Value of Nature

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Latokaskenniitty

P

Lauttasaarent

What quality do residents appreciate in urban waterfront areas?

110

Yiqi Chen Mengyuan Huangfu Xiwei Li Kirsi-Maria Raunio

@Urban Experience D 22.2.2022_Group task 2

Jorvas

50

Ο

Kauklakti

ustalahti

Nissinmäki

Clusters 84 54 82 92

KEILALAHTI



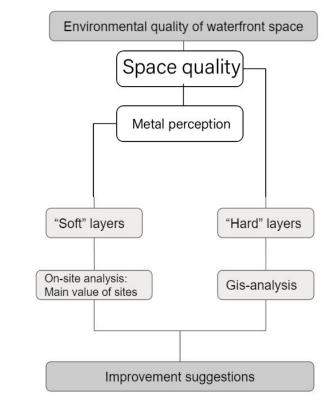
KIVENLAHTI

How we analyze the value of nature?

1. Theory background

- Local nature is a significant part of the everyday lives of people living in Espoo. Nature experiences also affect how well the residents like living in their home district.(Minun luontohyötyni 2022)
- Landscape is the complex of **spaces and social practices** that gives rise to positively perceived health. Different physical nature environments and sensory aesthetics can generate different environmental experiences.(Stewart 2022)
- Hartig (2008) argues that when experiencing nature, individuals feel a distance from the demands of everyday life along with the possibility for 'aesthetic appreciation'. However, it is also possible that feeling about a place can be negative or ambivalent (Relph, 1976).

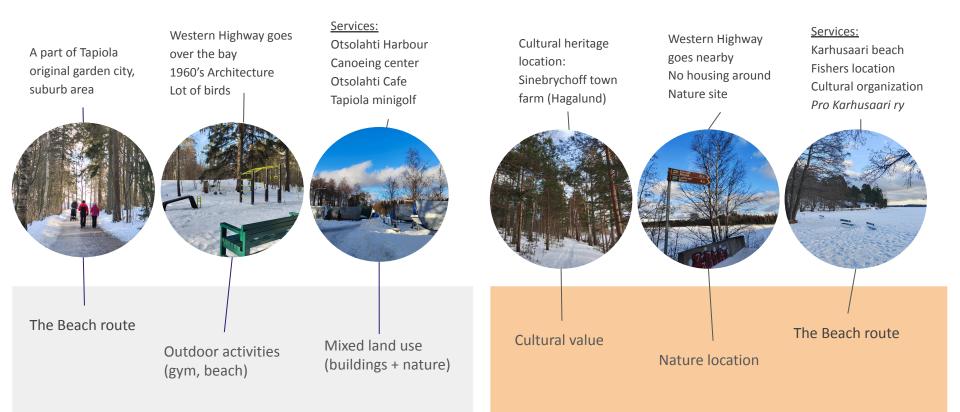
2. Analysis process



On site analysis - Main values of site - Keilalahti

Cluster 84 - Otsolahti

Cluster 54 + Karhusaari



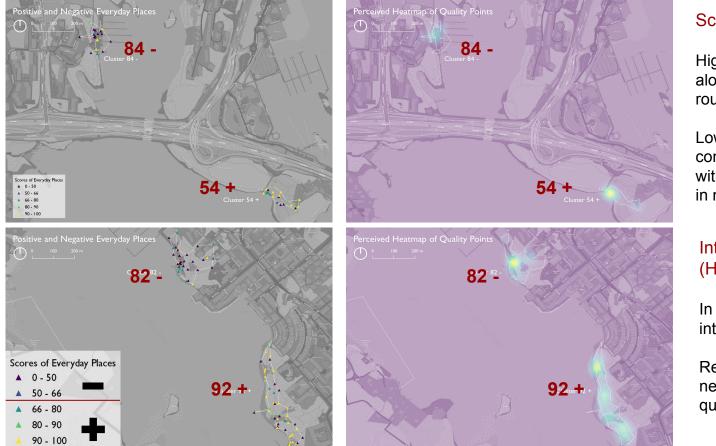
On site analysis - Main values of site - Kivenlahti

