



Wine cellar entrances in Plains of Hungary closed to Ócsa

## RURAL DESIGN

### STUDIO OF INNOVATIVE SPACES

#### Comprehensive and Diploma Design Studios

2022/2023 Spring

The fast urbanization and the population decline of rural areas seems to be unstoppable, although the climate change, the migration, the wars and several other problems requires a better utilization of natural sources including the agricultural production. How can we help to save the countryside? How can be made the rural life more comfortable, appealing and at the same time sustainable for the different generations, for whole families?

The design area of our Studio is located between the Danube and the Tisza, in a small settlement within the Felső-Homokhátság, in Hernád and in the farmland around it. We are looking for answers to what is the relationship between the special environment, the properties of the culture-landscape, and the quality of built spaces.

How does climate change affect the use of human-cultivated land?

What kind of innovative tools are available for architects to mitigate the effects of climate change and desiccation?

How will look like the architecture of villages in the future ?

How can be transformed the services of villages and the surrounding farmland by the rapid emigration and modernization?

We are working on design sites for different design programs of rural service hubs.

Innovative briefing is also part of the semester scope.

---

---

Sites                      Site proposals  
Hernád, Köztársaság út, Community House "Kéve"  
Hernád, "Mezőkert" Agricultural commercial zone  
The farmland area out of settlements

---

Hernád



Rural life heritage



Old vine cellars in the farmland



---

Research topic                      This year the research topic of the studio is related to the chosen design task and seeks to map out the specific environmental characteristics of farmland and rural life. It also allows us to take more general questions about the appropriate and inspiring space for today's people living in the countryside.

---

Design program                      Optional program ideas:

- local community and sport centre
- local agricultural training and service centre
- innovative farmland service hub
- or any other innovative idea of you

---

Sources and links	<ul style="list-style-type: none"> <li>- Barber, Daniel A.: Modern Architecture and Climate: Design before Air Conditioning. Princeton University Press, 2020 (Dept.)</li> <li>- Gutiérrez, Rosa Urbano – Hidalgo, Laura de la Plaza: Elements of Sustainable Architecture, Routledge, Oxon, 2020 (Dept.)</li> <li>- OMA/AMO: <u>Countryside: The Future</u>, exposition in a Solomon R. Guggenheim Museum (2020.02 20-08.14) - Catalogue (Dept.)</li> </ul>
Further programs	<p>Site visit to Hernád and the surrounding farmland to get know the heritage of the Great Hungarian Plains</p> <p>Presentation about international experiences and innovations</p>
Instructors of the Studio for international courses	<p><a href="#">Schrammel Zoltán DLA</a>, Grédics Gyula master tutor Žaklina Nježić DLA student Li Xiaonan PhD student</p>
Engineering instructors	<p>During the semester, the consultants in the field provide "Engineering Day" twice, when they review, comment and assist the design, and at the beginning of the semester they prepare a professional assignment and an introductory lecture adapted to the design task.</p>
Reference buildings	<ul style="list-style-type: none"> <li>-Gion Caminada Domat, Community Centre</li> <li>- Gion Caminada Vriens, Gym hall</li> <li>-Gion Caminada Vriens, Morgue</li> <li>- Larix Studio Benedekmező, Equestrian</li> </ul>