

**THERMAL SENSATION, HUMAN COMFORT AND OPEN AIR
ACTIVITY: QUESTIONNAIRE SURVEY AND
MICROMETEOROLOGICAL MEASUREMENTS IN SZEGED,
HUNGARY**

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Because of the rapidly growing global population more and more people have to live or work in urban areas. Balancing the number of stress factors in cities, there is an increasing need for environments offering places for relaxation, recreation and promoting the social activity. If a study concentrates on whether an urban public space meets these requirements, specified and detailed data is needed about the investigated area, principally the thermal conditions evolved on the site. On the other hand, subjective information set is required about the visitors staying on the area. Measurement of the meteorological parameters on the site with simultaneous human monitoring make it possible to look into the complex connections of area - thermal environment - human attitude. This study aims to present an outdoor human comfort project based on questionnaire survey on subjective thermal and comfort sensation as well as area usage, together with micrometeorological measurements on the site. The simultaneous human and environmental monitoring makes it possible to compare the subjective and objective measures of the thermal sensation, and set some light on the personal and environmental factors influence the people' comfort level, and outdoor activity. Such kind of investigations are important to reveal beneficial coherences between the area design and social life, which can be used in the process of urban planning - civic design.