RESPONSIVE CITIES

Mondays 13:00 - 14:00
052-0623-18L | 2 ECTS*

Responsive Cities

What will happen when cities change from static configurations into responsive and dynamic structures? What does it mean for buildings that undergo the same changes? What is the impact on architectural and urban design education? How can citizens influence this development? The Responsive Cities course will answer these questions and supply you with the necessary skills and knowledge to understand and design such dynamic structures. Responsive Cities are about bringing cities back to their citizens. Responsive cities change the way the technology of a smart city is used. Rather than using data that are centrally collected and stored, you will see platforms on which the citizens place the data and the information they decide to share. With this, your own responsibility becomes a foundation of a Responsive City. In the ideal Responsive City, citizens can move from complaining to designing. To get a glimpse what this could mean, you will work with our tried and tested, interactive online urban design, massing and analysis web modeller "Qua-kit". Through using the Qua-kit modeller, you can share your findings; you can comment, vote, and make suggestions on the results of others and understand how cities around the world can benefit from Big Data-informed Urban Design and its dynamics.

Where
HIT H 31.4 (Video wall)

Supervision
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Date	Topic
24.09.2018	Introduction to Responsive Cities
01.10.2018	Information Cities
08.10.2018	Smart Cities
15.10.2018	From Smart to Responsive
22.10.2018	Seminar Week
29.10.2018	Responsive and Livable Cities
05.11.2018	Citizen Design Science
12.11.2018	Responsive Governance
19.11.2018	Responsive City Planning
26.11.2018	Presentations by Students
03.12.2018	Guest lecture
10.12.2018	Presentations by Students
17.12.2018	Responsive Cities

*Total 120 h = 4 ECTS
6 Exercises 25% (documentations)
Presentation 25% (project at the end)
Written documentation 50%

The most recent outline will be found on www.ia.arch.ethz.ch

iA Chair for Information Architecture