

Modeling potential distribution of vegetation communities in Wallonia (Southern Belgium)

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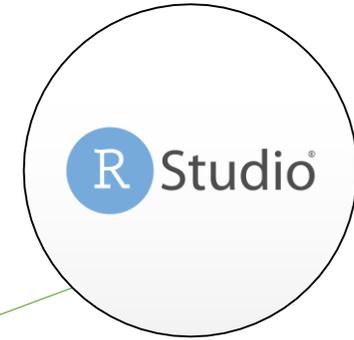
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Goals

Predict potential presence of biotopes to :

- Guide surveys and update biotope maps (cost and time effective way)
- Guide ecological restoration to increase areas of interest for biodiversity





Biotope modeling



Ongoing study

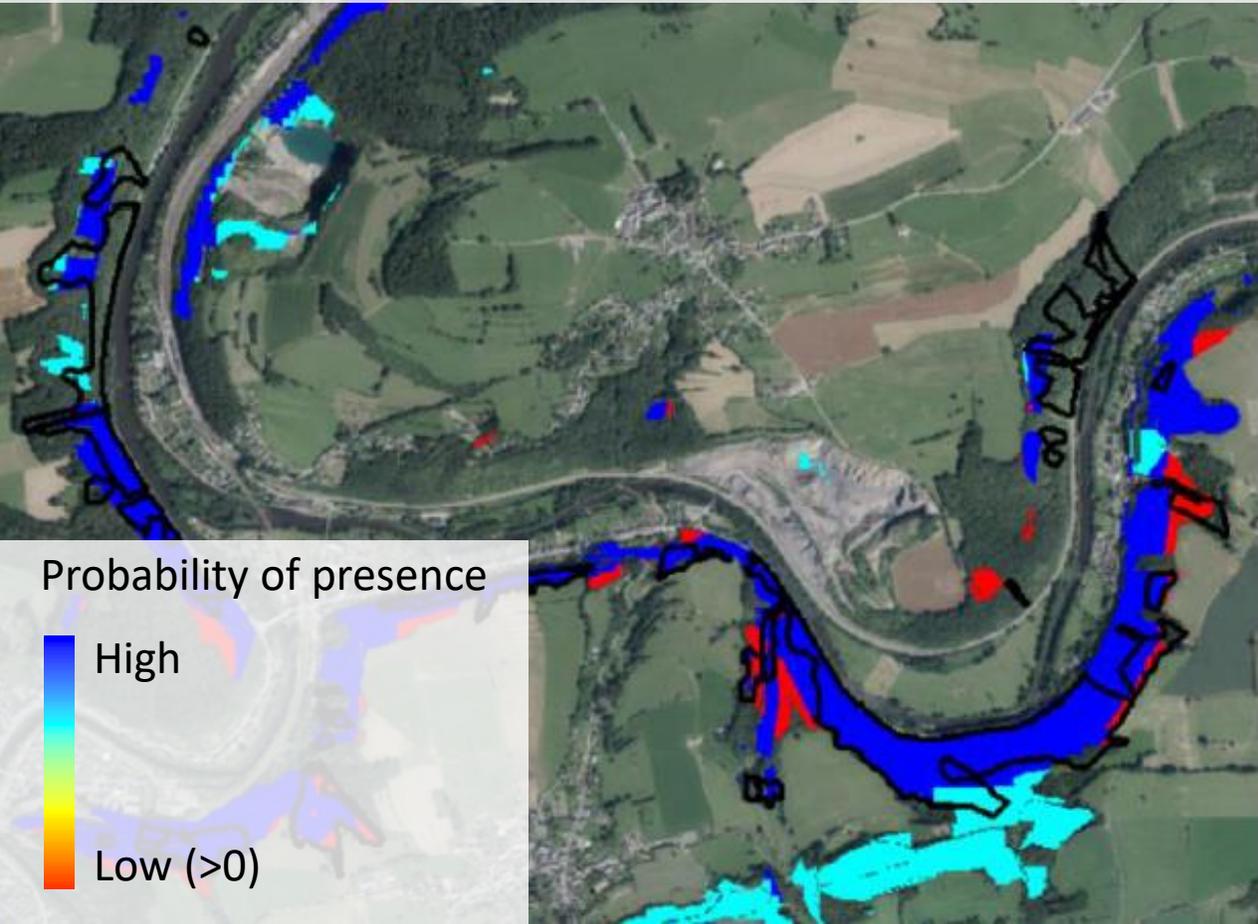
Comparing data-driven and knowledge-driven modelling of ravine forests



