DEPARTMENT OF ARCHITECTURE AND CIVIL ENGINEERING
Chalmers University of Technology

Kandidatarbete
Examenskod ACEX10



The world best campus when it rains

How can the Chalmers campus adapt to climate change while providing an attractive environment for students and staff?

Rainfall is projected to increase in Western Sweden as a result of climate change, especially in the form of heavy precipitation. The municipality of Gothenburg has therefore developed guidelines for stormwater managements. Chalmers should also adapt to climate change; issues on the Chalmers campus include flooding risks and pollution from copper roofs.

This project aims at investigating how the Chalmers campus (Johanneberg) can be adapted to increasing rainfall, while improving the environment for students and staffs. The project is explorative and combines technical and creative aspects to improve our campus, with the goal of creating the world best campus when it rains

Literature recommendation:

- Detailed development plan, Gibraltar Vallen
- Campusplan, Chalmers 2019-2050
- Municipal guidelines for stormwater management

Target group of students
Civil Engineering

Group size
3-6

Special requirements

Suggestion from
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Can the project be duplicated?