

# K. Hayashi LAB.

## [Socio-Cultural Ecoregion-Based Society]



Department of Human and Social Systems

History of Urban Residential Landscape

Department of Architecture, Graduate School of Engineering

<https://hayalab.iis.u-tokyo.ac.jp>

Our lab. explores socio-cultural ecoregion-based society through a reconsideration of modern architectural and urban history. In the pre-modern era, architecture and cities were strongly constrained by local conditions such as nature, culture, and history. In contrast, modern society has been liberated from such socio-cultural ecoregion by science and technology and has created new values. However, it has also been a rather homogenous and unsustainable society. Therefore, we are reconsidering the relationship between architecture and socio-cultural ecoregion through historical research and conservation activities and envisioning a new society that recognizes local conditions as resources, not as constraints, and creates values unique to the region by combining these resources with science and technology.

### mASEANa (modern ASEAN architecture) Project



This project promotes the documentation and conservation of modern and contemporary architecture in nine Southeast Asian countries, collaborating with Docomomo Japan and the Japan Foundation. We have made an inventory of surviving architecture built mainly from the 1950s to the 70s.

### Restoration of Traditional Houses in Oman



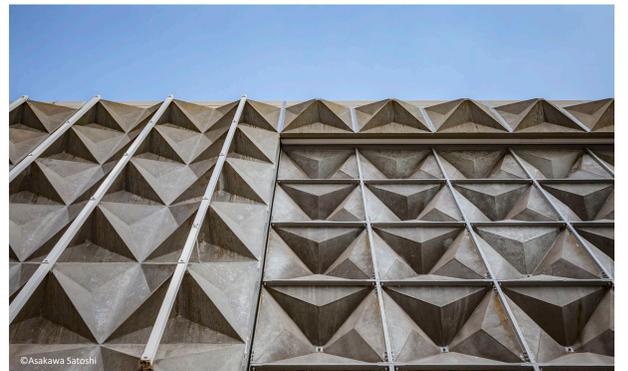
This project aims to restore stone houses in Oman, which is located in the mid-latitude arid region. Oman has traditionally built stone or mud houses due to the lack of wood resources, although concrete houses are now the mainstream. While clarifying the historical method of construction, this project revives houses that were damaged by the cyclone.

### One Hundred Years' Kampung



Jakarta, the megacity in Indonesia, has spontaneous settlements called kampung. Many of them are historical settlements dating from the Dutch colonial period, although they have become densely populated due to post-war migration. We have named them "One Hundred Years' Kampung" and are researching how they sustain.

### IIS Heritage



This project clarifies what the IIS, established in 1949 to take over the Second Faculty of Engineering, has contributed to the post-war society. Conducting oral history and documenting the buildings and facilities that supported advanced research, such as rocket research and steel research, as "IIS Heritage," we draw the IIS self-portrait.

### Todaiji Library



We conduct historical research on the former Todaiji Library designed by Yoshiro Taniguchi in 1967. This library stored rare historical materials of Todaiji Temple open to the public until its function was relocated to the new library in 2011. We are working with the temple community to find ways to utilize the building.

### NAGAYAMON Inn



This student-led project renovates a traditional gate with row house, Nagayamon, in Kurihara City, Miyagi Prefecture, into a guest house. There are more than 500 Nagayamon in Kurihara City, and they have been essential for agricultural work through the 20th century. This project is an attempt to inherit and utilize the Nagayamon as the building type for the next generation.

### Passing Down Home



The inheritance of a house was often equated with the inheritance of the family. However, urbanization and the transformation of family forms have rendered such thinking outdated. So, how should a house be passed down in our current society? Or how should it be closed down? This project examines these questions through practice.