

Invitation for seminar on the **15th of March** by **dr. Péter Batáry** and landscape walk through **ILVO's Agrifood Research Landscape**

In the light of the doctoral defence of Frederik Gerits, dr. Péter Batáry is visiting Belgium. Péter is a leading expert in the field of landscape ecology and biodiversity conservation in agricultural landscapes.

Landscape ecological perspectives of biodiversity conservation

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The increasing intensification of agriculture and growing urbanisation lead to the degradation of natural habitats, negatively affecting the biota and their ecosystem functions. However, these impacts do not only occur locally but can also be measured at a much more distant landscape scale. Thus, we cannot protect wildlife only in protected areas but need landscape-scale conservation strategies, including our built and cultivated environment. In the first half of this presentation, I will give a brief overview of landscape structure and the types of how this can be studied. I will then present the meta-analysis as a quantitative summary methodology using the example of a study on the effectiveness of agri-environment schemes modified by landscape composition. Through several case studies and a further meta-analysis, I will highlight the importance of landscape structure in determining the biodiversity patterns and functions of different habitats and the effectiveness of various conservation treatments. At the end of the presentation, I will encourage the audience to consider landscape scale and structure with some recommendations.

Program details (Wednesday March 15th)

9:30 - 10:30 Seminar by Dr. Péter Batáry

ILVO Landbouw & Maatschappij (Zaal A), Burg. van Gansberghelaan 115, 9820 Merelbeke

10:45 - 12:00 Landscape walk through ILVO's Agrifood Research Landscape with ongoing discussion about landscape scale agrobiodiversity

Hiking boots recommended

Attendance

Attending the seminar talk and landscape walk is free. Please make your attendance known via this link:

<https://forms.gle/YdKs2jyVqYYRCK9TA>