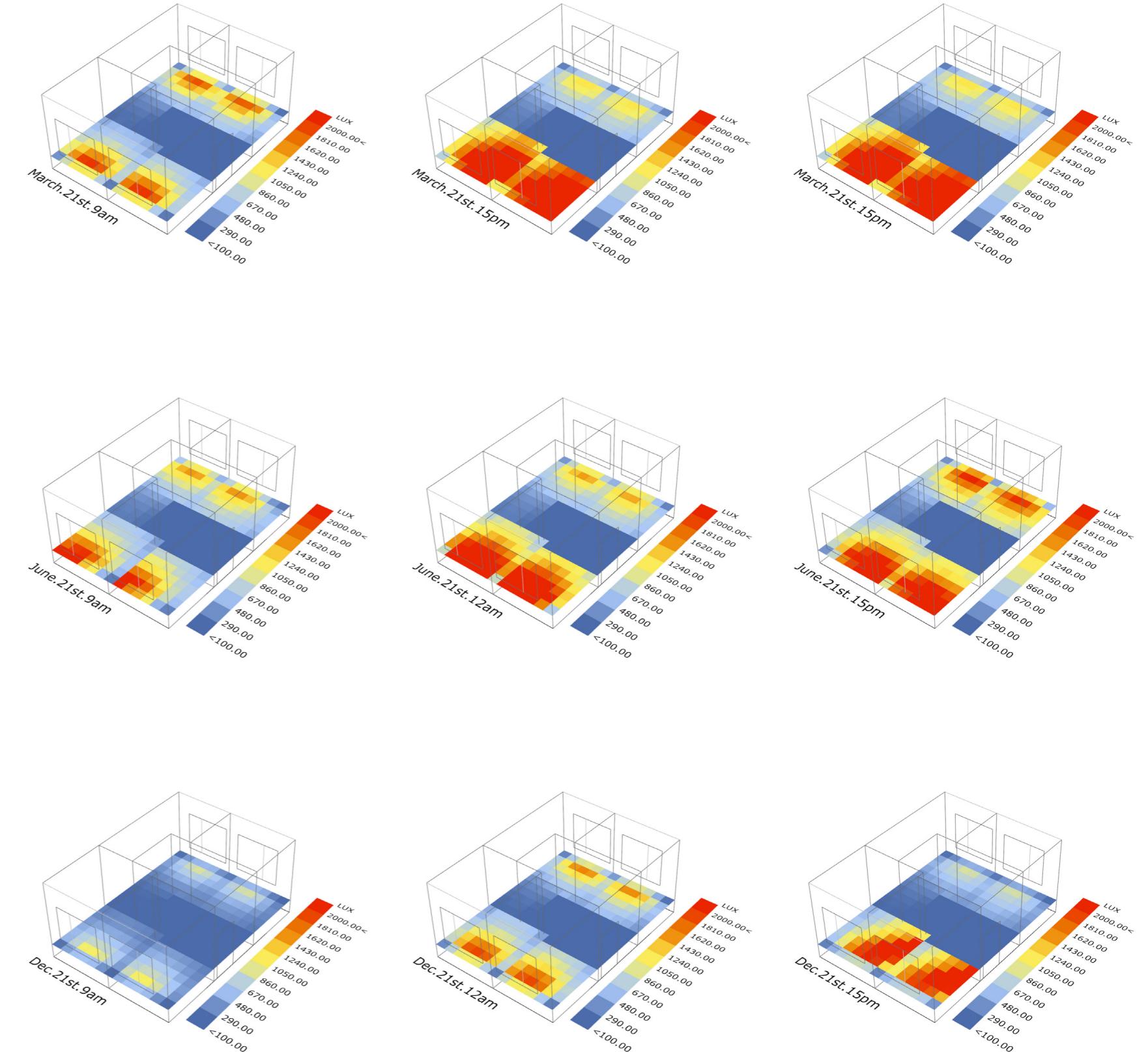
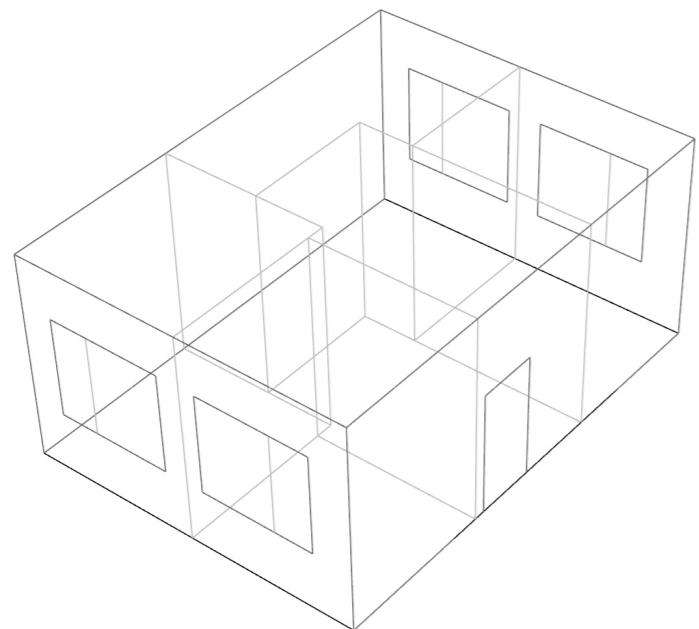
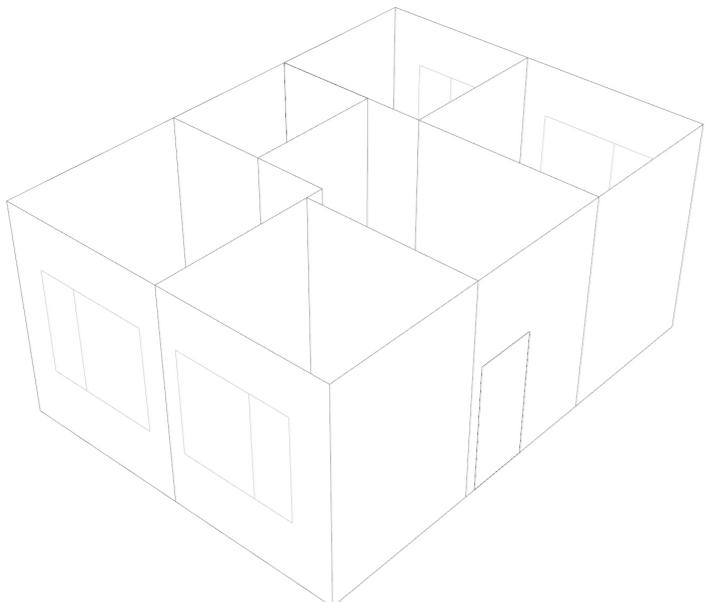


