



People's Democratic Republic of Algeria
Ministry of higher education and scientific research
University 8 Mai 1945 Guelma
Faculty of sciences and technology



The Department of Architecture organizes an National Seminar on: Algerian cities facing the challenge of digitalization

22th & 23th November 2026

Themes

Theme 1: Levers of Digitalization for the Algerian City of Tomorrow

Theme 2: Urban Spaces and Digitalization: What Future?

Theme 3: Digitalization for the Preservation of Urban and Architectural Heritage

Theme 4: Digitalization and Urban Resilience

Theme 5: Digitalization and Citizen Participation for a Sustainable City

ARGUMENTATION

The digital transition is now at the heart of urban strategies worldwide. For Algerian cities, it represents a strategic opportunity for modernization and a challenge to overcome.

The current urban context is characterized by demographic pressure, social inequalities, and often uncontrolled urbanization. Integrating digital technology into urban policies is now essential to strengthen governance, improve the quality of public services, develop participatory governance and efficient management, and build more sustainable and resilient cities.

Nerve centers of economic, social and cultural activity, cities must meet multiple challenges: sustainable management, social equity, energy efficiency, while adapting to a society undergoing rapid technological change.

The digitization of Algerian cities presents an opportunity to rethink their operation and governance.

Digitization is not an end in itself. The main challenge is to make technology accessible to human beings, within a framework of sustainable development. The Algerian city of tomorrow must be smart, resilient, and sustainable.

Many questions can be raised: How can cities integrate digital tools to improve their functioning while ensuring equity, resilience, and sustainability? What are the drivers of urban digitization? What are the limitations of this digitization?

The objective of this event is to strengthen the architecture department's curriculum by incorporating a reflection on the challenges to be met for the Algerian city of tomorrow in the era of digitalization and emerging technologies for its resilience and sustainability.

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