



Edible Cities Exploring the Need for Urban Agriculture

Dr Michael Hardman
Lecturer in Geography
University of Salford, UK

@DrMikeHardman / m.hardman@salford.ac.uk

Urban Agriculture

Edible Cities?

Informality

Moving
Forward...



Urban Agriculture Agriculture

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Disintegrated development at the rural-urban fringe:

A.J. Scott a,*, C. Carter a, M.R. Reed P. Larkham D. Adams A, N. Morton A, R. Waters b, D. Collier c, C. Crean d, R. Curzon a, R. Forster P. Gibbs f, N. Grayson g, M. Hardman A, A. Hearle b, D. Jarvis f, M. Kennet h,

*Birmingham City University, Birmingham School of the Built Environment, United Kingdom ^c National Farmers Union, United Kingdom

^e West Midlands Rural Affairs Forum, United Kingdom David Jarvis Associates, United Kingdom

West Midlands Regional Assembly, United Kingdom Birmingham City University, Birmingham Institute of Art and Design, United Kingdom

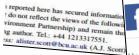
Abstract

the rural-urban fringe (RUF). A 'messy confused and 'disintegrated' lacking sur

Oh what heaven to only eat food and built environment divide. Using resear thoughtpieces and work which improved thoughtpieces and workshops, together with truth about supermarket food - and within which the RUF opportunity is re-distilled to the paper challenges and thoughtpieces and workshops. QUENTIN LETTS' very simple solution

By QUENTIN LETTS FOR THE DAILY MAIL

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journal homepage:



vodka.











Until last week, my teenage children thought 'food miles' was the distance we to drive to our nearest fish and chip shop in Ross-on-Wye, a round-trip of 14 m

Then we saw that actress Liz Hurley had set herself a food-miles challenge: to consume only produce that came from her (and our) county of Herefordshire

Liz did not go short of nosebag. She feasted like a Tudor monarch on everyth ^afrom local meat and poultry to cheese, vegetables, fruit and even popcorn a

Re-connecting spatial planning theory and practice

K. Leach ^d, M. Middleton ⁱ, N. Schiessel ^a, B. Stonyer ^a, R. Coles ^j

d Localise West Midlands, United Kingdom

8 Birmingham Environment Partnership, United Kingdom h Green Economics, United Kingdom

ELSEVIER

The spaces where countryside meets doing the paper challenges established econ ideas and approaches. One size-fits-all soluti champions multi-scalar and sectoral perspe being through maintaining and enhancing eco

organic produce, but not to re-Hong Kong Imports Over 90% of Its Food. Can It Learn to Grow?

CAROLYN STEEL

'EXUBERANT, PROVOCATIVE...VITAL

DAVID AARONOVITCH

By Daniel Kong on August 8, 2013 Photography by Glenn Eugen Ellingsen



Food Miles

Standard Note:

Last updated:

Author:

Section

This note discusses whether consultravelled before they buy it. A related

The original food miles idea was that

 That idea has been seriously chall small proportion of the CO2 emissi

In some cases, carbon emissions

Some people argue that food

rather than in temperate countries

come from the most efficient sour

environmental impact of that it

labels too complex and probabl

The Soil Association agreed,

consumption was a good indicator of

OF CO

SN/SC/49

14 June

Christon

Science









n cities become self-reliant in food? rranbir S. Grewal, Parwinder S. Grewal*

er for Urban Environment and Economic Development, The Ohio State Unive

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evwords: ocal self-reliance Irban agriculture Jrban food production Post-industrial cities

ABSTRACT

Modern cities almost exc other essential materials results in the emission of and all future population for a typical post-industrial available area, crop yields notential level of food selfsures and resulting vacant vantaged neighborhoods, S and 48% of Cleveland's dem duction practice used (conv and shell eggs, and 100% of I

pied residential lot, can ge





URBAN AGRICULTURE

Urban agriculture involves many different types of food-producing spaces,

stakeholders, resources, and policies, and contributes to many benefits.

