



Integrated analysis and **Assessment of Green City Oases**

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Value of green city oases

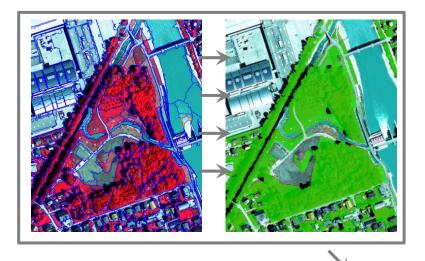


Aim of the project

 Developing methods to support a sustainable planning and managment of parks that can react to changing user needs and new requirments.

Concept

Quantitative informationEarth observation data



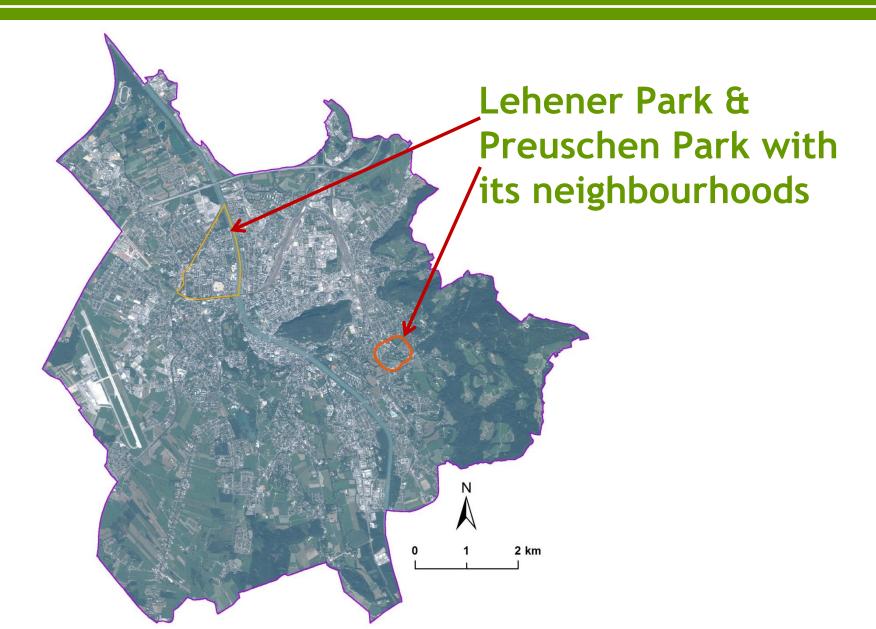
Qualitativ Information In-situ questionnaire surveys



