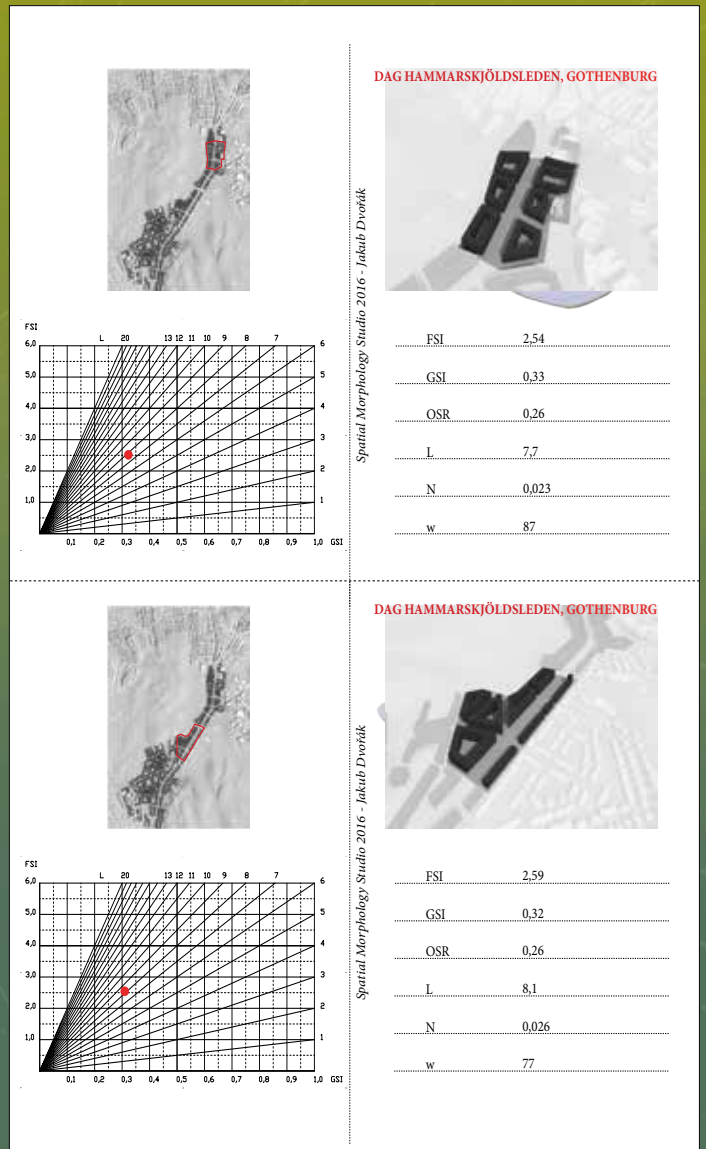


SPATIAL MORPHOLOGY STUDIO



Study of Dag Hammarskjöldsleden area - Urban Typology, Diversity, Density and Accessibility (Author: Jakub Dvorak, Spring 2016)

Jakub's project is an urban study aiming at discussing his design proposal for the Slottskogsvallen, Dag Hammarskjöldsleden in terms of its spatial configuration, accessibility in relation to overall design goal, which was to create the lively boulevard and surrounding locations, enabling the redistribution and broader range of functions. In the project both build and population density were explored, determined and discussed later whether these conditions were acceptable and reasonable.

SPATIAL MORPHOLOGY STUDIO



Students: Carolina Granholm & Yand Yang, 2016

SPATIAL MORPHOLOGY STUDIO, 2016

The Urban Morphology Studio has been recently developed at Chalmers Architecture by Lars Marcus and Meta Berghauser-Pont, primarily set and taught at KTH in Stockholm.

Students develop a design project, where they have to apply their new knowledge on central properties of spatial form. First, relating to how location is created through spatial configuration and accessibility. Second, how such location may be the foundation for different building typologies, constituted by fundamental measures of density.

The overarching design aim may, therefore, be summarized as: 'creating potential location through spatial configuration – creating manifest location through built form'.

Students learn how to develop a design for the chosen site using the design loop from site analysis, problem definition, design solutions to evaluation including adaptations of the design proposal in which the proposed hypothesis is guiding all decisions. The two main concepts location and typology are central and the student should be able to 'read' the site in terms of location qualities and should be able to propose interventions to adapt the site to the aimed for location qualities. Further, the student should be able to relate this new location capacity to a proposal for typology, density and diversity in land uses.

The Spatial Morphology Group [SMoG]

The Spatial Morphology Group is engaged in urban research within the fields of urban morphology, space syntax and design theory. The focus is on the city's form and spatial structure and its impact on human behaviour but also on urban processes such as segregation, local markets and ecosystems.

The group also participates in education, both undergraduate and master's degree, with particular emphasis on analytical methods within the fields of urban morphology and space syntax where the intention is to strengthen students' understanding of how urban form and the physical structure of cities provides the framework and creates conditions for its functionality.

<http://www.chalmers.se/en/departments/arch/research>

TEACHERS:

LARS MARCUS
Professor, Examiner

META BERGHAUSER - PONT
Associate Professor, Examiner

HENRIK MARKHEDE
Lecturer

IOANNA STAVROULAKI
Researcher, PhD