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People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
Larbi Ben M'hidi Oum El Bouaghi University



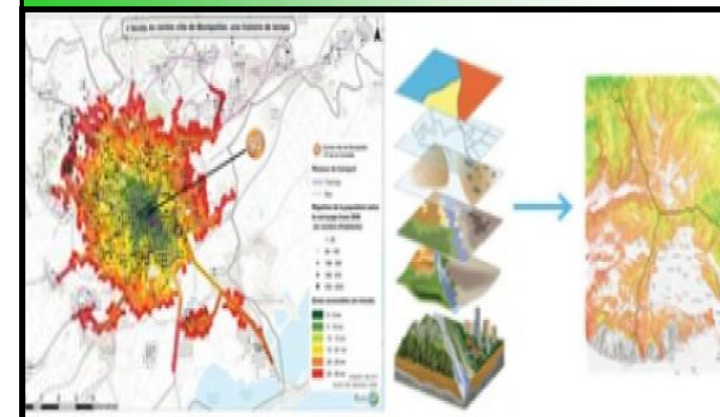
Institute of Urban Technology Management (GTU)

In collaboration with

- The RNAMS research laboratory
- The Laboratory for Evaluation of Quality of Use in Architecture and the Built Environment
- The National Institute of Cartography and Remote Sensing (INCT)
- The Centre for Space Technology (CTS)

Organize a

National Seminar
Geographic Information Systems (GIS) and urban spatial management
25 and 26 October 2021



Preamble

Geographical Information Systems (GIS) have become a real decision-making tool in the field of spatial planning and particularly in the management of problems in the urban environment. This information processing tool is of interest to local authorities and those responsible for national security, firstly because it is a tool for analysing information and a formidable investigative lever for gaining a better understanding of a certain number of situations with which the city is confronted. It is also a tool that illustrates the changes in the organisation and management of territories brought about by new information and communication technologies. In view of the success currently enjoyed by GIS and their various applications, it now seems interesting to assess the situation of geographical information in Algeria and to find out how to generalise the use of GIS in the various sectors and fields. Indeed, this seminar is an opportunity to raise the awareness of the various actors on the importance of setting up a geographical database on the whole of our territory in relation to the various socio-spatial, economic and security evolutions. Bearing in mind that Algeria has invested in recent years to collect geolocalised data using modern means, namely the Algerian Alsat 1 and 2 satellites.

The objective of this national seminar on geomatics is to propose methods, solutions and decision-making processes for the creation and management of geographical information in urban space. It is a scientific meeting that will deal with areas such as geomatics in the field of national security and safety, geomatics and the management of the elements structuring the city (networks, buildings, activities, etc.), geomatics in the intelligent city (modern governance of territories), geomatics and risk management (natural and anthropic) and environmental protection (waste management), etc.

The scientific event will be supported by the laboratory for the development of sensitive environments at Larbi Ben M'hidi University (Oum El Bouaghi) in collaboration with the National Institute of Cartography and Remote Sensing (INCT) and the Algerian Space Agency (ASAL) and the National Council for Geographic Information (CNIG).

Thematics

Axis 1 : Geographical information system and databases ;

Axis 2 : The importance of geo-localisation of spatial information ;

Axis 3 : GIS as essential levers for the management of the city ;

- Waste management ;
- Organisation of transport
- Management of major risks (natural and technological) ;
- Monitoring of urban sprawl, land consumption, desertification....etc.
- GIS for the analysis of security and delinquency in urban areas

Axe 4 : Nouveaux outils, nouvelles pratiques pour une ville intelligente (applications géoweb).

Instructions to Participants

1. Title (Times New Roman, 14, Centered, Bold)
2. Names of authors (Times New Roman, 12, Centred, The speaker in bold)
3. Affiliations and contact details (Times New Roman, 12, Centred, Italics)
4. Type of communication (Oral or Displayed)
5. Body of the abstract (Times New Roman, 12, Justified, 300 words, max)
6. Keywords (Times New Roman, 12, Justified, 6 words max)
7. languages used : Arabic, French and English

Registration & important dates

- Receipt of abstracts: from ~~01/05/~~ to 30/06/2021
 - Notification of acceptance: from 05/09/2021.
- **Receipt of abstracts: from 01/05/ to 31/07/2021**
- **Notification of acceptance: from 15/09/2021.**

Registration fees

Presential :

The fee covers documentation, coffee breaks and meals.

- Teacher-researcher :4000 DA
- Professionals: 5000 DA
- Students: 2500 DA

Online : (Google Meet)

The fee covers documentation

- Teacher-researcher and Professionals: 2000 DA
- Students: 1500 DA

Contacts

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