

Overheating and climate change: a bibliography

Visit www.rbri.co.uk and www.BRIcommunity.net

NB: The titles below have hyperlinks

- Exposure duration in overheating assessments: a retrofit modelling study**
WV Lee & K Steemers
- Overheating in buildings: lessons from research**
KJ Lomas & SM Porritt **Free to view**
- Overheating in vulnerable and non-vulnerable households**
M Vellei, AP Ranallo-Gonzalez, D Coley, J Lee, E Gabe-Thomas, T Lovett & S Natarajan
- Thermal comfort in care homes: vulnerability, responsibility and 'thermal care'**
G Walker, S Brown & L Neven
- Overheating in care settings: magnitude, causes, preparedness and remedies**
R Gupta, L Barnfield & M Gregg
- Combating overheating: mixed-mode conditioning for workplace comfort**
LE Thomas **Free to view**
- Meta-analysis of indoor temperatures in new-build housing**
G McGill, T Sharpe, L Robertson, R Gupta & I Mawditt
- Overheating in English dwellings: comparing modelled and monitored large-scale datasets**
P Symonds, J Taylor, A Mavrogianni, M Davies, C Shrubsole, I Hamilton & Z Chalabi
- Overheating in Scotland: contributing factors in occupied homes**
C Morgan, JA Foster, A Poston & TR Sharpe
- Overheating in Auckland homes: testing and interventions in full-scale and simulated houses**
R Birchmore, K Davies, P Etherington, R Tait & A Pivac
- Inhabitant actions and summer overheating risk in London dwellings**
*A Mavrogianni, A Pathan, E Oikonomou, P Bidulph * M Davies*
- Overheating in retrofitted flats: occupant practices, learning and interventions**
M Baborska-Narozny, F Stevenson & M Grudzinska
- Hospital learning from extreme weather events: using causal loop diagrams**
A M Chand & M Loosemore
- Assessing impacts of summertime overheating: some adaptation strategies**
A.-A. Tillson, T. Oreszczyn & J. Palmer **Free to view**
- Overheating and passive habitability: indoor health and heat indices**
S.H. Holmes, T. Phillips & A. Wilson
- Comfort-related feedforward information: occupants' choice of cooling strategy and perceived comfort**
A Meinke, M Hawighorst, A Wagner, J Trojan & M Schweiker
- Heatwave planning: community involvement in co-producing resilience**
B Fagan-Watson & K Burchell
- Building governance and climate change: roles for regulation and related policies** [editorial]
H Visscher, J Laubscher & E Chan
- The impact of regulations on overheating risk in dwellings**
M Mulville & S Stravoravdis
- Transforming building regulatory systems to address climate change** [commentary]
DA Eisenberg **Free to view**
- Evaluation of cooling effects: outdoor water mist fan**
C. Farnham, K. Emura & T. Mizuno **Free to view**
- Evolving opportunities for providing thermal comfort**
G Brager, H Zhang & E Arens **Free to view**
- Preventing the overheating of English suburban homes in a warming climate**
R. Gupta & M. Gregg
- Degree-day building energy reference maps for South Africa**
D Conradie, T van Reenen & S Bole
- Summertime temperatures and thermal comfort in UK homes**
K.J. Lomas & T. Kane
- Retrofitting England's suburbs to adapt to climate change**
K. Williams, R. Gupta, D. Hopkins, M. Gregg, C. Payne, J.L.R. Joynt, I. Smith & N. Bates-Brkjac
- Space heating demand and heatwave vulnerability: London domestic stock**
A. Mavrogianni, M. Davies, Z. Chalabit, P. Wilkinson, M. Kolokotroni, & J. Milner
- Urban social housing resilience to excess summer heat**
A. Mavrogianni, J. Taylor, M. Davies, C. Thoua & J. Kolm-Murray
- Thermal pleasure in built environments: physiology of alliesthesia**
T. Parkinson & R. de Dear
- Thermal pleasure in built environments: alliesthesia in different thermoregulatory zones**
T. Parkinson, R de Dear & C Candido
- Comfort in a lower carbon society**
E. Shove, H. Chappells, L. Lutzenshiser & B. Hackett **Free to view**
- Understanding heat wave vulnerability in nursing and residential homes**
S. Brown & G. Walker
- Climate policies for buildings** [editorial]
R Lorch **Free to view**
- Functional recovery of a resilient hospital type**
C.A. Short, C.J. Noakes, C.A. Gilkeson & A. Fair **Free to view**
- Design strategy for low-energy ventilation and cooling within an urban heat island**
C.A. Short, K.J. Lomas & A. Woods
- Design strategy for low-energy ventilation and cooling of hospitals**
C.A. Short & S. Al-Maiyah
- Delivery and performance of a low-energy ventilation and cooling strategy**
C.A. Short, M. Cook & K.J. Lomas
Free to view
- Thermal comfort of rural residents in hot-humid area**
Z Zhang, Y Zhang & L jin
- Implication of global warming on air-conditioned office buildings in Australia**
Lisa Guan
- From the design of green buildings to resilience management of building stocks**
N Kohler
- Housing and energy in Denmark: past, present, and future challenges**
R. Marsh, V.G. Larsen & M. Kragh
- Impacts of climate change on building performance in New Zealand**
M. Camilleri, R. Jaques & N. Isaacs
- Resilience in the built environment**
U. Hassler & N. Kohler **Free to view**
- Overheating in schools: comparing existing and new guidelines**
A. Montazami & F. Nicol
- Counting the costs of comfort**
S. Roaf & F. Nicol **Free to view**
- Perceived control in indoor environments: a conceptual approach**
R.T. Hellwig
- On adaptive occupant-learning window blind and lighting controls**
H Burak Gunay, W O'Brien, I Beausoleil-Morrison & B Huchuk
- Investigating the principal adaptive comfort relationships for young children**
D. Teli, P.A.B. James & M.F. Jentsch
- Adaptive thermal comfort in Australian school classrooms**
R. de Dear, J. Kim, C. Candido & M. Deuble

