



**Periodical Report  
12 Months of project  
implementation**

**New Curricula in  
Precision Agriculture  
Using GIS Technologies  
and Sensing Data**

**IBN KHALDOUN TIARET UNIVERSITY UIKT**



Co-funded by the  
Erasmus+ Programme  
of the European Union

Joint Project: Capacity Building in the Field of  
Higher Education ERASMUS+ 2018

**By: UIKT Group**

# 1. Activities after Berlin training

## List of Berlin training participants

- Prof. Oulbachir Karima
- Prof. Bouchenafa Nadia
- Prof. Dellal Abdelkader



# 1. Activities after Berlin training

Trainees have reported that :

- the training was done in good circumstances.
- After their coming back, Prof. Oulbachir. K, Prof. Bouchenafa. N and Prof. DELLAL. A, took in charge a planning of a series of conferences to cover and transfer all the scientific knowledge that they had in Berlin.
- Each one of them is programmed in a continuous schedule to present the outcomes of the training, depending of their field of expertise



# 1. Activities after Berlin training

Prof. Oulbachir. K was the first one to start the conferences series:



# 1. Activities after Berlin training



Additional information was sent by the colleagues via google drive link .



# 1. Activities after Berlin training

Mardi 10/09/19	<u>Conference 01</u> : - Methods of geoinformation Sciences GIS -GIS and spatial Databases
Mardi 24/09/19	<u>Conference 02</u> : -Yield sensor for precision agriculture
Mardi 08/10/19	<u>Conference 03</u> : Basics and methods of soil physical properties and its evaluation
Mardi 22/10/19	<u>Conference 04</u> : GNSS radio-occultations: Processing at GFZ and applications for weather and climate researches
Mardi 05/11/19	<u>Conference 05</u> : Precisions agricultures -Characteristics technologies; economic efficiency, Optimal use for resources -Development of the academic content and methodology



## 2. Teaching materials and existing courses to update

**See joint file: Appendix 1**



## 3. New curricula

**See joint file: Appendix 2**





## 4. Accreditation process

The new MA degree accreditation process must go through the following steps:

3. validation of the master curricula at the departmental scientific committee .....(20/01/20)
4. validation of the Master's course at the Scientific Council of the Faculty of Nature and Life Sciences.....(28/01/20)
5. validation of the Master's course at the Scientific Council of Ibn Khaldoun University of Tiaret.....(04/02/20).
6. CRUO (Conference of the Regional West Algerian Universities...**March 2020**
7. validation of the master plan at the Ministry of Higher Education and Scientific Research.....**July 2020**



## 4. Quality assurance

### 1- List of the Quality indicators for courses/modules/curricula:

- Peer reviewers
- Contribution of socioeconomic partners /conventions
- Participation of teachers involved in training in curricula preparation
- Number of interested students (Survey).
- Material resources made available to the training team
- Information on the website

### 2- List of peer reviewers of the future new curricula:

To be communicated later.



# Quality assurance

## 3- Work plan of Quality group from December 2019 to May 2020

Actions	Responsible	Resources
Assess visibility, clarity and attractiveness of training	QA Group	survey
Assess adequacy of access conditions with the objectives of the training	Coordinator project	Training Team
Collection and analysis of data	QA Group	Accompaniment and monitoring
Internal review of the curricula	Coordinator project	Peer reviewers
Meeting with the members of the University QA Unit	Responsible of QA	Meeting
Development of quality indicators for curricula	Responsible of QA	Meeting
Curricula Evaluation	QA Group	Self assessment
updating of the group's work schedule	Coordinator project Responsible of QA	Project groups



## 5. Dissemination plan

1. Creation of a web page for the CUPAGIS program on the Ibn khaldoun university platform: <http://www.univ-tiaret.dz/cupagis/index.html>
2. Minutes meeting with students targeted by this new curricula.
3. CUPAGIS day to be hold at the LANZA laboratory level with socio-economic partners.
4. Updating the CUPAGIS Ibn khaldoun Facebook page.
5. SEVERAL national scientific events, yet to be held, where a CUPAGIS corner would be present to help giving more information about this program. (will be communicated later)
6. An interview is programmed with National local Tv station (Echorouk, el Bahia, University communication)
7. Copies of bilateral agreements with socio-economic partners



## 6. Brochures and leaflets

Will be communicated once the scientific events are approaching.



# 7. PASENSO

## He's installed

	Co-funded by the Erasmus+ Programme of the European Union 
IBN Khaldoun University, Tiaret 	
<b>PASENSO OFFICE</b>	
<p>Here, by the present statement, the undersigned Professor Mhamed MAATOUG, acting as coordinator of the project <b>Erasmus + Project: New curricula in Precision Agriculture using GIS technologies and sensing data (CUPAGIS)</b>, certify that Dr. Benchohra MAAMAR is a member of the project and practices within the next activity: Chief Officer of the PASENSO Office, responsible for communication and follow-up.</p>	
12. 01. 2019 UIK Coordinator,	
 Prof. MAATOUG M. Cupagis Project Coordinator Ibn Khaldoun University, Algeria	

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12. 01. 2019 UIK Coordinator,	
 Prof. MAATOUG M. Cupagis Project Coordinator Ibn Khaldoun University, Algeria	



## 8. Rooms for equipment

We have reserved a room for the equipment after a minute meeting with Pf. DELLAL A

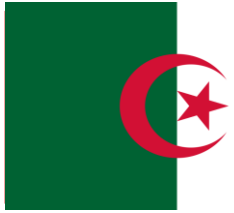


## 9. Communication and suggestions

- 1- The programs are not final. They will be enriched during meetings of the scientific bodies of the university. The final version of the outline will be ready before tabling it at the regional conference of Algerian universities, around the month of March 2020.
- 2- The transversal and discovered units are being prepared.
- 3- There is the problem of budget. We have not received the budget yet.
- 4- We propose that part of the budget be devoted to the functioning (accessories of the printers, papers ... etc)







Thank you for you attention!

**Prof. M MAATOUG**

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