



# Bioregional Assembly: Material Resonance Salzkammergut

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Entwerfen (Master) ● 253.L20 ● 10 ECTS ● SS 2024  
Kick-Off ● Wed 6.3.2024 ● 9:00-15:00 ● PR GBL  
Weekly meetings ● Wed 09:00-15:00 ● PR GBL  
Visit Gmunden ● Wed 20.3.2024  
Excursion Salzkammergut ● 6.5-8.5.2024  
Finals Research ● Thu 4.7.2024

14-day hands-on workshop, Gmunden ● July 2024  
● 15.7-30.7.2024

Institut für  
Architektur und Entwerfen  
Gebäudelehre und  
Entwerfen

salz kammer  
gut 2024

European  
Capital of Culture  
Bad Ischl  
Salzkammergut

gmunden  
senswert & stilvoll

kultur  
gmunden  
24dreißig

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WIEN

## BIOREGIONAL ASSEMBLY

*Bioregional Assembly* is developing a network of material, human and infrastructural resources in the Salzkammergut region and is looking at how these can be assembled in a way that could strengthen local ecological, economic and social systems in the future. Between March - September 2024, a series of design-research projects will facilitate collaborations with regional institutions from industry, agriculture and crafts on the development of bioregional design practices. Between July - September 2024, research and prototypes will be on public display at the former greenhouse of KunstQuartier Gmunden. Ultimately, Bioregional Assembly aims to serve as an operational model that would inform the long-term development of KunstQuartier Gmunden as a bioregional design-research hub for the Salzkammergut region. The project is lead by Jakob Travnik in dialogue with Atelier LUMA, a programme of LUMA Arles, France as part of the 2024 European Capital of Culture, Bad Ischl, Salzkammergut.

## LOCAL MATERIAL and HUMAN HABITAT

The climate crisis challenges us to reconsider our way of living on the planet and our behavior towards our nature and surroundings. Our presence on Earth is intricately linked to the evolution of our human habitat. Creating our habitat in an intelligent and resilient manner implies adopting an alternative approach within our building culture. Learning from our cultural heritage could provide us with solutions for shaping our environment in a sensible way. One fundamental strategy for a new approach in architectural design is the research of available local resources and materials and their utilization to achieve sustainable design. Fostering awareness of our surroundings, getting in resonance with local resources, and sharpening our investigative art of observation are essential steps.

## MATERIAL RESONANCE

Operating as an integral part of the *Bioregional Assembly* project, the design studio *Material Resonance* includes a research phase focused on identifying and mapping bioregional local material resources and is supplemented by exploratory excursions. The course takes place at TU Vienna during the semester and is followed by a workshop held in Gmunden in July 2024. The research phase involves testing local earthen materials to analyze their characteristics for use in earth-based components. Following this, a 1-to-1 workshop is conducted to practically apply the findings. Focusing on the use of natural materials such as organic fibers and minerals, the course emphasizes investigating local resources, gaining hands-on experience with tools, and understanding the practical application of processed earthen materials within the workshop. The course is instructed by experts experienced in the specialized field of earthen materials.