

DESIGNING RESILIENT REGENERATIVE SYSTEMS



DRRS Network
Continuous learning opportunities stimulated by the MOOCs

MOOCs SCHEDULE

Time 3-5h/week on free timing



MOOC series with 4 MOOC's, duration each three weeks, May-Oct'22

In average six modules/MOOC, or two modules/week. The series is didactically connected and builds upon each other; continuous participation encouraged, yet single MOOC participation is possible.

Mandatory to finish the MOOC

self-directed work time (week per module):

- A.** 10-20min video/audio/reading input
- B.** 20-30min deepening (reading, reflecting, mapping, further videos/podcasts, quiz, QUEST...)
- C.** 30-45min activation/self-generation with outdoor time (nature journaling, producing short video clip, tandem walk-talks, systemic cycles bike exploration, mapping, ...)

About 1.5h self-work time per module

Total per week: 2 modules > 3h+ self-work per week

Bonus offers

- live and recorded, with each pre-scheduled at a fixed date/week at 9pm CET**
- D.** 1h live conversation with module teachers/ further invited special guests
- E.** 1h live mapping workshop / visual note taking with MOOC production team

Grand total per week: 5h total investment

Further info: <https://systemicdesignlab.ethz.ch/>

Visual mapping of learning pathway - making sense of content, concepts, questions, applications

MOOCs 'DRRS'

QUEST (question-guided personal learning path)

Gigamapping

Systemic Design Lab, ETH Zurich
www.systemicdesignlab.ethz.ch



edX platform essential content and technical support



MOOC 1 WORLDVIEWS - from Sustainability to Regeneration			
WEEK 1	1.0 Welcome and introduction	1.1 Global crises with local solutions	1.2 From sustainability to regeneration
WEEK 2	1.3 Worldviews - Different ways of knowing and reasoning	1.4 Reframing Complexity	
WEEK 3	1.5 Design as Nature		1.6 Mind & Movement



MOOC 2 Beyond Systems thinking			
WEEK 4	2.0 Welcome and introduction	2.2 (Critical) Systems thinking	2.3 The View from Above
WEEK 5	2.4 (Social) Networks		2.5 Resilience
WEEK 6	2.6 Circularity		2.7 Systemic Innovation

Summer Break



MOOC 3 Systemic Design			
WEEK 7	3.0 Welcome and introduction	3.1 Systemic Design methods	3.2 Research by Design
WEEK 8	3.3 Cross-scale Design		3.4 Systems-oriented Design
WEEK 9	3.5 Transdisciplinary Dialogue		3.6 Real-world Laboratories



MOOC 4 Real-World Transformative Design Praxis			
WEEK 10	4.0 Welcome and introduction	4.1 RWL: The Monviso Institute, Ostana, Italy	4.2 RWL: Mallorca, Spain
WEEK 11	4.3 RWL: Hemsedal, Norway		4.4 RWL: TinyLabs
WEEK 12	4.5 Transformative Design Project		

DATES:
9th-27th of May 2022

bonus

Weekly conversations with module teachers & further contributors via DRRS network; live & recorded

Weekly Gigamapping (one frame & rich design space) of the MOOC team on Miro; live & recorded

Learning co-hort finding / Tandem matching

DATES:
6th-24th of June 2022

bonus

Weekly conversations with module teachers & further contributors via DRRS network; live & recorded

Weekly Gigamapping (one frame & Gigamap) of the MOOC team on Miro; live & recorded

Recording short video/audio reflections

DATES:
5th-23rd September 2022

bonus

Weekly conversations with module teachers & further contributors via DRRS network; live & recorded

Weekly Gigamapping (ZIP Analysis) of the MOOC team on Miro; live & recorded

Bio-regional weaving through Systemic Cycles bike exploration (part of all 4 MOOCs)
<http://systemic-cycles.org>

DATES:
3rd-21st October 2022

bonus

Weekly conversations with module teachers & further contributors via DRRS network; live & recorded

Weekly live Gigamapping (final Synthesis map) of the MOOC team on Miro; live & recorded

Connecting with place and context where you live; Bio-regional weaving

Transformative Design Project

Physical/social outdoor activation