

EVALUATING THE EFFECT OF PHYSICAL AND PSYCHOLOGICAL PARAMETERS TO ACHIEVE THERMAL COMFORT IN BEACH PARKS IN TROPICS

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ABSTRACT

“The function of human thermal consolation on sustainable architecture and urban design is extensive. To concentrate on outdoor thermal consolation concern in addition to indoor thermal consolation is a key to solve the global warming and losing energy issues for future years”. Outdoor spaces as favorable and frequent spaces for human beings in urban areas have an effect on strongly the quality of lifestyles and well-being of persons. Although the assessments of out of doors thermal consolation were accelerated in current years, the range of researches that preliminary centered on human thermal consolation in outside areas is few. This research opinions the research about thermal comfort parameters of outdoor areas specifically for the beach front have been performed in varies weather situations inside a month. Furthermore, it explained the overall evaluation approach of the out of doors thermal consolation in qualitative and quantitative technique.

Microclimatic conditions of a beach front are a crucial parameter for the use of outside areas inside the urban surroundings Thermal comfort conditions in outdoor beach front spaces have rarely been achieved by the designers. Presence of environmental friendly regions such as inclusive of parks in city contexts may be very vital for the pleasant of human existence and the sustainability of the towns particularly for tropics. Other than that these urban beach parks provide important social & psychological benefits to human societies, which enrich human life with meaning & emotions. It associated that despite the fact that microclimate parameters strongly affect thermal sensation, they cannot completely account for the huge variant among goal and subjective consolation assessment, while mental edition seems to becoming more and more essential along with the interest. In this study parameters for thermal comfort and outdoor activities are examined through field surveys, interviews, questionnaires, and participatory observation with the uses of the spaces.

Understanding the interrelationship among the specific parameters of microclimatic conditions and psychological & physiological version together with the interest could be of interest with a view to examine their relation importance and to get admission to their design function, climate they might influence layout beachfront parks. A cognizance of those matters might be treasured to architects planners & city designers, by using the manner of enriching the layout possibilities to improve the fitness and health of the individuals and finally- the sustainability of the community at massive.

Key Words: - outdoor thermal comfort, beach front, microclimate, urban parks, design consideration, thermal adaptation