



8-10 April 2025

HOUSING, HEALTH AND EXTREME EVENTS ONLINE INTERNATIONAL CONFERENCE: DEVELOPING GOOD PRACTICE AND SOUND POLICY

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CONFERENCE PROGRAMME

DAY 1 (HALF DAY) – SETTING THE CONTEXT

Time (GMT)	Speakers / Chair of Session
AM Registration	Chair Dr Steve Battersby Support plus Q&A support on Day 1 Zena Lynch (Associate Prof. (Hon))
14.00 Welcome	Professor David M Hannah <i>Deputy Pro-Vice-Chancellor (Sustainability) University of Birmingham, Director of Birmingham Institute for Sustainability and Climate Action, UNESCO Chair in Water Science</i> Key sponsors thanked by Zena Lynch
14.10 (09.10 US Time) Welcome Address	Dr David Jacobs <i>Chief Scientist, US National Center for Healthy Housing</i> The need for multifactoral approaches to disaster management
14.35 (15.35 CEST) Keynote Speaker 1 30 minutes, plus 10 minutes time for questions	Dr Nathalie Roebbel <i>Lead on Urban Health, World Health Organization</i> Extreme events and their impacts on housing, health and communities
15.25	Break (15 minutes)
15.40 (16.40 CEST) Keynote Speaker 2 30 minutes, plus 10 minutes time for questions	Professor Paloma Taltavull de la Paz <i>Department of Applied Economics, University of Alicante</i> The challenges arising from the Valencia flooding disaster, including the importance of investment in planning and preparedness
16.20 (17.20 South Africa) Keynote Speaker 3 30 minutes, plus 10 minutes time for questions	Dr Michael Agenbag <i>Senior Lecturer/Community Service Co-ordinator (Environmental Health), Cape Peninsula University of Technology</i> Bridging policy and practice gaps in extreme event management – countering psychological biases
17.00 Close of session and arrangements for Day 2	Chair Dr Steve Battersby

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DAY 2 09.25–12.00 AND 13.25–16.30 SUBMITTED CASE STUDIES AND PAPERS

Time (GMT) Speakers / Mediators	Time (GMT) Speakers / Mediators
Parallel Sessions A 09.25–12.00 GMT with 30 minute break	Parallel Sessions B 09.25–12.00 GMT with 30 minute break
Immediate/Urgent Response (Including preparedness for first response, shelter, medical care, food and water, sanitation and refuse, pests, contamination)	Temporary Stabilising/Short Term Responses (Including accommodation, infrastructure, personal health and social support, environmental health, planning for services)
09.25 Introduction - Gill Leng, Session Chair	09.25 Introduction - Jon Stevens, Session Chair
09.30 (16.30 Western Aus) Catherine Feeney <i>Project Lead – LEMA Improvement Program (Local Emergency Management Arrangements), Western Australia Local Government Arrangements) (WALGA), Formerly Local Recovery Coordinator, Shire of Derby West Kimberley</i> Wayne Neate <i>Director of Infrastructure, Shire of Derby, West Kimberley, Australia</i> Learning from ex-cyclone Ellie and the flooding event	09.30 Jamila Wakawa Zanna <i>University of Birmingham</i> Stabilising lives in the aftermath: Addressing the needs of displaced populations in Nigeria through intermediate accommodation and support systems
10.00 Dr Surindar Dhesi and Muhammad Nasir <i>University of Birmingham and University of Georgia</i> Aftermath of the Indonesian earthquake – community resilience and empowerment	10.00 (19.00 Melbourne Aus) Dr Ang Li and Rebecca Bentley <i>NHMRC Centre of Research and Excellence in Healthy Housing, University of Melbourne</i> Housing trajectories following extreme weather events among people with mental illness
10.30–11.00 Break	10.30–11.00 Break
11.00 (13.00 Nairobi) Regina Opondo <i>DARAJA, Resurgence</i> The inclusive city forecasting and early warning service Kenya and Tanzania	11.00 Paul Coleman <i>UKHSA Extreme Events and Health Protection Unit</i> How UKHSA deals with extreme events through the adverse weather and health plan
11.30 (06.30 Chile) Guido Martinez <i>Emergency and Climate Change Coordinator of Environmental Health Department, Undersecretariat of Public Health, Ministry of Health, Chile</i> I Cárcamo, A Gutiérrez <i>Ministerial Secretary of Health Biobio Region</i> Health emergency operations center: A public health tool for wildfire response (Chile)	11.30 Dr Lee Towers <i>School of Social Science Teesside University</i> Anna Cronin de Chavez <i>Exeter University</i> M Cotton Teesside University; N Adger, E Bland, C Butler Exeter University; P Albers and F de Vocht Bristol University; G Walker Lancaster University Lessons from community-led adaptation to extreme weather events to protect health
12.00 Close of session - (Chair) Support and Q&A William Hatchett	12.00 Close of session - (Chair) Support and Q&A Barry Toon

