

Science of Design and Planning Habitats (Influencing Identities)

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Abstract: This paper aims to explore science of “habitats and topophilia” in context of communities and cities relevant to Sustainable Development Goal (11.4) for cultural and built-heritage in shaping identities. We analyse science and technology of city planning, in developing identities for, ancient, historical, contemporary, cultural and built habitats. We also study policies and philosophies pertaining to Sustainable Development Goal (11.4) and their application to the implementation process. The scope of the paper includes “Umbrella Review” and “Theoretical Sampling” to study concepts and principles of habitat design and planning. Methodology used is critical, comparative and interpretive analysis based on primary, secondary and tertiary data. Culturally relevant habitats with unique identities are designed with mechanical principles using physics and gravity flow in context of natural resources, response to environment and climate. Design and planning ideas with sustainable principles should facilitate human development. Regulations for strategic implementation and legalities should be integrated as knowledge systems for all stakeholders. Industry practitioners, craftsmen and maintenance crew should be trained in identifying heritage features and to integrate conservation aspects.

Keywords: Identities, Heritage (cultural and built), Habitat (design and planning), Sustainable Development Goals, Human Development Index, Quality of Life