Benefits

Health

Access to healthy food

Food-health literacy

Healthy eating

Physical activity

Social

Empowerment + Mobilization

Youth Development & Education

Food Security

Safe spaces Socially Integrated Aging

Local economic stimulation

Job Growth

Job Readiness

Food Affordability

Ecological

Awareness of Food Systems Ecology

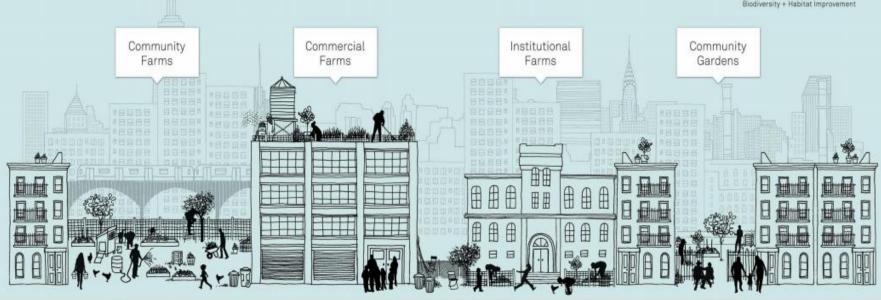
Stewardship

Conservation

Storm Water Management

Soil Improvement.

Biodiversity + Habitat Improvement



Soil & Compost

Key Stakeholders

Financial Resources

Support Services

Access to land and rooftops







Spectrum of opportunity spaces





To the macro (i.e. industrial site)



Given the current economic climate, stalled development spaces are a feature of our towns and cities and are likely to remain so for the foreseeable future.'

(Greenspace Scotland, 2010)















- Incredible Edible Todmorden huge impact
 >100 groups in the UK + more internationally
- Our research shows the network is making a positive impact
 - Edible landscapes free for everyone!





FRANCE























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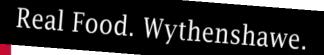














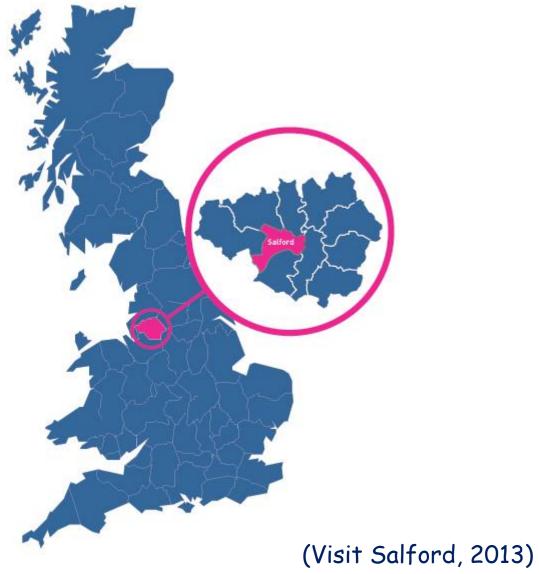
Edible Cities?

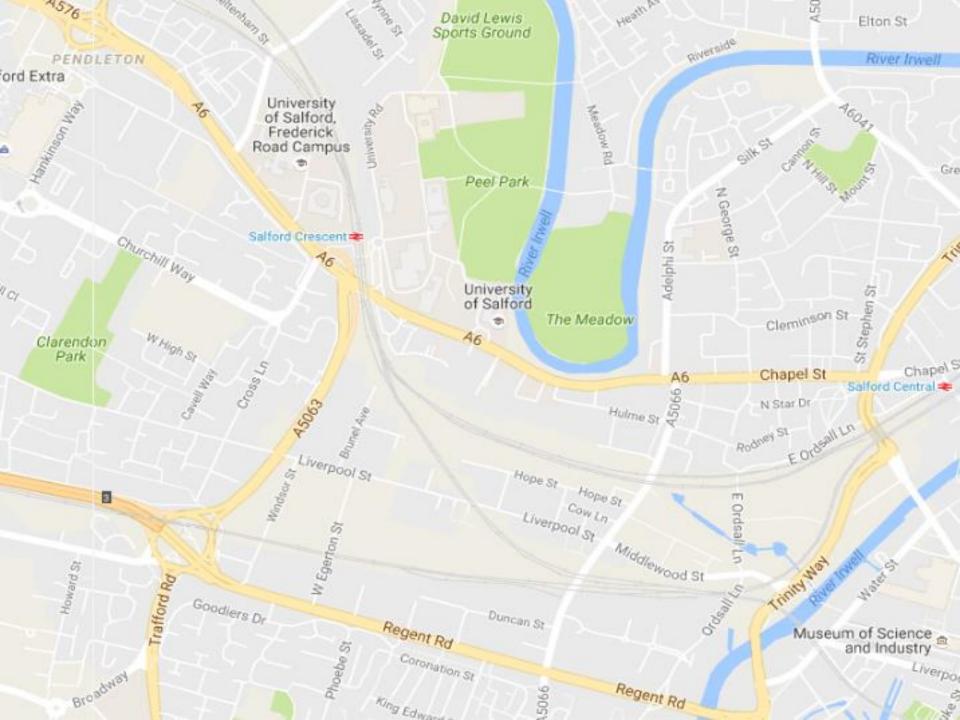


'Brighton and Hove is using supplementary planning guidance to incorporate food into the planning system and encourage more food growing spaces in the city'

