

The Processes and Theories of the Smart City

By

Melissa Sessa

Cambridge Scholars Publishing



The Processes and Theories of the Smart City

By Melissa Sessa

This book first published 2022

Cambridge Scholars Publishing

Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK

British Library Cataloguing in Publication Data A catalogue record for this book is available from the British Library

Copyright © 2022 by Melissa Sessa

All rights for this book reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the copyright owner.

ISBN (10): 1-5275-7591-8 ISBN (13): 978-1-5275-7591-2 What is the city, but the people?
—William Shakespeare, Coriolanus Act III Scene I

TABLE OF CONTENTS

INTRODUCTION	1
CHAPTER 1Smart City: Why Today?	9
Economy and new forms of capitalism	13
Politics, governance and technocracy: three organisational	
paradigms	21
The city in a network society	30
CHAPTER 2	37
Theories About the Smart City: Axes, Share Capital and Labelli	
The theory of the six axes	
Medium-sized cities as a basis for research	
What is a suitable definition of a smart city?	
Share capital as a driving force for smartness	
Smart definitions: A detailed synopsis	
A step forward: the human factor	
Critique: the theory of smart labelling	
Smart city: a combination of several concepts	
The smart city divided between public and private interest	
CHAPTER 3	69
A New Theory about the Smart City: Attempts at Holism	
Democracy as a key element for smart governance	72
Sustainability as a guiding element	82
Security, safety and privacy	91
CONCLUSION	99
BIBLIOGRAPHY	103

This book describes the phenomenon of the smart city in all its facets through sociological lenses. What is a smart city? What social challenges is it addressing? What are its limits and what are its potentialities? The concept of the smart city is still somewhat unclear, although the smart city project is currently at the forefront of society. Through a precise analysis of the concept of "smart", the book provides a holistic definition of what constitutes a smart city. It will guide readers who want to analyse and describe the smart city, not only in the sociological field, but also in the technical-scientific field, and for those who want to explore its limits, its potentialities and its future developments.

Melissa Sessa is a PhD candidate at the Department of Political Sciences of the Sapienza University of Rome, Italy, and at the Sapienza School for Advanced Studies (SSAS). She also won a scholarship to conduct her research abroad at the London School of Economics and Political Science. With her dissertation, "The social dimension of the smart home", she won the prestigious "Vincenzo Dona" Prize. She is currently a member of the Board of the RN24 - Science and Technology Research Network of the European Sociological Association.

Cambridge Scholars Publishing

978-1-5275-7591-2 www.cambridgescholars.com **Cover image** Earth Observations taken by Expedition 38 crewmember courtsey of NASA, 2014

