

Chair of / Cátedra de /  
Lehrstuhl für

# Architecture & Urban Design

Prof. Hubert Klumpner

Institute for  
Landscape - and  
Urban Studies  
**LUS**

**D ARCH**

**ETH** Zürich



# Design Studio | Spring '20 Urban Prototype

Start 17. February 2020

09:30 ONA Studio, E25

## Liquid City Rijeka

### RE-ACTIVATING RIJEKA

Designing Land and Water-Borne Urbanization Processes

**Rijeka is not a city with a harbor but a harbor with a city.**

What do the dynamic situation of global investments, geopolitical conditions, and the climate crisis in the 21st century mean for Rijeka, located on the border between east and west, water and land?

The studio will re-design, re-program, and re-invent an innovation zone for the re-establishment of a new model for a harbor city, designing beyond the land and the water. Rijeka, as the center of shipbuilding in the Adriatic Sea, is known to be a harbor with a city. This studio is proposing the design of a coastal paradigm for the Mediterranean and generating an alternative city development model for Rijeka, the European Capital of Culture 2020. Rijeka is a city on the border between Italian and Slavic spheres of influence. This valley was, over centuries, the natural division between languages, nations, and political systems. Setting borders and shifting borders will be a design strategy for the studio, proposing a Special Cultural Zone bridging both sides of the river in Školjić. The zone was the source of energy, drinking water, and work, intensively used by industry. Today the area is very close to the city center, providing a unique opportunity for developing Rijeka's urban qualities. Students will design solutions by prototyping the process for a new urban paradigm in the context of environmental, social, and governance issues. We provide the base for each student to develop her/his multi-disciplinary approach that builds urban design projects upon common ground. Students will be encouraged to interpret the United Nations (Sustainable Development Goals) SDG's, articulating an individual and critical position on the potential role of the architect to guide a design process within broader social, political, and economic systems. Informed by the chairs ongoing research in the Balkan region, starting in Athens, Sarajevo, this semester, engages in Rijeka, Croatia, with teaching, making, and researching the city.

#### **Team:**

Prof. Hubert Klumpner  
Melanie Fessel  
Diogo Figueiredo

#### **Organization:**

Architectural Design V-IX | ECTS Credits - 14  
Integrated Discipline Planning | ECTS Credits - 3

Language: German and English  
Work: Groups (max. 2) / Individual  
Location: ONA, E25

#### **Seminar Week:**

Trieste ITA, Rijeka HRV, Ljubljana SVN  
Travel dates: 14.-20. March 2020  
*The seminar week is not obligatory but highly recommended*

#### **Skills:**

Drawing & Representation | Michael Walczak  
*Introduction to Graphic Tools: Rhinoceros 3D, V-Ray, Grasshopper, Illustrator, Photoshop, and InDesign.*

Graphic Design | Integral, Ruedi and Vera Baur

Elective Course | 'ACTION! On the Real City' is offered as an extension to the studio, teaching skills in 3D modeling, filmmaking, and animating.

#### **Research Partners:**

ETH Wohnforum - ETH CASE  
European Capital of Culture 2020 | City of Rijeka  
DELTA Lab | Vedran Mimica

*For questions, please contact  
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