Daylighting Simulation

-Assignment 03

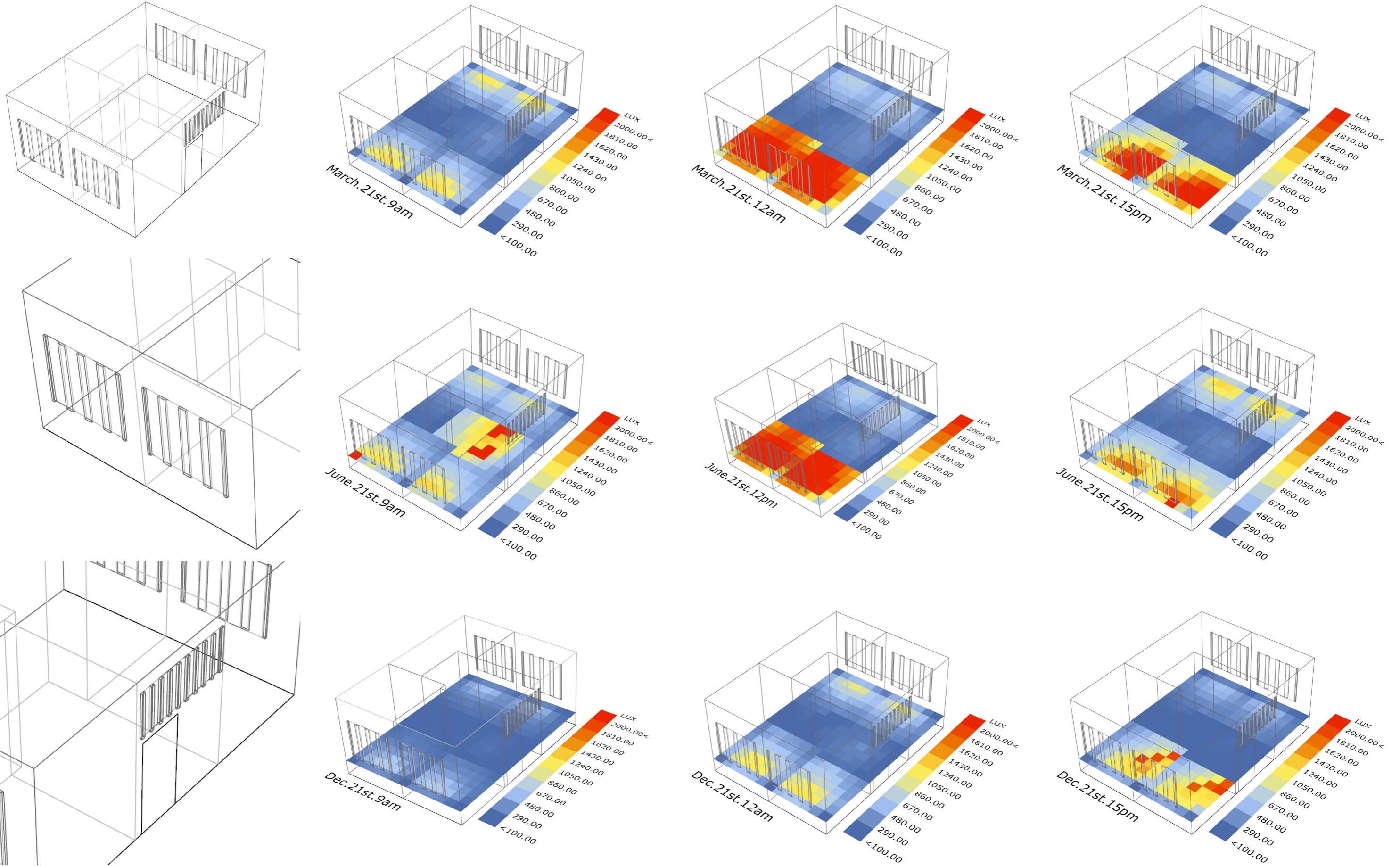
-10/06/2017

-Yunlong Zhang



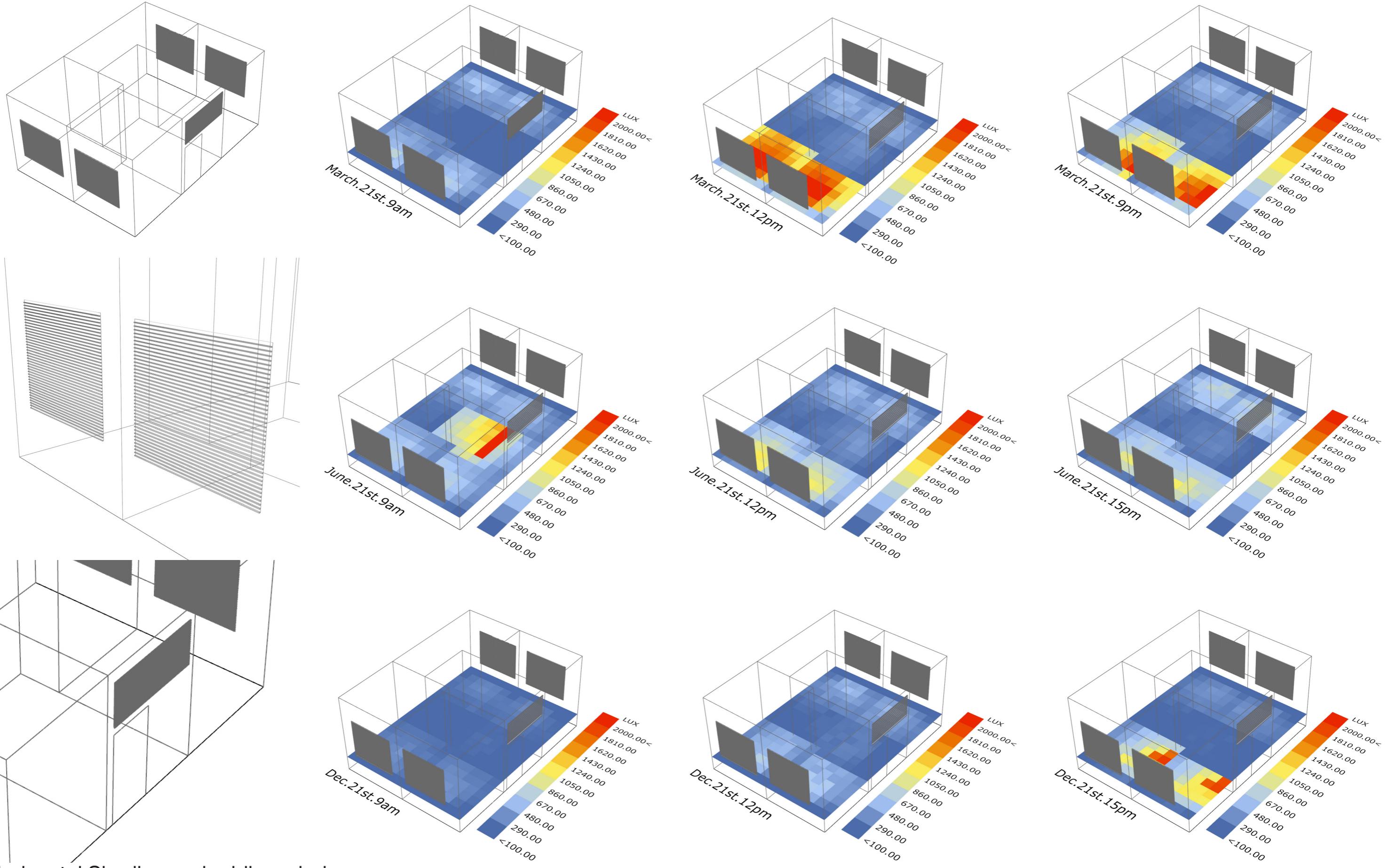
My apartment has 4 windows and one door. This makes my apartment hot near the windows and cold in the center. Also in the apartment, the light is not very sufficient.

For now, the daylight analysis show that the interior sunshine environment is insufficient but superfluous under the window. My first proposal is to make the windows' size smaller .



Vertical Shading and adding window

After decreasing the size of the window analysis shows that the interior light is getting better like to keep decreasing the size of the other windows. And the Vertical shading can decreeasing the influnce of the south windows.



Horizontal Shading and adding window

Add louvers on the window is also useful to decreasing the influences of windows. and compare with the Vertical shading , louvers is more efficient. And the louvers on the east window is more sparse than the south part because east part has the less influence of the sun.