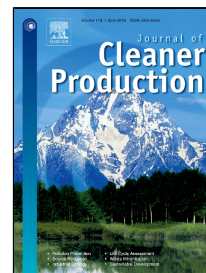


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What is the contribution of food self-provisioning for environmental sustainability?
Case study of active gardeners



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

Case study of active gardeners

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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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