



**Politecnico  
di Torino**

## **Honors Thesis**

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**Master's Degree Architecture for Sustainability.**

### **Abstract**

***Earth listening “A replicable light earth module for music education in rural areas of Peru – the case of Andahuaylillas***

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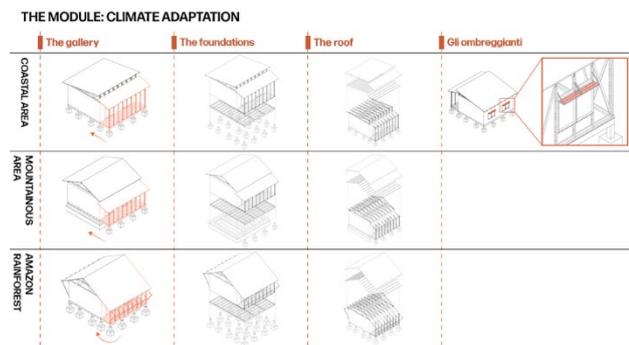
**Simonetta D'Ovidio**

**December 2025**

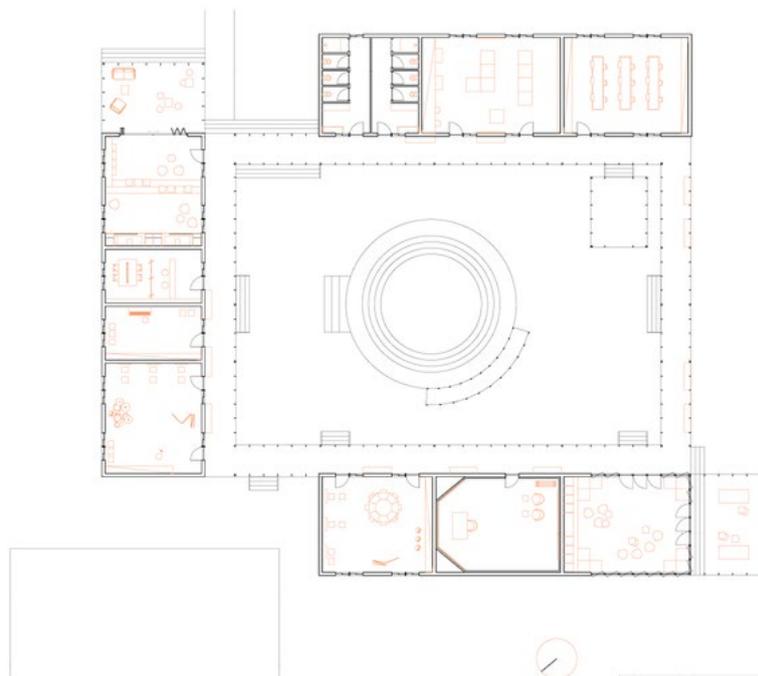
In Peru, music seems to be a common thread in everyday life. Markets, buses, cafes, and squares create a soundscape where multiple styles coexist. The title “Earth listening” alludes, on the one hand, to a land where musical heritage is intrinsic to everyday life and, on the other, to the Peruvian building tradition, in which earth is the protagonist. The thesis attempts to question the role of earthen architecture, creating a module that can be reproduced at different scales for music education in rural contexts.

Earth is not only a technical resource, but also a material that in Peru represents millennia of knowledge, which is interpreted in the thesis with a variant of lightweight earthen construction system. The thesis adopts a multi-scale approach, organized into five sections, beginning with a territorial and cultural framework, explored in depth through direct field research. Moving down the scale, a technical analysis was carried out of the stratigraphies that make up the module, re-proposed in the Andean variant, for the design of the Andahuayllillas music center. The latter brings together a variety of music-related activities beyond teaching: instrument-making space, a space for recording musical knowledge, and spaces dedicated to meeting and socializing.

The thesis proposes a flexible, adaptable, expandable, and easily reproducible model capable of communicating with the deep connection between land and musical culture.



### GENERAL PLAN



**PROSPECTIVE SECTION**

