PPT: https://doi.org/10.5281/zenodo.22215781
14.10-14.25	Ahmed Saleh (Technische Hochschule Deggendorf, Germany)	Heat Pump Control in Urban Buildings: Methods and Deployment Barriers	Paper: https://doi.org/10.5281/zenodo.22215880 PPT: https://doi.org/10.5281/zenodo.22261295
14.25-14.55	Questions, answers and discussions		

15.00-15.30 - Coffee/ tea break and networking – Queen’s Concourse

15.30-17.00 – Workshop led by Dr. David Rubens (QB 0.12)

Online participation: **Microsoft Teams meeting**

Join: <https://teams.microsoft.com/meet/385694441892262?p=aUIYu3N2EevNkrPies>

Meeting ID: 385 694 441 892 262 Passcode: 6Lw7nG2i

Reimagining Urban Futures: Cities 2050

This is going to be an interactive session where we will explore ways of reimagining the urban futures to support the agenda of Sustainable Cities and Communities.

Join the session and help reimagine the future we want in 2050.

Note: Links for presentation resources will open on the day of the presentation.

End of day 1

04 September 2026 – Second day

09.00-09.30 – Networking – Queen’s Concourse

09.30 – 11.0 – Day 2 Session 1 – Rethinking Urban Governance (QB0.10)

Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/384597339579618?p=JPKEmfIKKxALlmtys>

Meeting ID: 384 597 339 579 618 Passcode: QR6NQ3GP

Chair: Prof. Subhes Bhattacharyya

All presentation and paper links will be active on 4th of September 2026 for the second day.

Time	Presenter	Presentation title	Link to resources
09.30-09.45	Andrew Reeves (DMU)	Enabling universities’ regional engagement for climate action in cities and communities: an international comparison	Paper: https://doi.org/10.5281/zenodo.22261403 PPT: https://doi.org/10.5281/zenodo.22216016
09.50-10.05	Shailendra C Baghel (DMU, Dubai)	Rethinking Urban Governance for Regenerative, Inclusive, and Climate-Resilient Cities	Paper: https://doi.org/10.5281/zenodo.22216120 PPT: https://doi.org/10.5281/zenodo.22261443
10.10-10.25	Abdul-Jalil Ibrahim (University of Professional Studies, Ghana)	Urbanisation, Electricity Access and the Clean Energy Transition in Sub-Saharan Africa: Distinguishing the Access and Composition Margins	Paper: https://doi.org/10.5281/zenodo.22216357 PPT: https://doi.org/10.5281/zenodo.22232173

10.30 - 10.45	Nadia Falah (online), University of Seville, Spain	Mapping SDG11–10R Alignment Gaps in Circular City Indicator Frameworks: A Quantitative Cross-Matrix Analysis	Paper: https://doi.org/10.5281/zenodo.22216538 PPT: https://doi.org/10.5281/zenodo.22216633
10.45-11.00	Q and A		

11.00-11.30 - Tea/ Coffee break - Queen's Building Concourse

11.30-12.00 – Poster Presentations - Queen's Building Concourse

Online participation: Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/343170806411689?p=yaMyqWx3ElHMOEKpnv>

Meeting ID: 343 170 806 411 689

Passcode: VK2E7NV6

Chair: Dr. Meisam Abdi

Time	Poster author	Poster title	Link to resources
11.30-11.35	Andrew Reeves	Civic Universities in Communities: The case of Cuba's Municipal University Centres	https://doi.org/10.5281/zenodo.22226544
11.35-11.40	Vishvjit Thakar	Leveraging Artificial Intelligence, Internet of Things, Machine to Machine and Cyber- Physical System for Smart	https://doi.org/10.5281/zenodo.22227450

		Urban Decision Making and Resilient Infrastructure Management	
11.40-11.45	Abhishek Tiwary	Evaluation of a Hybrid Air Handling System Suiting Elderly and Immunocompromised Occupants	https://doi.org/10.5281/zenodo.22228080
11.45-11.50	Elmé Vivier	Sustainable urbanisation and participatory governance in peripheral neighbourhoods: Insights from Bogotá	https://doi.org/10.5281/zenodo.22228269
11.50-11.55	Kedar Mehta (Online)	Climate-Adaptive BIPV Concepts for Sustainable Urban Buildings: Perspectives from Global Climates	https://doi.org/10.5281/zenodo.22229091
11.55-12.00	Markus Killinger (Online)	Coupled CFD Modeling of ventilated BIPV T Façade	

Posters do not require any presentation. The chair and the evaluation team will come around each poster at the indicated time and the poster author is expected to be available for any queries.

12.00 – 12.30 – Lightning talks – QB 0.10

Online participation: **Microsoft Teams meeting**

Join: <https://teams.microsoft.com/meet/355700093200278?p=RWdFjeMVLt0YpJOLAB>

Meeting ID: 355 700 093 200 278

Passcode: dy9Bq7ZU

Chair – Rahul Srivastava

Time	Presenter	Talk title	Link to resources
12.00-12.03	Amal Abuzeinab (DMU)	Nothing is more powerful than an idea whose time has come	https://doi.org/10.5281/zenodo.22229427
12.05-12.08	Fatima Zafar (Nottingham Trent University)	Waste to wings through sustainable fuel innovation for regenerative futures	https://doi.org/10.5281/zenodo.22261502
12.10-12.13	Vishvjit Thakar	Satellite Based Internet of Things for Smart and Resilient Urban Infrastructure Development: Bridging the Connectivity Gap	https://doi.org/10.5281/zenodo.22231355
12.15-12.18	Clara Dunphy (NTU)	Where Broad Marsh used to be: Navigating nature-based solutions in Nottingham	https://doi.org/10.5281/zenodo.22231476
12.20-12.23	Kedar Mehta (Germany) - online	Towards Autonomous Building Envelopes: AI-Enabled Climate Adaptation in Future Urban Buildings	https://doi.org/10.5281/zenodo.22232000

12.30-13.30 – Lunch and networking - Queen’s Building Concourse

13.30- 14.30 Workshop: How to co-create, resource and incentivise regional research and knowledge exchange collaborations alongside a range of stakeholders

QB 0.12

Online participation: Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/375738784881792?p=eQ4MuCV9BCVk3GHYD4>

Meeting ID: 375 738 784 881 792

Passcode: 3bp6Wo96

Led by Prof Subhes Bhattacharyya and Dr Hazel Kerr

14.30 Closing remarks and announcements of conference awards by Subhes Bhattacharyya

QB 0.12

