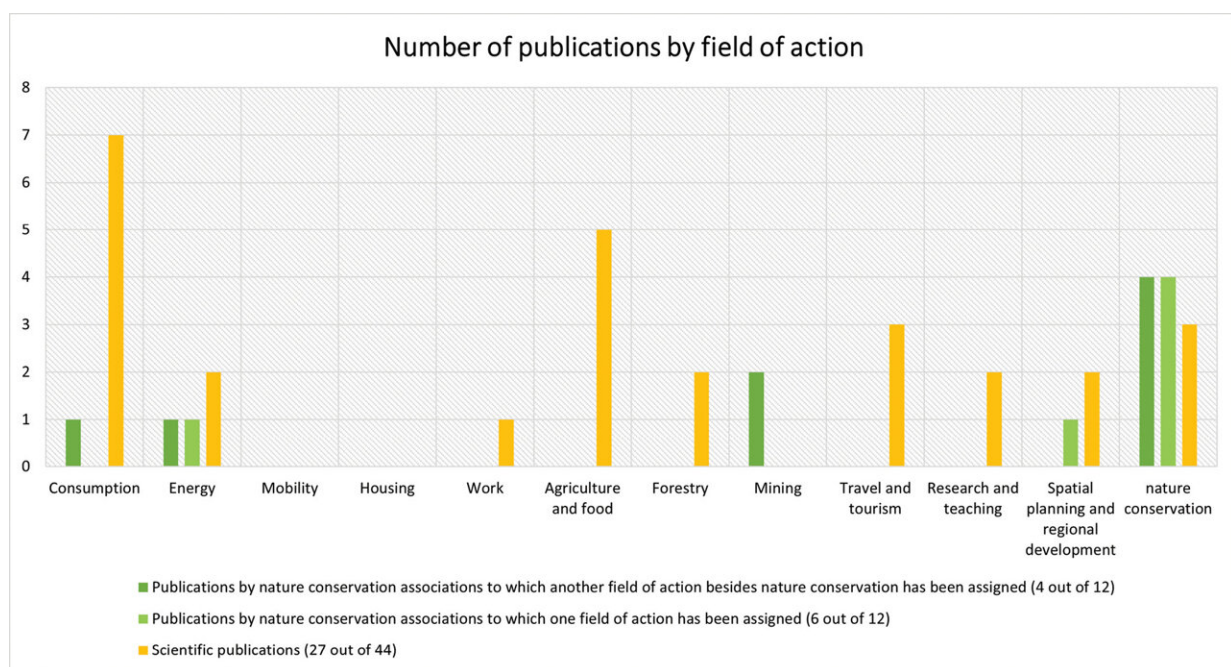


Scientist explores sufficiency as an overlooked strategy for protecting biodiversity

April 2 2024



Credit: *Nature Conservation* (2024). DOI: 10.3897/natureconservation.55.118243

A study from the Technical University in Berlin suggests "sufficiency" should be a more prominent strategy for protecting biodiversity.

Published in the open-access journal *Nature Conservation*, the [paper](#)

analyzes the intersection between biodiversity conservation and sufficiency strategies aimed at reducing consumption and resource use.

Study author Marianne Hachtmann notes that despite the established connection between excessive [resource use](#) by humans and biodiversity loss, there is limited explicit focus on how sufficiency strategies can support biodiversity preservation.

Reviewing [literature](#) from 2017 to 2021 and publications by nature conservation associations, the research identifies a notable gap in discussions linking sufficiency directly with biodiversity outcomes. Possible reasons for this may be the term's political implications, lack of descriptiveness, as well as the use of other terms.

Furthermore, the lack of connection between sufficiency and biodiversity could be because they belong to different "scientific spheres." Linking the two terms thus requires a reflective, interdisciplinary perspective.

The study proposes a detailed sufficiency typology to foster a systematic approach towards integrating the term in biodiversity conservation efforts.

"The sufficiency typology developed here allows for a systematic integration of sufficiency into biodiversity conservation and thus a joint consideration of social and nature conservation concerns," says Hachtmann, Technical University Berlin.

Policymakers, conservationists, and researchers are urged to prioritize sufficiency for the broader strategy for [biodiversity conservation](#) and [sustainable living](#). The paper calls for further investigation into how adopting sufficiency strategies can be a crucial element in conserving biodiversity and ensuring a sustainable future.

More information: Marianne Hachtmann, Linking sufficiency and the protection of biodiversity: An issue of political implications, framing, descriptiveness and interdisciplinarity?, *Nature Conservation* (2024).
[DOI: 10.3897/natureconservation.55.118243](https://doi.org/10.3897/natureconservation.55.118243)

Provided by Pensoft Publishers

Citation: Scientist explores sufficiency as an overlooked strategy for protecting biodiversity (2024, April 2) retrieved 21 May 2024 from <https://phys.org/news/2024-04-scientist-explores-sufficiency-overlooked-strategy.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--