Abstract

Perception and expectation of citizens is an important factor in urban planning, settlement and management. Hence, there is a need of a participatory citizen centric planning of urban settlement based on spatial data. These perception and expectation may be represented in terms of emotions. Determining Urban Emotions is an approach which can be used to map different types of emotions associated with urbanization. In the recent years, some new methods have been presented for the area of urban and spatial planning, resulting in a fundamental change of the understanding of urban planning. Geographical information system acts as a key factor for analyzing urban emotions from various types of data. This paper presents the review of ongoing research on various techniques for determining urban emotions in the recent years.

References

1. Peter Zeile, Bernd Resch, Linda Dorrazpf, Jan-Philipp Exner, Gunter Sagl, Anja Summa,


Index Terms

Computer Science

Information Sciences

Keywords

Urban Planning, Spatial planning, Smart city, People as Sensors, Urban Emotions, Spatial monitoring, Psycho-physiological monitoring, Mental Maps, Psycho-geography, Bio-mapping,
Emotional cartography.