(Morgan, 2015: 22)















- Phase 1 desktop study on the key ingredients for success
 Creation of typology and literature on urban farming
- Phase 2 case study analysis of successful projects
 Visits to urban farms identified in Phase 1 and soil testing
- Phase 3 key stakeholder consultation and recommendations
 Community consultation

'We rely on grants from charities... you never know where the next will come from'

(Salop Drive)

'Given the funding environment, a lot of organisations will do what they can to raise funds, it's a very challenging environment'

(Federation of City Farms and Community Gardens)

'Our income is below £25,000 a year... our income from supporters and community, which is the donations box generally and one-off donations people might give us, some people give a couple of hundred pound here and there'

(Woodgate Valley Urban Farm)



Animals killed at Wythenshawe Park community farm after yobs went on rampage

18:49, 21 MAY 2016 UPDATED 21:56, 22 MAY 2016 BY TODD FITZGERALD

It is understood that four youths had hurled missiles at cows, kicked poultry cages and let dozens of birds out of their coops









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Three geese and a chicken were killed after yobs went on the rampage at Wythenshawe Park community farm.

ROCHDALE Staff turn up for work



- o £1 million from a charity to enable UA
- Housing Association providing land predominantly stalled sites for meanwhile developments
- Beyond food growing recreate the Garden City feel to the space





SIEMENS



Mondelez



Informality



- 'Illicit cultivation of someone else's land' (Reynolds, 2008: 16)
- Guerrillas either legitimise or decline (increasingly the former i.e. Incredible Edible Todmorden)
- Evidence shows that many pursue the informal route to avoid what they deem 'over-bureaucracy'

"Guerrilla gardening revives spaces - creating noise and getting people engaged. It is fun, informal and a catalyst for bringing people together. There is an informal movement in Salford... we've seen things just 'popup' in places. Bez (from the Happy Mondays) is leading the creation of a guerrilla orchard."

(Project Officer, Salford City Council)





Moving Forward...

'The local trap refers to the tendency of food activists and researchers to assume something inherent about the local scale. The local is assumed to be desirable; it is preferred a priori to larger scales. What is desired varies and can include ecological sustainability, social justice, democracy, better nutrition, and food security, freshness, and quality'

(Born and Purcell, 2006: 195)



 Cities need to realise the benefit of using stalled space meanwhile UA sites should be encouraged

(Angotti, 2013; Hardman and Larkham, 2014; Wiskerke and Viljoen, 2012)

o More radical approaches i.e. embracing Guerrilla Gardening

'Ideally you will choose the time to seek legitimisation. Do this when you judge that you and your guerrilla garden will be more at risk if you continue illegally than if you try to go legit. Once you call a truce and offer to negotiate, it is crucial you do this from a strong position'

(Reynolds, 2008: 226)



- Opportunity space for key actors to seize on the global UA momentum
- UA will never make a city self-sufficient but can radically impact on health and wellbeing
- Planners need to look at exemplars use tools to enable the practice in cities (like Brighton in the UK)

GUERRILLA WARFARE IN THE PLANNING SYSTEM: REVOLUTIONARY PROGRESS TOWARDS SUSTAINABILITY?

David Adams, Alister J. Scott and Michael Hardman

ADAMS, D., SCOTT, A. J. and HARDMAN, M. (2013): 'Guerrilla warfare in the planning system: revolutionary progress towards sustainability?, Geografiska Annaler: Series B, Human Geography

ABSTRACT. This article extends Qvistrom's (2007; Geografiska Annaler: Series B, Human Geography 89 (3): 269-282) ide-Annuar: Series B, trumun Geography or (3), 205-2021 to as concerning 'landscapes out of order' within a re-discovering and re-imagining of spatial planning theory and practice. Taking and re-unagating of spatial planning theory and practice, can the viewpoint that planners and decision-makets order and mi age space in prescribed and constrained ways the that this can hinder innovative practo deliver significant

Urban Agriculture

Michael Hardman

Peter J. Larkham

The Secret Lives

of Guerrilla Gardeners

and Bullen 2004) and because the integration of spatial practice has largely rested on established forms of scalar governance, thus preventing successful integration of innovation (Taylor 2010; Inch 2011). between spatial planning

