

# KOSHIHARA LAB.

## [Timberized City]

Department of Human and Social Systems

<http://wood.iis.u-tokyo.ac.jp>

**Wood Engineering**

Department  
of  
Architecture

## Timberized City

Japan has a long history of timber building.  
There are a lot of town that wooden houses lined  
How we can get the safety of timber building against earthquake and fire?



Narai, Traditional Architectures  
Preservation District

Seismic reinforcement for each house  
and lined houses.



Densely populated wooden building district

Seismic reinforcement for each house



New residential Area

Seismic design and Fire proof design for  
each house.



Osaka Timber Association B-Bldg.

Large timber building in the city.  
Mix structure with timber and R/C  
structure realized this building.  
1h Fire-proof timber building.



Timberized City (Omotesando: CG)



Shimouma Apartment

Five storied timber building in the city  
Seismic design and Fire proof design  
for timber building.