Cluster 82 - Kivenlahti

Services: Harbour - Kivenlahti Services: Housings close to the Old village Beginning of 1900 Villa Calm atmosphere Marina & boat services Tyrskyvuori Fitness Stairs nature History connected community Local nature site Park-like area **Restaurant Marine** Laurinlahti Marina with Russian war Now housing mainly High population density Beautiful view from Kivenlahti beach Laurinlahti Beach 1970' Architecture low terraced houses the beach cliffs Kivenlahti Dog beach A REAL PROPERTY. The Beach route **Outdoor** activity Cliff - beautiful Mixed land use Easy to reach services Mixed land use view of the Gulf (buildings + nature) of Espoo (buildings + nature)

Cluster 92 + Tyrskyvuori

Perceived of Everyday Places



Scores of Everyday places

High-score places are located along seaside and beach route;

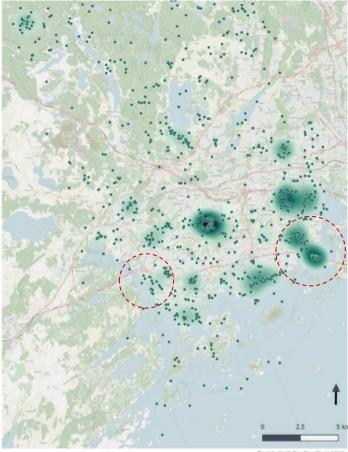
Lower-score places are concentrated in the pier areas with less view of nature and in mixed land-use areas.

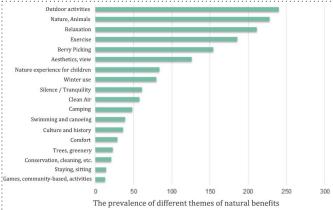
Interested points (Heatmap)

In clusters 54 and 92, many interesting points in it;

Respondents value clusters near the pier (82, 84) less quality.

Popularity of natural benefits





54



- Outdoor activities,

natural environment,

relaxation, exercise and

aesthetics are the most

important factors

- Cluster 54 has the

highest popularity of

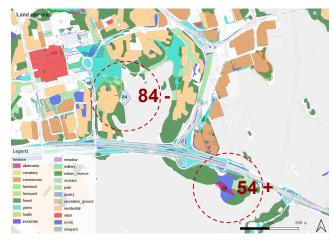
concentrations, the site

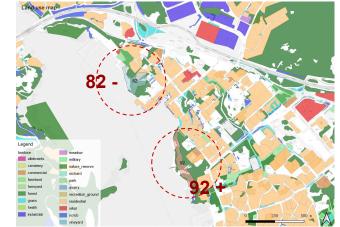
Source: Espoo survey_MINUN LUONTOHYÖTYNI

Monipuolisia luontohyötyjä tuottava paikka
Merkintöjen klusterointi

Taustakartta 🕐 OpenStreetMapin tekijiit

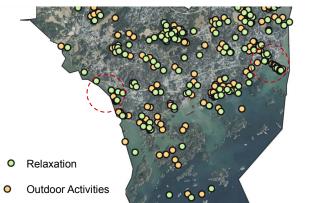
Land use & Outdoor activities

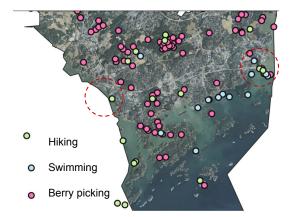


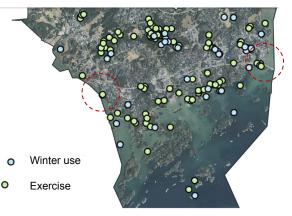


All four clusters are forest or scrub area. Cluster 84 and 82 (negative clusters) are almost connected to pier.

- Cluster 54 and 92 have a richer activity experience, especially for winter use and exercise.



