

Under Water Pressure – 2023

Experimenting Parametric Design

Second half of autumn semester 2022/2023

Department of Residential Design & Department of Mechanics, Materials and Structures

The classroom is available for you all day on Mondays and Wednesdays. Note that the door is not locked, and other students use the classroom on other days. Please arrive no later than at 10.15 on each day. Monday is for consultations, lectures and workshops. Wednesdays for consultations and presentations.

Teachers

György Hild, Péter Várkonyi

Schedule

Week	Monday	Wednesday
1.	10.15: introductory lecture students form teams , choose site-analysis topics students visit site on their own on	10.15: students present site analysis and reference works (powerpoint or pdf) consultation time
2.	10.15: lecture	10.15: students present functional program, references, and concept (powerpoint or pdf) consultation time
3.	10.15: consultation time	10.15: consultation time
4	10.15: consultation time	10.15– midterm presentation (ppt or pdf)
5	10.15: consultation time	10.15 consultation
6	10.15: consultation time	10.15 students present their development
7	10.15: consultation time	10.15– Presentation of final projects

Program

An architectural intervention will be a summerhouse complex as a functional program. The beautiful Tisza-lake has lots of visible and hidden treasures. It is an emerging touristic destination both for Hungarian and foreign tourists. The Szabics-Port has a long history and there are summerhouses of a wide range of quality and size!

The proposed intervention should consider the architectural and cultural history of the surrounding area, the lake and the nature, and the visual concepts should be built up strongly on sustainable base. “Under water pressure”

Student presentations:

- week 1: PowerPoint or pdf slideshow, 2–5 minutes per group on different topics related to site.
- week 2: PowerPoint or pdf slideshow, 5–10 minutes, showing your functional program, motivating references, and your first sketches.
- week 3: physical model of site with 2–4 minutes of oral presentation of your concept.
- week 4 midterm presentation, slide show in 10–15 minutes including some references (not too many) – site plan – 3Dviews – floorplans, sections, elevations detailed in a level corresponding to 1:200 scale – sketches, floor plans, sections or 3D views explaining the concept.
- week 6: oral presentation in 2–3 minutes showing to others how your project changed and developed.
- week 7: –week 4 final presentation, slide show in 10–15 minutes including – site plan – 3Dviews – floorplans, sections, elevations, BC details – 3D animation – detailed in a level corresponding to 1:100 scale.

Site:



map: <https://goo.gl/maps/G4WmTv4VrX9DFEqw5>

Aerial flyover: <https://youtu.be/3k-aHHyYeDk>