

Study on the Grid Shaped City

SYNOPSIS

Many Grid towns have been constructed from the classical ancient age when looking back to town planning history. So far, the grid town is alive in long human history. The grid town planning formulates space organization consisted of both infrastructure of rectangular road network and square blocks related to building site and building itself like housing. Rectangular road network has a feature to remain for a long time after construction as a public infrastructure. Actually, grid pattern of Heiankyo (old Kyoto) which was modeled capital Changan of Tang (China) had been the prototype model of building Japanese capital town like Edo, Osaka and so on.

The purpose of this study is to clarify how the grid which is simple and geographical pattern is introduced in town planning and how it has been developed and transformed through the comparative analysis of typical examples in various country and region.

The contents of the study in large part are as follows: Historical development of the grid town and its social condition; Size and form of the grid; Comparative analysis of the grid plan; Metamorphosis of the grid town and rectangular block; The grid plan in today's urban design and planning.

Keyword

The Grid 2. The Block 3. Urban Infrastructure 4. Street Pattern 5. Urban Form