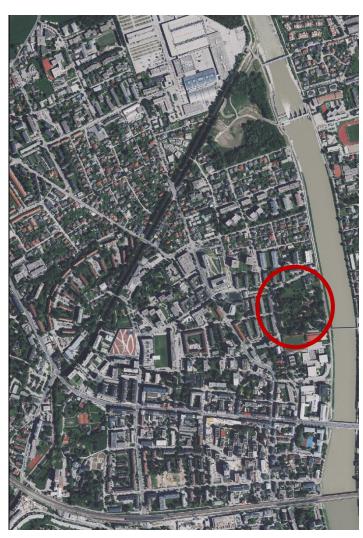


Integrated
database
(Re)designing
parks

Two study areas in the city of Salzburg



Lehener Park with its district

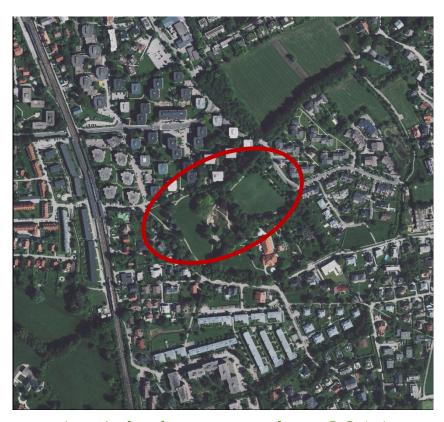


Aerial photography, 2014





Preuschenpark with its neighbourhood



Aerial photography, 2014





Remote sensing data



Quickbird, 21.06.2005



WV-2, 09.07.2011



Orthofoto, 2012

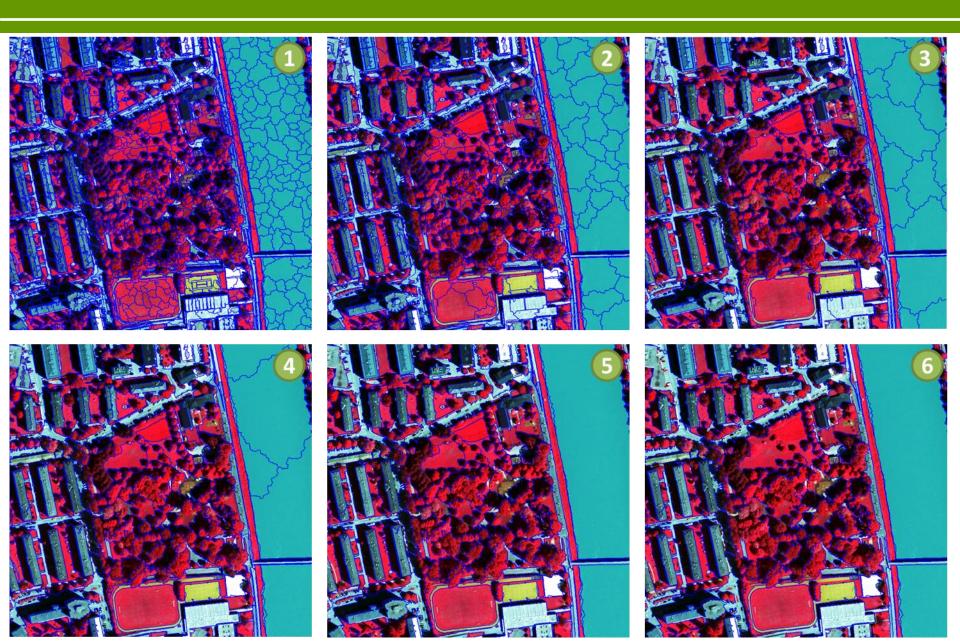


Orthofoto, 2014



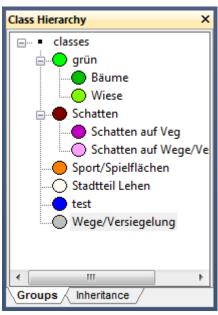
Pleiades, 01.09.2015

Object-based image analysis approach



Spatial distributuin and amount of green structure

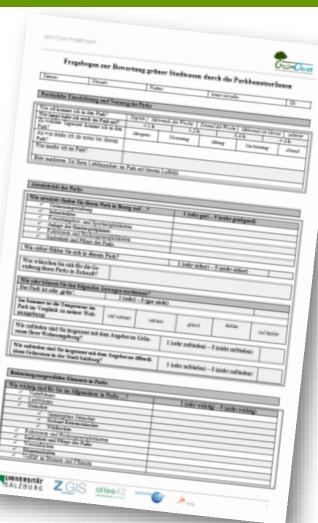




Questionnaire survey - UGS visitors

4 Themes

- Personal assessment
- Attractiveness
- Importance of various elements of the parks in general
- Accessibility
- ⇒164 Answers in 5 days
- ⇒Between 7:45 a.m. to 8:30 p.m.



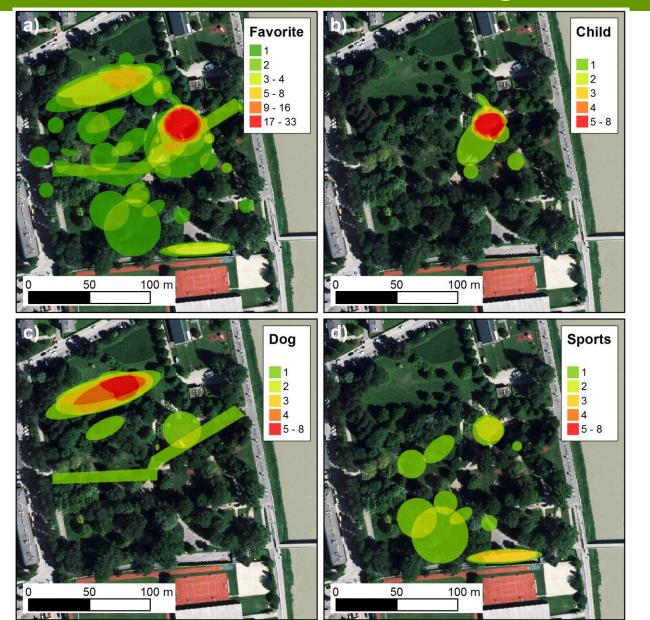
Analysis of the survey data

Statistics e.g.:

- preferences for attractiveness
- perceived safety
- perceived greeness
- perceived summer temperature
- perceived significance of various features and services offered by the parks



Spatial hot spots of favourite places according to activities



Expert interviews with 4 stakeholders



User workshop to present initial results







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