This article critically explores this disjuncture practice, drawiström's (2007) in wider theo. geography litds landscapes e and posits ment profeslea of zoning plans", rather iting the full such spaces

ory (Nadin countries naculture garden. planners in mediulatory se narry and ect to ham-

pro-

Informal Urban Agriculture



gauging public views on the

nd Peter Larkham^a

ment, Birmingham City University. Millennium Point, nment, armingnum City Oniversity, americanian Fordi, Environment and Life Sciences, University of Salford,

dening is developing rapidly. The majority of these om North America, with little academic exploration they focus explicitly on the grass-roots gardeners and surrounding the action's location. Guerrilla gardeners the permission from authorities, but also with sforming areas without consulting

Contents lists available at ScienceDirect Land Use Policy journal homepage: www.elsevier.com/locate/landusepol tharter': A mechanism to increase Larkham b ABSTRACT

Article

Routledge Taylor & Francis Cross

nderstanding guerrilla gard ultivation in the UK

ichael Hardman

chool of Property, Construction and Plann entre campus, Millennium Point, Curzon S ichael.hardman@bcu.ac.uk

ne development of guerrilla gardening

urrently the main force behind this illegal grow uerrilla gardeners are networks of volunteers; ound more vicious than they really are. In the tr rmoil (Asprey, 2002); they are rebels who activ certain area (Caldwell et al, 2005). Guerrilla gal eir 'military brothers'. Members, if they wish, are perate at night in order to avoid detection and the eapons, which includes the strikingly named 'see ost basic form, guerrilla gardening is the 'ILLICIT' LSE'S LAND' (Reynolds, 2008, p.16).

hen exploring the concept of guerrilla gardening, if ichard Reynolds, who is seen as the father of this p lardman, 2009). Reynolds (2008) explains that the a phaned land; he argues to the reader that gardening change. Reynolds owns and operates guerrillagardenii enables guerrillas to communicate, plan their action an The guerrilla gardeners who use this website have a va action, ranging from a lack of land to political issues, suc of our environment or the lack of maintenance by a local Reynolds, 2008). One of the key misconceptions when re they are all the same, but groups vary in their aims (just for action), type of sites, their structure (hierarchal to anarchis ransform (Hardman, 2009).

eynolds' description of today's guerrilla conjures up the im e against authority. Reynolds persistently uses examples ve destroyed beautiful projects, such as when New York (emolish a 15,000 square foot garden to make way for hot pughout Reynolds' book he uses these examples seeking

Observing Guerrillas in the Wild: Reinterpreting Practices of Urban Guerrilla Gardening

David Adams and Michael Hardman

[Paper first received, November 2012; in final form, April 2013]

Despite an emerging literature on guerrilla gardening as a political practice in public spaces, with few exceptions, these accounts theorise it as working against many corporate and bureaucratic forms of power. Using the example of 'F Troop'—a group of gardeners operating on a site in an English midland city—this paper focuses on the practices of urban guernilla gardening in order to illustrate that these are perhaps not as 'resistant' or 'celebratory' as previous accounts have suggested. Rather, this paper draws on ethnographic data to focus attention on the micro politics of garden activism, arguing that the social backgrounds and motivations of those involved in guerrilla gardening and their relationship with other users of the space surrounding the dig site are also important—but largely underacknowledged—aspects of guerrilla gardening.

Keywords: built environment, guerrilla gardening, public space, resistance,

Introduction

The act of 'guerrilla gardening' has received growing attention in recent years (see, for example, Crane et al., 2012; Hardman, 2011; McKay, 2011; Reynolds, 2008). Despite this interest, this paper argues that many existing accounts present a somewhat distanced and celebratory representation of guerrilla gardening groups, positioning their

activities as being largely resistant to 'mainstream' culture and somewhat disconnected from the context in which their actions are performed (Brace, 2011; Crane et al., 2012; Douglas, 2011; Hou, 2010; Lewis, 2012 Merker, 2010; Pudup, 2008; Reynolds, 2008 Ring, 2009; Tracey, 2007). Guerrilla garden ers are volunteers who, without permission

Urban Studies

David Adams is in the Birmingham School of the Built Environment, Birmingham City University Millennium Point, Birmingham, B4 7XC, UK. Email: david.adams@bcu.ac.uk Michael Hardman is in the School of Environment and Life Sciences, University of Salford, Po

Building, Salford, M5 4WT, UK. Email: m.hardman@salford.ac.uk. 0042-0980 Print/1360-063X On © 2013 Urban Studies Journal Lim

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@ m.hardman@salford.ac.uk

0161 295 2201

(E) @DrMikeHardman