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[Home](#) > Extending Land Footprints Towards Characterizing Sustainability of Land Use

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## PUBLICATION


Report  
Agriculture  
Forest  
Indicators  
Land Use  
Soil

# Extending Land Footprints Towards Characterizing Sustainability of Land Use

 [1]

This report discusses extensions of area-based land foot-prints with meaningful impact-oriented indicators for the assessment of the effects of different consumption patterns on the ecosystems and sustainability of land use. First, existing indicators for representing the environmental impacts of land use are introduced in the context of their linkages and complementarity to area-based land footprints. The report discusses the following key indicators, which were identified as particularly relevant during an expert workshop: System indicators, which qualify the area-based footprints across globally very different potential land productivities, deforestation footprint, energy use in agriculture, and irrigation water use in agriculture classified by degree of water scarcity. It introduces the methods developed for the quantification of system indicators for cropland and grassland footprints and for the deforestation footprint, and present results for Germany and the EU.

## Attachments

-  2527-2017-09-06\_texte\_79-2017\_extended-land-footprint.pdf

## Main Link

Download: Extending Land Footprints Towards Characterizing Sustainability of Land Use [pdf, 2.3 MB, English]

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## Language

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| <b>Table of Contents</b> | <ol style="list-style-type: none"><li>1 Introduction</li><li>2 Land related indicators in international and national policy making</li><li>3 Scope and approach<ol style="list-style-type: none"><li>3.1 Project approach towards sustainable land use and system boundaries</li><li>3.2 Methodology for structuring the indicators</li><li>3.3 Basic concepts for extending land footprints</li></ol></li><li>4 Extending land footprints with land quality and impact-oriented indicators<ol style="list-style-type: none"><li>4.1 Selection criteria for possible indicators</li><li>4.2 Summary of a review of existing land use indicators</li><li>4.3 Recommendations from an Expert Workshop</li><li>4.4 Challenges and current limitations</li></ol></li><li>5 Priority indicators for extending land footprints<ol style="list-style-type: none"><li>5.1 System indicators<ol style="list-style-type: none"><li>5.1.1 Cropland footprint weighted by potential cropland productivity</li><li>5.1.2 Grassland footprint weighted by biomass productivity</li></ol></li><li>5.2 Energy use in agriculture</li><li>5.3 Irrigation water use in agriculture classified by water scarcity/security</li><li>5.4 Forest loss (Deforestation)</li></ol></li><li>6 Quantification of selected indicators</li></ol> |

- 6.1 System indicators
  - 6.1.1 Grassland footprint weighted by biomass productivity
  - 6.1.2 Cropland footprint weighted by land quality
- 6.2 Deforestation footprint
  - 6.2.1 Methodology overview
  - 6.2.2 Deforestation footprints
- 7 Conclusions
- 8 References
- 9 Annex 1: Role of socio-economic indicators
  - 9.1 Food security
  - 9.2 Land Governance/Land tenure/Access to Land
    - 9.2.1 Land tenure/land access
    - 9.2.2 Corruption
- 10 Annex 2: Overview of environmental impact-oriented indicators related to land use
  - 10.1 Environmental Impacts
    - 10.1.1 Biodiversity
      - 10.1.1.1 Abundance and distribution of (selected) species
      - 10.1.1.2 Fragmentation of natural and semi-natural areas
      - 10.1.1.3 Protected areas
      - 10.1.1.4 Livestock Diversity
      - 10.1.1.5 Landscape Diversity
    - 10.1.2 Soil
      - 10.1.2.1 Soil organic matter
      - 10.1.2.2 Wind and Water Erosion
    - 10.1.3 Water
      - 10.1.3.1 Water quantity and scarcity
      - 10.1.3.2 Water quality
    - 10.1.4 Climate
  - 10.2 Land Use Indicators - Overview
  - 10.3 Land use intensity
    - 10.3.1 Input intensity
      - 10.3.1.1 Fertilizer use
      - 10.3.1.2 Use of plant protection products
      - 10.3.1.3 Irrigation use
    - 10.3.2 Management practices
      - 10.3.2.1 Agro-diversity
      - 10.3.2.2 Grassland management
      - 10.3.2.3 Forest Management
    - 10.3.3 System indicators
      - 10.3.3.1 HANPP
      - 10.3.3.2 Yield gaps
    - 10.3.4 Bio-productivity weighted land footprint
  - 10.4 Land conversion
    - 10.4.1 Conversion to/from forest land (deforestation/afforestation)
    - 10.4.2 Conversion to/from cropland & change in grassland area
    - 10.4.3 Land restoration
    - 10.4.4 Land take/sealing
- 11 Annex 3: International Expert Workshop
  - 11.1 List of participants
  - 11.2 Agenda

11.3 Minutes of the meeting

12 Annex 4: Method for attribution of deforestation to main sectors and primary commodities

### **Keywords**

land footprint, ecosystem services, land functions, biodiversity, soil, land, sustainable land use, global, Europe, Germany

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### **Links**

[1] <https://www.ecologic.eu/sites/files/presentation/2018/land-footprints.png>