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TOWARDS THE CONSTRUCTION OF SMART CITIES IN LATIN AMERICA AND THE
CARIBBEAN THROUGH THE USE OF SPACE TECHNOLOGY.**Abstract**

The rapid urbanization process observed in Latin America and the Caribbean in recent decades has posed multiple challenges for the region and has caused great contrasts in the quality of life within cities. Today, more than 80% of the population in the region, also imperfect and unevenly distributed, is digitized. In less than 30 years, the proportion of people using the internet in the region has increased from 0% to 80%. Technology increasingly plays a key role in the lives of citizens and in the life of cities. The greatest impact of digitization and its consequences can be seen in the rise of the Internet of Things (IoT), which vastly increases the amount of data available in urban space.

In this article we explore the capacity of the Galileo satellite constellation system of the European Union through the Galileo information center for Mexico, Central America and the Caribbean for its application in the construction of "smart cities". Combining the characteristics of the Galileo satellite navigation system in the public transport system, risk prevention in disaster areas and community projects through space technology. This article emphasizes the advantages of using space technology in society to serve to improve the construction and management of cities to bring comfort and safety to people's lives.