

BiodiverCity

Tools to enhance urban biodiversity and improve its appreciation by residents

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**What is the potential for biodiversity in different urban habitat types?
What is the ecological value of urban green habitats?
What is the attitude of residents towards urban nature and biodiversity?
What measures enhance urban biodiversity and maximize the acceptance of the residents?**

In three Swiss cities, different urban habitats and settlement types will be selected.
Biodiversity and acceptance of residence at different spatial scales will be evaluated.
Interior cities and conurban areas will be compared.

Transdisciplinary research process

ecology

Biodiversity assessment

Different groups of animals will be sampled at different spatial scales using standard methods



Potential flagship species will be correlated with overall biodiversity



Stakeholder hearing
(residents, authorities)
Input of research needs and requirements.

interdisciplinary exchange



social science

Attitudes of residents

The social-science investigations will be sub-divided into two parts. In the inductive research part qualitative interviews will be conducted with selected, theoretically sampled people of the study areas. This explorative procedure will reveal deep insights into the attitudes of the residents and allow to establish grounded hypotheses.



In the deductive part these hypotheses will be tested and quantitative data about the attitudes of the Swiss population collected. To this end a nation wide representative random sample (3000 households), stratified into language regions as well as in urban, peri-urban and rural areas, will be drawn.



Implementation into practice

Output such as information and spatial planning tools

Outcome: enhanced quality of life

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