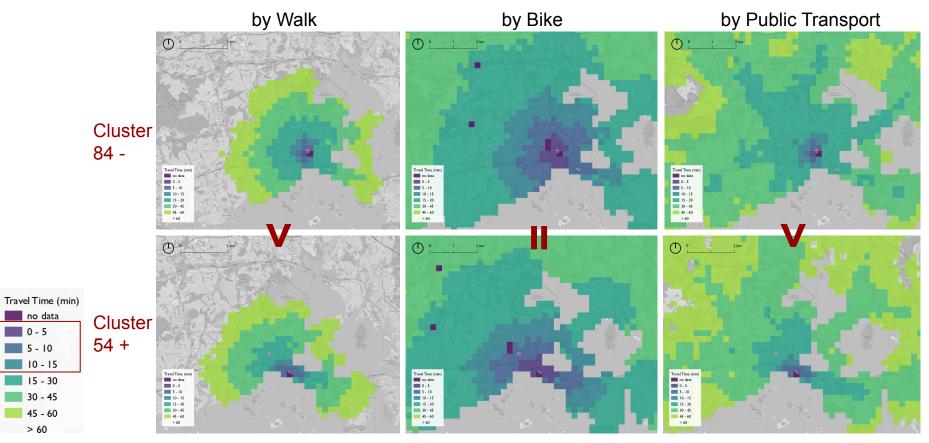




Source: Espoo survey_MINUN LUONTOHYÖTYNI

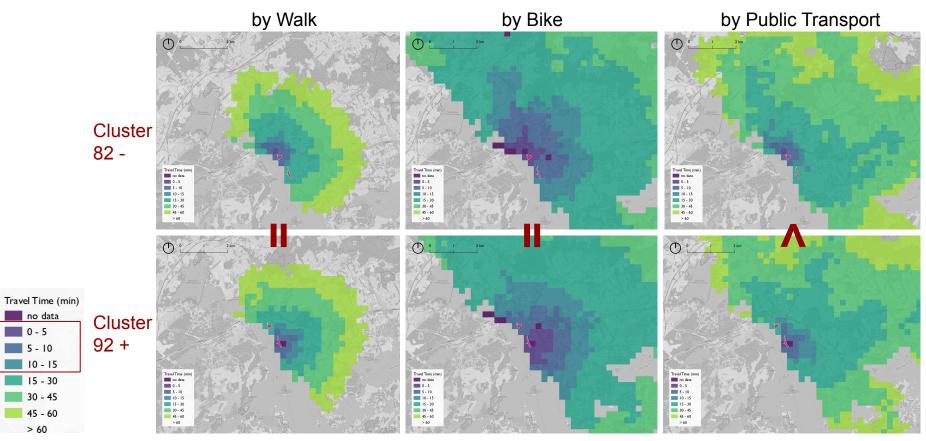
Accessibility and Walkability- Keilalahti

