



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
Ferhat Abbas University, Sétif 1  
Institute of Architecture and Earth Sciences  
Department of Earth and Universe Sciences  
Geography and Territorial Planning Program



In collaboration with  
The Laboratory of Urban and Environmental Analysis  
Faculty of Earth Sciences, Department of Territorial Planning, University of Annaba  
and the Urban Project, City, and Territory Laboratory  
Institute of Architecture and Earth Sciences



**ORGANIZES**

**On April 14–15, 2025**

**The First National Seminar on Algerian Cities: Planning, Governance, Management, and Artificial Intelligence**

**Arguments**

Algerian cities are currently at a critical juncture, facing rapid urbanization, sustainability demands, and opportunities presented by new technologies. With a rapidly growing urban population, pressing environmental challenges, and an increased demand for efficient public services, it is essential to rethink urban planning, governance, and management in the country. The transformation of Algerian cities requires an integrated approach, where sustainable planning and management are aligned with participatory and transparent governance. The emergence of artificial intelligence (AI) also represents a powerful tool to optimize urban services, improve infrastructure management, and enhance public safety. However, integrating these technologies into the Algerian context raises new challenges, particularly in terms of training, digital infrastructure, and available resources. **The First National Seminar on Algerian Cities: Planning, Governance, Management, and Artificial Intelligence** aims to bring together key stakeholders in the urban sector, such as elected officials, urban planners, public service managers, technology experts, researchers, and engaged citizens, in a setting conducive to reflection and collaboration. This seminar aims to lay the groundwork for a new approach to Algerian cities, focusing on sustainability, innovation, and efficiency. It seeks to be a key event for sharing best practices, exploring opportunities offered by new technologies, and enhancing the capacity of Algerian cities to address future challenges. Urban planning, as a fundamental pillar of city development, is crucial for addressing the growing challenges of urbanization and spatial management. The expansion of cities in Algeria, driven by significant population growth, requires strategies that integrate environmental protection, equitable access to resources, and the improvement of residents' quality of life. The design of sustainable neighborhoods, the integration of green infrastructure, and the development of accessible, high-quality housing are major challenges for urban planners and decision-makers. Modernizing urban governance is also a crucial issue. To improve efficiency, Algerian cities must adopt participatory and transparent governance models that place citizens at the center of decision-making. An inclusive governance model ensures that urban policies and projects genuinely address the population's needs while enabling responsible and transparent resource management. Encouraging citizen engagement and leveraging digital platforms to gather feedback and facilitate dialogue are essential approaches to strengthening trust between local authorities and communities. The management of infrastructure and services in Algerian cities represents a major challenge. Essential resources such as water, energy, transportation, and waste management require optimization to reduce environmental impact and ensure a stable and sustainable supply for all citizens. This demands intelligent management systems and the ability to analyze real-time data, enabling rapid interventions and proactive adaptation to growing demand. Moreover, the integration of artificial intelligence offers a unique opportunity for Algerian cities. AI can revolutionize urban management by optimizing transportation, reducing energy consumption, enhancing public safety, and automating infrastructure monitoring. However, this technological transformation requires investments in digital infrastructure, the development of technical skills, and an

adoption strategy suited to the local context. The seminar will provide an opportunity to explore best practices and discuss the most relevant AI applications for the development of Algerian cities.

### **Objectives of the Seminar**

- 1) - Encourage sustainable urban planning practices: Study urban planning strategies that support balanced city growth while preserving natural resources.
- 2) - Explore models of participatory and transparent governance: Study how to make governance more effective by involving citizens in decision-making processes and making local administrations more responsive.
- 3) - Optimize urban management through advanced technologies: Develop strategies for managing infrastructure and resources using digital tools and real-time data.
- 4) - Accelerate the integration of artificial intelligence in cities: Illustrate how AI can optimize security, mobility, resource management, and enhance citizens' quality of life.

### **Axis of the seminar**

#### **1. Urban Planning and Sustainable Development**

- Integrated urban planning strategies.
- Assessment of the environmental impacts of urban projects.
- Participatory approaches to involve citizens in planning.

#### **2. Urban Governance**

- Governance models for effective city management.
- Role of local authorities in urban development.
- Transparency and accountability in urban resource management.

#### **3. Urban Infrastructure Management**

- Maintenance and sustainability of public infrastructure.
- Technological innovations for managing urban services (water, electricity, waste).
- Resilience of infrastructure in the face of crises (climate, health).

#### **4. Artificial Intelligence and Smart Cities**

- Applications of artificial intelligence in urban management.
- Development of intelligent geographic information systems (GIS).
- Use of big data to optimize urban services.

#### **5. Urban Mobility and Transportation**

- Sustainable mobility solutions in urban areas.
- Integration of public and private transport for better accessibility.
- Impact of digitalization on transportation systems.

### **Honorary Chairman**

**Prof. LATRECHE Mohamed Elhadi**, Rector of Ferhat Abbas University, Sétif 1

**Prof. CHABOU Mouley Charaf**, Director of the Institute of Architecture and Earth Sciences, Ferhat Abbas University, Sétif 1

### **Chairman of the seminar**

**Dr. KHALLEF Boubaker**, Institute of Architecture and Earth Sciences, Department of Earth and Universe Sciences, Ferhat Abbas University, Sétif 1

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Dr. Khouas Adel Makhoulouf	Ecole nationale du tourisme Alger

### **Conditions and Terms of Participation**

- Contributions can be in the form of oral presentations or posters.
- Participation is possible in one of the following three languages: Arabic, English, or French.
- Participation proposals must be sent by email to the following address:

[\*\*psn.pggia2025@gmail.com\*\*](mailto:psn.pggia2025@gmail.com)

### **Indicative Calendar and Important Dates**

- January 15, 2025: Publication of the call for papers
- February 25, 2025: Deadline for submitting paper proposals
- March 20, 2025: Notification of acceptance sent to authors
- April 14-15, 2025: Seminar event

### **Participation Fees**

Teacher researchers: 5000 DA

Doctoral students: 3000 DA

Professionals: 6000 DA

### **Contact**

For more information, contact:

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