
How does habitat fragmentation impact food webs, given that species perceive and use space at different scales ?

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Résumé

The effect of habitat fragmentation on biodiversity remains controversial. Moreover, most models assessing its impact on food webs simplify species' spatial dynamics. We developed a model that incorporates variation in species' movement and environmental perception abilities. This model reveals contrasting species sensitivities to fragmentation, depending on their ecological traits.

Mots-Clés: habitat fragmentation, food webs, spatial dynamics, spatial model

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