AUREL VON RICHTHOfen
21 DICEMBRE 2015

PROGRAMMA

mattina 9:00/13:00
9:00/10:00 lezione 1.0: introduzione al concetto di sostenibilità, materiali, flussi e depositi.
10:00/11:00 presentazione Ex 0 e revisione sul materiale di lettura
11:00/12:00 lezione 2.0: introduzione sul metabolismo e la valutazione sul ciclo di vita dei materiali
12:00/13:00 esercitazione 1: ciclo di vita di un materiale

pausa 13:00/14:00

pomeriggio 14:00/19:00
14:00/15:00 revisione e discussione Ex 1, ciclo di vita di un materiale
15:00/16:00 lezione 3.0: risorse del futuro – estrazione urbana e sistemi spaziali produttivi
16:00/18:00 esercitazione 2: catalogo dei materiali alternativi
18:00/19:00 presentazione degli studenti e discussione.

Aurel von Richthofen is an architect and urbanist. He is a researcher and module coordinator at the Future Cities Laboratory in Singapore (FCL) affiliated to ETH Zurich where he works on alternative construction materials. Aurel established the Sand Lab in Singapore that looks into sustainable alternatives to concrete in construction. Aurel was trained in Switzerland and the USA and is a registered architect in Berlin and Zurich. Prior to Singapore, Aurel spent four years teaching and researching on urbanisation in the Arabian Peninsula at the German University of Technology (GUTech) in Muscat/Oman. He was co-investigator on a research project on sustainable urbanisation patterns in Oman – sponsored by the Research Council Oman and served as consultant to urban renewal projects and spatial planning strategies in Oman. In Singapore Aurel leads a research module developing sustainable building materials. He is currently writing his dissertation on the topic of “Productive Spatial Systems in Oman” at the Institute for Sustainable Urbanism at TU Braunschweig.