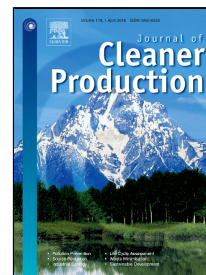


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What is the contribution of food self-provisioning for environmental sustainability?
Case study of active gardeners



Jan Vávra, Petr Daněk, Petr Jehlička

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What is the contribution of food self-provisioning for environmental sustainability?

Case study of active gardeners

Jan Vávra^{a,b}, Petr Daněk^{b,c}, and Petr Jehlička^{b,d}

^a Department of Regional Management, Faculty of Economics, University of South Bohemia, Studentská 13, 370 05 České Budějovice, Czech Republic, email: jvavra@ef.jcu.cz

^b Department of Environmental Studies, Faculty of Social Studies, Masaryk University, Joštova 10, 602 00 Brno, Czech Republic

^c Department of Geography, Faculty of Science, Masaryk University, Kotlářská 2, 611 37 Brno, Czech Republic, email: danek@sci.muni.cz

^d Department of Geography, Faculty of Arts and Social Sciences, The Open University, Walton Hall, Milton Keynes MK7 6AA, UK, email: p.jehlicka@open.ac.uk

Corresponding author:

Jan Vávra, PhD

Department of Regional Management, Faculty of Economics, University of South Bohemia
Studentská 13

370 05 České Budějovice

Czech Republic

tel.: +420 389 032 760

email: jvavra@ef.jcu.cz

Abstract

Food self-provisioning, also labelled as household food production, is a traditional activity persisting in the countries of the Global North. Recently, it has become an object of sustainability oriented research due to the positive social, health and environmental outcomes. However, little is known about the rate of self-sufficiency of the food self-provisioners and about environmental context of this kind of food production, including its actual potential for the reduction of greenhouse gas emissions. To clarify these topics, we analysed sociological data from a quantitative research study carried out in the Czech Republic in 2015. The data from 775 food growing households were used. The combined rate of self-sufficiency of the households was calculated as the share of home grown fruit, vegetables and potatoes in the overall consumption of the household. The rate of self-sufficiency (33%) was then compared with average food consumption and multiplied by the different values of greenhouse gas

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