Thermal comfort is one of the important components of being usable of landscape. Climatic conditions in which people feel him comfortable are described as comfortable places. In these places, the energy balance is provided to people due to excessive heat or cold stress does not fall over. Microclimatic structure should be surveyed well and participated effectively in the planning process for the regulation of comfortable places. Ensure the balance of energy is one of the basic elements of a sustainable landscape design. The heating and cooling costs to ensure the balance of energy will be less. Thus, significant gains in economic terms are provided. In addition, due to a reduction in the size of Urban Heat Islands (UHI) provide important contributions to the protection of the ecological structure. In this study, it will explain importance of providing thermal comfort and its benefits the ecological and economic aspect in sustainable landscape planning and design study which aims is create ideal spaces for human.