

Chapter 12

A Componential View of Urban Life and the Ambient in Smart, Learning, and Future Cities: A Summary and Synthesis

ABSTRACT

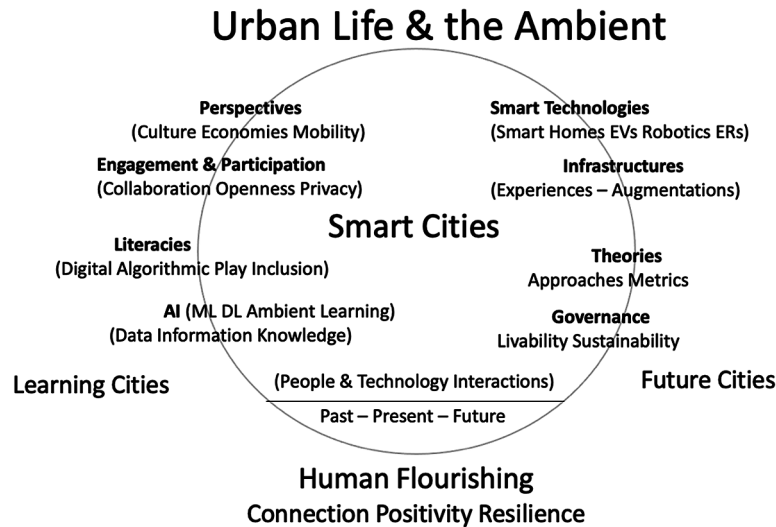
This final chapter concludes with the purpose of providing a summary of urban life and the ambient in smart cities, learning cities, and future cities as presented across the chapters of this book. An integrated conceptual framework for urban life and the ambient in smart cities is formulated bringing together the conceptual frameworks provided in each chapter, resulting in a componential rendering. In summarizing the content across chapters, a tabular approach is used for literature review findings pertaining to issues, controversies, and problems as well as findings from the exploratory case study approach conducted in combination with an explanatory correlational design. Also, tabular presentations are provided for a variety of elements including variables explored and their correlations, and for insights, ideas, and exercises. The comparative glimpse across chapters enables a discussion of patterns and trends emerging across the dynamic, interdisciplinary space of urban life in smart cities.

1. INTRODUCTION

A summary of the preceding eleven chapters is provided in this chapter and as such, a key contribution is the formulation of an integrated conceptual framework for urban life and the ambient in smart cities. This work is significant in that it develops the lens of urban life and the ambient as a way of exploring and understanding smart cities, learning cities, and future cities. As a concluding chapter, this work undertakes to: a) provide a summary of urban life and the ambient from the perspectives presented in this book in the context of smart cities; b) provide an integrated conceptual framework for urban life and the ambient in smart cities to guide explorations going forward; and c) consider patterns and trends emerging in the relationship between variables explored that may provide insight into navigating the

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Figure 1. Integrated conceptual framework for urban life and the ambient in smart cities



way forward in smart environments. These undertakings give rise to the main objective of this chapter as described below.

Objective: The main objective of this chapter is to provide an integrated understanding of urban life and the ambient contributing a lens and broad framework for the study of smart cities, learning cities, and future cities while also providing guidance for researchers and practitioners on ways to experiment, explore, and approach practice, learning, and action in smart cities.

2. URBAN LIFE AND THE AMBIENT AS A LENS FOR EXPLORING SMART CITIES

This work develops the notion of urban life and the ambient as a lens for exploring smart cities, learning cities, and future cities.

2.1 Urban Life and the Ambient Integrated Conceptual Framework

This chapter revisits the conceptual framework for urban life and the ambient in smart cities presented in Chapter 1 together with the chapter – by – chapter conceptual frameworks presented in this book and provides an integrated conceptual framework for urban life and the ambient in smart, learning, and future cities as depicted in Fig. 1.

Broad components of the integrated conceptual framework for urban life and the ambient consist of smart cities, learning cities, and future cities contributing to the outcome of human flourishing focusing on connection, positivity, and resilience as encouraged by Ekman and Simon-Thomas (2021). More specific components consist of, but are not limited to, perspectives ranging from culture to economies to mobility; engagement and participation involving collaboration, openness, and privacy; literacies including the digital, the algorithmic, play, and inclusion; data, information, and knowledge; artificial

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