15-min city: travel by walk, bike and public transport

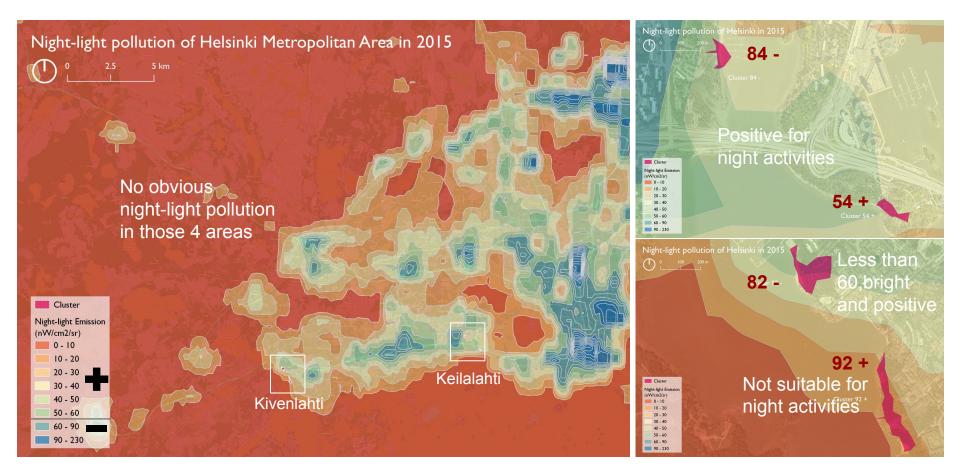


Accessibility and Walkability- Kivenlahti

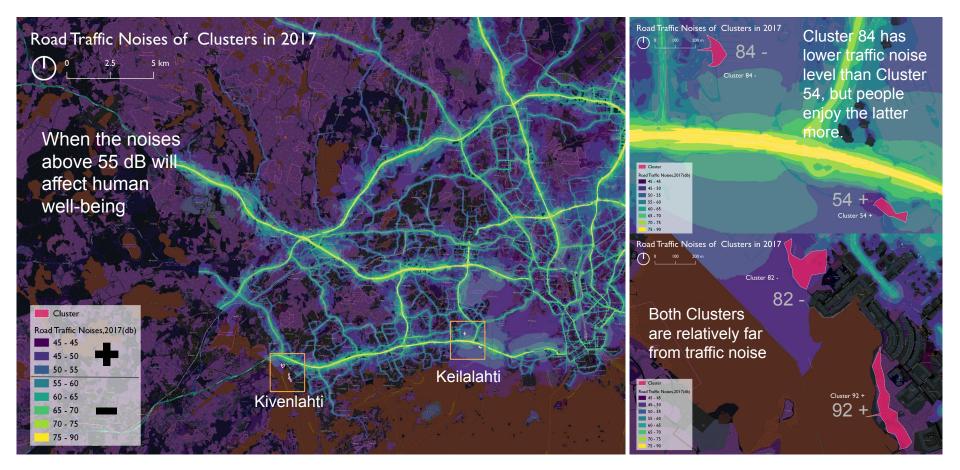
15-min city: travel by walk, bike and public transport



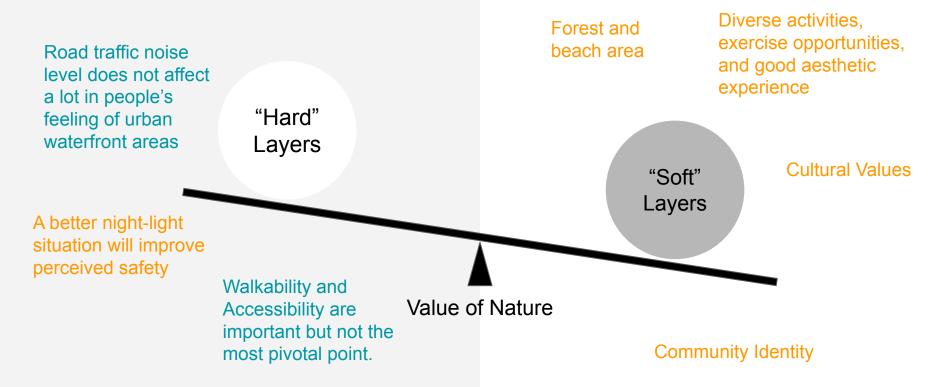
Night-light Situation of Clusters



Road Traffic Noises of Clusters



Conclusion



Improvement suggestions

Cluster 84 -

- Longer Beach route a comprehensive green cover to connect the Otaniemi-Keilaniemi-Tapiola area
- café and restaurant services more

Cluster 82 -

- beach café or restaurant
- Longer, wider and well marked Beach route
- more lighted trails to the park
- Cleaning the shore area of Kivenlahti
- More outdoor activities of all ages (skating, climbing etc.)



- More services along the beach route cafe, sports activities, trash cans, a little camp place
- Separate cycling and walking pathways
- Cleaning more often

Cluster 92 +

- More walking/cyclings paths to the nature -connected trail systemallowable for everybody

194 1984

- More parks and nature areas close to neighbourhood
- Connection to ski trail system and parks, light traffic trail system
- More services to the Beach route (cafe, outdoor gym places, benches)
- More outdoor activities & parkly areas (sport park, dog park, of all ages)
- Supervisor for Tyrskyvuori beach
- A renovation of beach route
- Better guiding through the Beach route







Improvement suggestions



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