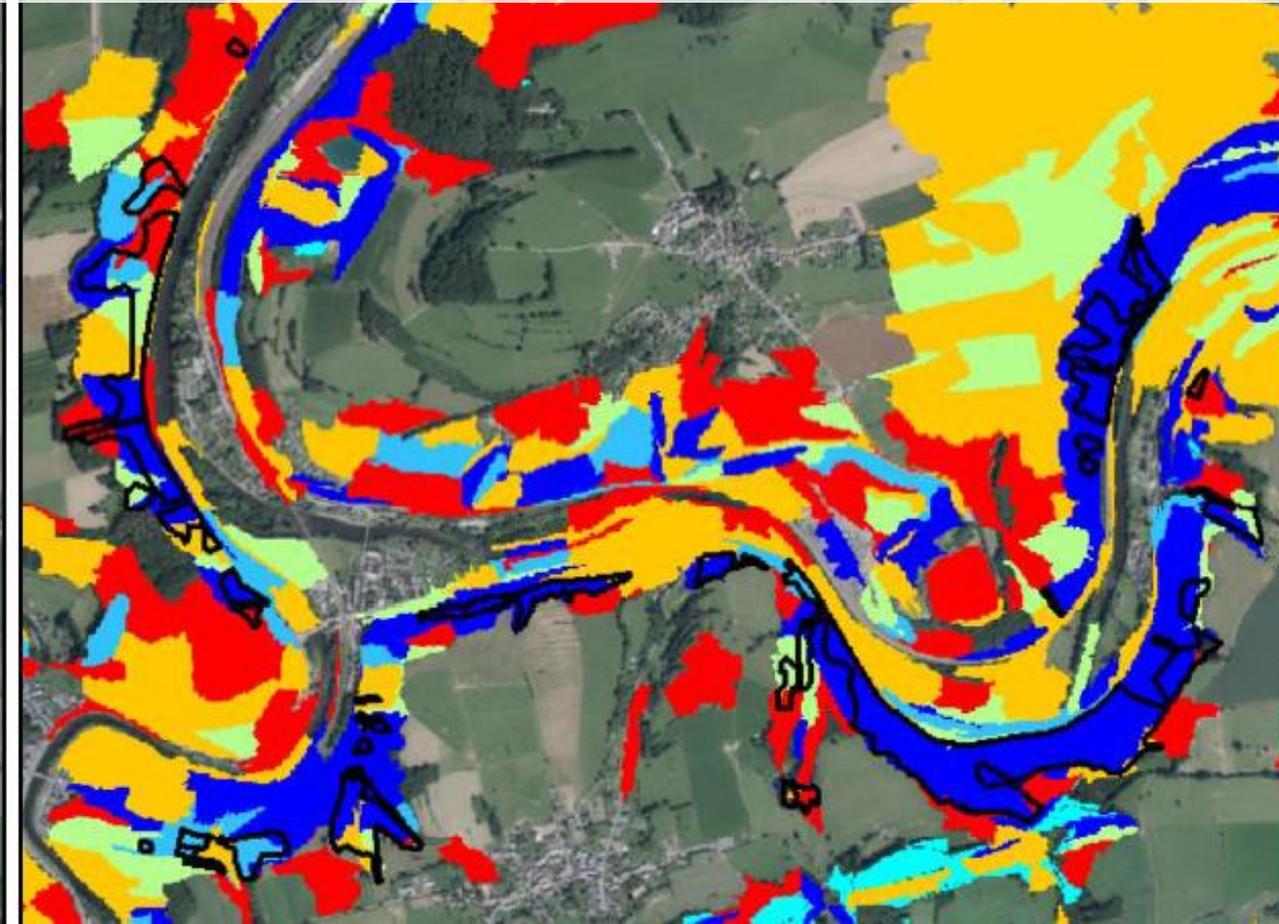
Ongoing study

Comparing data-driven and knowledge-driven modelling of ravine forests

Knowledge-Driven model AUC: 0,76



Data-Driven model AUC: 0,82



How LifeWatch can help me ?

- ❖ Hardware support
- ❖ Developing R skills
- ❖ Broaden my professional contacts

Thank you for your attention

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