James Hale BSc, MRes

Research Associate

School of Geography, Earth and Environmental Sciences (/schools/gees/index.aspx)

Contact details

Telephone +44 (0)121 414 5523 (tel:+44 121 414 5523)

Email j.hale@bham.ac.uk (mailto:j.hale@bham.ac.uk)

School of Geography, Earth and Environmental Sciences
University of Birmingham
Edgbaston
Birmingham
B15 2TT
UK

About

Mr Hale is currently working as part of the **Liveable Cities project (http://liveablecities.org.uk)** , funded by the Engineering and Physical Sciences Research Council (EPSRC). This project aims to explore the broader wellbeing impacts of low carbon interventions for cities. Specifically, he is exploring how different lighting technologies and building densities impact on ecosystem services. Prior to this he was part of the **Urban Futures research project (https://connect.innovateuk.org/web/urban-futures)** also funded by the EPSRC.

Qualifications

Mr Hale is currently working towards submitting a PhD thesis by publication.

Biography

Prior to this research post, Mr Hale worked as an ecologist and spatial planner for Aberdeen City Council and for Birmingham City Council within the Eastside regeneration project team.

Research

Mr Hale has a particular interest in urban landscape ecology. He has modeled the response of various species to different land cover and land uses and is working to test the ecological impacts of different urban landscape development scenarios. Recent work has focused on the impact of artificial lighting on bat movement, using the finest resolution aerial night photography ever captured for entire cities. See the **Artificial Lighting and Low Carbon Cities (http://liveablecities.org.uk/updates/artificial-lighting)** on the Liveable Cities project page for more information.

Other activities

Mr Hale is a member of the:

- Chartered Institute of Ecology and Environmental Management CIEEM
- Bat Conservation Trust

Publications

Hale JD, Davies G, Fairbrass AJ, Matthews TJ, Rogers CDF, & Sadler JP (2013) *PLOS ONE* 8, e61460.

Hale JD, Fairbrass AJ, Matthews TJ, & Sadler JP (2012) *PLOS ONE* 7, e33300.

Hale J & Sadler J (2012) *Engineering Sustainability* 165, 59-67.

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Hunt DVL, Lombardi DR, Atkinson S, Barber ARG, Barnes M, Boyko CT, Brown J, Bryson J, Butler D, Caputo S, *et al.* (2012) *Sustainability* 4, 740-772.

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Lombardi DR, Caserio M, Donovan R, Hale J, Hunt DVL, Weingaertner C, Barber A, Bryson JR, Coles R, & Gaterell M (2011) *Environment and Planning-Part B* 38, 1105.

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Sadler JP, Bates A, Hale J, & James P (2010) in *Urban Ecology*, ed. Gaston KJ (Cambridge University Press, Cambridge), pp. 230-260.

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