



# Short presentation of the GEOMAG project & its main achievements

## Capacity Building in Geomatics Applied to Agriculture and Environment in Tunisia

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## **General objective:**

**Contribute to the improvement of the management and development of natural resources, agricultural areas and their production in Tunisia.**

## **Specific objectives :**

- 1. Strengthen the capacities of professionals working in the fields of agriculture and the environment through the consideration of geomatics in an operational and systematic manner;**
- 2. Improve the networking of higher education institutions, research institutes and professionals between Tunisia and EU Member States in the field of geomatics.**

# Activities

- **Analysis of existing and needs assessment**
- **Design and develop adapted training (FI and FP) and experiment with them: pedagogical engineering**
- **Growing geomatics skills applied to agriculture and the environment**
- **Ensure the creation / consolidation of the geomatics skills network**

# Consortium



UNIVERSITATEA DE ȘTIINȚE AGRONOMICE  
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# Modules

Module
FI-SIG
FI-TTI
FI-ASP
FI-ATP
FI-Webmapping
FI-RCI
<b>FI-GRE</b>
FI-Big Data and Cloud Computing
FI-QDM
<b>FI-GRI</b>
FI-PP
<b>Total TN students involved in 20/21 et 20/22 : 2122</b>

# FP modules for professionals

**Initially, the project planned to carry out three training modules intended to be given in short training courses to professionals:**

- A sensitization module (wide audience) FP-SE**
- FP-GA module: for geomatics professionals to improve their skills**
- FP-FOR for Geomatics trainers to build their capacitymodule**

# Experimentation of Modules intended from the beginning of the project for professionals

Nom Module	Public Cible		
FP-SE	Module to raise awareness of the importance of geomatics in decision support in the management of resources, agricultural spaces and productions and the environment		
FP-GA1 (TTI)	Geomatics professionals who want to increase their skills in Remote Sensing and Digital Image Processing		
FP-GA3 =FI-WebMapping	Geomatics professionals who want to acquire competence in Web Mapping		
FP-GA2 (SIG/ASP)	Engineers and technicians from the Ministry of Agriculture and farmers breeders from the livestock office, the DGPA, the CRDA		
FP-FOR	Geomatics trainers who want to increase their skills in the field		
Raising awareness of the importance of geomatics in agriculture and environment.	Broad audience of decision-makers and future decision-makers with different levels of competence		

Module Group	Value
FP-SE, FP-GA1, FP-GA3	245
FP-FOR, Raising awareness	135
<b>Total</b>	<b>380</b>

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**Thank you for your attention**