



Lecture “Sustainable Buildings: The Applied Viewpoint”

Master in Civil Engineering and others, 2nd semester (spring semester)

**Lecturers**

Prof. Dr.-Ing. Holger Wallbaum, external speakers

Hours

Thursday, 4:45–6:30 pm

Location

HIL E 1

Brief description

The lecture series deepens the basic knowledge of sustainable construction through the analysis of practical case studies. It is aimed at students of master's programs, particularly the departments ARCH, BAUG, GESS, MAVT, MTEC and UWIS, but is also intentionally open to all other departments and those from the practice.

25 February 2010

Introduction I – Sustainability

4 March 2010

Introduction II – Energy concepts

11 March 2010

Introduction III – Recommendation SIA 112/1*Residential buildings:*

18 March 2010

Case study **Sunny Woods**, Beat Kämpfen

25 March 2010

Case study **Eulachhof**, Prof. Dietrich Schwarz

15 April 2010

Case study **Zwinglistrasse**, Karl Viridén

Public service buildings:

22 April 2010

Case study **Federal Office of Statistics**, Yorick Ringeisen

29 April 2010

Case study **Eawag Forum Chriesbach**, Thomas Lichtensteiger

6 May 2010

Case study **ETH Science City HIT**, Prof. Dietmar Eberle

Mixed use / large scale:

20 May 2010

Case study **Stadtraum HB Zürich**, Christian Faber

21 May 2010 (Friday)

Excursion

3 June 2010

Wrap-up