Suggestion for new approach to overheating diagnostics
J.F. Nicol, J. Hacker, B. Spires & H. Davies **Free to view**

A socio-technical approach to post-occupancy evaluation: interactive adaptability in domestic retrofit
L.F. Chiu, R. Lowe, R. Raslan, H. Altamirano-Medina & J. Wingfield **Free to view**

Scaling up: the challenges of urban retrofit
T. Dixon & M. Eames **Free to view**

Epistemological conflict: modern and non-modern frameworks for sustainability
S A Moore, S Gelfand & D Whitsett **Free to view**

Passive draught evaporative cooling: performance in a prototype house
B. Ford, R. Wilson, M. Gillot, O. Ibraheem, J. Salmeron & F.J. Sanchez

Vernacular architecture: questions of comfort and practicability
A. Foruzanmehr & M. Vellinga

Air temperature thresholds for indoor comfort and perceived air quality
H. Zhang, E. Arens & W. Pasut

Understanding occupant behaviour: the use of controls in mixed-mode office buildings
H.B. Rijal, M.A. Humphreys & J.F. Nicol

Impact of climate warming on passive night cooling potential
N. Artmann, D. Gyalistras, H. Manz & P. Heiselberg

Exploiting a hybrid environmental design strategy in a US continental climate
C.A. Short & K.J. Lomas **Free to view**

Re-contextualizing the notion of comfort
R.J. Cole, J. Robinson, Z. Brown, & M. O'Shea

Building human agency: a timely manifesto
R.J. Cole, Z. Brown & S.McKay **Free to view**

Adaptive comfort in an unpredictable world
F. Nicol & F. Stevenson **Free to view**

Adaptive comfort
J.F. Nicol **Free to view**

Personal heating: effectiveness and energy use
J. Verhaart, M. Vesely & W. Zeller

Behavioural responses to cold thermal discomfort
S. Gauthier & D. Shipworth

Comfort standards and variations in exceedance for mixed-mode buildings
S. Borgeson & G. Brager

Climate change, insurance and the buildings sector: technological synergisms between adaptation and mitigation
E. Mills

Cooling in a low carbon world
J.F. Nicol **Free to view**

A critique of European Standard EN 15251: strengths, weaknesses and lessons for future standards
J.F. Nicol & M. Wilson

Resilience to increasing temperatures: residential building stock adaptation through codes and standards
M. Gangoells & M. Casals

Regulations and robust low-carbon buildings
P. Tuohy **Free to view**

Lessons from the 2013 heat wave: a French perspective
J L Salagnac

Adaptation measures for climate change and the urban heat island in Japan's built environment
Y Shimoda

Climate change, insurance and the building sector: synergisms, conflicts and adaptive capacity
J Milne

Managing and interpreting uncertainty for climate change risk
RR White

**Some free to view articles are for a limited period
Updated 03Nov2017 RL
copyright (c) 2017 Richard Lorch*