

---

# Building Urban Digital Twin: An Overview

Zeeshan Ali\*<sup>1</sup> and Mamadou Kaba Traore\*<sup>1</sup>

<sup>1</sup>Université Sciences et Technologies - Bordeaux 1 – IMS Laboratory, CNRS, UMR 5218 – France

## Résumé

The expansion and diversity of cities have raised complex urban problems, that can easily be understood through digitalization, which provides deep insights and a better understanding of cities. Researchers are using Digital Twin(DT) in smart city applications called Urban Digital Twin (UDT). UDT is accelerating quickly and holds immense potential for transforming cities into intelligent ecosystems. This paper delves into the crucial aspects of UDT.

---

\*Intervenant