DAY 2 09.25–12.00 AND 13.25–16.30 SUBMITTED CASE STUDIES AND PAPERS

Parallel Sessions C 13.25–16.30 with 20 minute break	Parallel Sessions D 13.25–16.30 with 20 minute break	Parallel Sessions E 13.25–16.30 with 20 minute break
Medium Term Responses (Including planning for reconstructing housing and homes, neighbourhoods, and communities)	Longer Term Responses (Including longer term rebuilding and reconstruction of housing and physical and social infrastructure)	Preventing and Preparing for extreme events (Including planning for and developing resilience to extreme events)
13.25 Introduction – Dr Richard Turkington, Session Chair	13.25 Introduction – Dr Steve Battersby, Session Chair	13.25 Introduction – Jade Lewis, Session Chair
13.30 (14.30 SA) Dr Deborah Robertson-Andersson W Ovens and Dr JM Storie <i>University of Kwazulu-Natal S.A</i> Applying small-scale spatial context in neighbourhood design to minimise the impact of extreme events	13.30 (17.30 Pakistan) Nusrat Nasab <i>Aga Khan Agency for Habitat, Pakistan</i> Building resilience – AKAH transformative approach to safe housing in Pakistan	13.30 Drs Kate Simpson and Angela Connelly <i>Centre for Sustainable Construction and Retrofit, Nottingham Trent University</i> <i>Manchester School of Architecture, Manchester Metropolitan University</i> Bringing mitigation and adaptation together to ensure healthy and resilient homes for all – what the research says
14.00 (15.00 SA) Dr Michael Agenbag <i>Cape Peninsula University of Technology; Faculty of Applied Sciences: Department of Environment and Occupational Studies, SA</i> Multisectoral preventative services: A retrospective policy analysis model for local government	14.00 Cyril Effiong <i>University of Birmingham</i> Resilience in the face of flooding: Livelihood strategies for farmers in Nigeria's Lower Niger region	14.00 (16.00 Turkey) Professor Ahenk Yilmaz A Veliz Reyes, A Yilmaz, D Olmez, O Bakan, R Burke, A Carr, E Kizilorenli, M Morales-Beltran, M Pederghana and L Pericic <i>Department of Architecture, Yasar University and University of Plymouth</i> Modern methods of construction for the social good: An investigation of technological adoption for prefabricated tiny house communities in Izmir, Türkiye
14.30-14.50 Break	14.30-14.50 Break	14.30-14.50 Break

Parallel Sessions C	Parallel Sessions D	Parallel Sessions E
<p>14.50</p> <p>Dr Sarah Bell and Andy Shipley <i>Exeter University</i></p> <p>Disability, extreme weather and climate resilient housing</p>	<p>14.50 (16.50 Nairobi)</p> <p>Hendrina Shuunyuni <i>The Namibia Housing Action Group and the Shack Dwellers Federation of Namibia</i></p> <p>Building community resilience for shack dwellers buildings – case study</p>	<p>14.50</p> <p>Dr Helen Onyeaka and Taghi Miri <i>University of Birmingham in partnership with Biovitae</i></p> <p>Leveraging innovative light technology for health protection in extreme event environments</p>
<p>15.20</p> <p>Dr Charles Goode <i>University of Birmingham</i></p> <p>Green infrastructure and the future of urban regeneration – economic and environmental impacts of urban greening</p>	<p>15.20 (23.20 Tokyo)</p> <p>Dr Wataru Umishio <i>Institute of Science, Tokyo, Japan</i></p> <p>Toshiharu Ikaga, Kazuomi Kario, Yoshihisa Fujino, Naoki Kagi, Masaru Suzuki, Shintaro Ando, Keigo Saeki, Shuzo Murakami</p> <p>Development of a health model for living in well insulated warm houses to evaluate future medical expenditure and healthy life expectation</p>	<p>15.20</p> <p>Richard Flemmings <i>CEO, Map Impact</i></p> <p>Tackling urban heat risk: A case study on mitigating urban heat island effects for healthier communities</p>
		<p>15.50 (23.50 Tokyo)</p> <p>Prof Toshiharu Ikaga <i>Keio University, Japan</i></p> <p>Yoshihisa Fujino, Shintaro Ando, Wataru Umishio, Kazuomi Kario, Shuzo Murakami</p> <p>Cross-sectional and longitudinal analysis of housing and health based on a nationwide housing insulation retrofit survey in Japan</p>
<p>Close of session - (Chair)</p> <p>Support and Q&A William Hatchett</p>	<p>Close of session - (Chair)</p> <p>Support and Q&A Gill Leng</p>	<p>Close of session - (Chair)</p> <p>Support and Q&A Liz Webster</p>

DAY 3 (FINAL HALF DAY) – FUTURE PROOFING

Time (GMT) Speakers / Mediators	Time (GMT) Speakers / Mediators
10.00 Welcome	Chair Dr Richard Turkington, FRSA Support Gill Leng
10.10 (19.10 Melbourne Aus) Keynote speaker 1	Dr Angie Bone <i>Associate Professor, Monash University</i> Planetary health and housing: Challenges and pathways for resilience and sustainability
10.55 (11.55 SA) Keynote speaker 2	Professor Caradee Wright <i>Chief Specialist Scientist: Environment and Health Research Unit, South African Medical Research Council</i> Future proofing dwellings in low- and middle-income countries: Mitigating heat-related health risks in Africa
11.40 (06.40 NY USA) Keynote Speaker 3	Dr Marilyn Black <i>Vice President and Senior Technical Advisor, Chemical Insights Research Institute of UL Research Institutes</i> Building resilience for health: A public health perspective on climate impacts
12.25 (07.25 NY USA) Round up and close of conference	Dr David Jacobs <i>Chief Scientist, US National Center for Healthy Housing</i> Dr Richard Turkington, FRSA Announcement of best paper award sponsored by Routledge Taylor & Francis Group