



Periodical Report
6 Months of project
implementation

New Curricula in
Precision Agriculture
Using GIS Technologies
and Sensing Data

**ECOLE NATIONALE SUPERIEURE AGRONOMIQUE
(ENSA, ALGIERS)
SOIL SCIENCE DEPARTMENT**

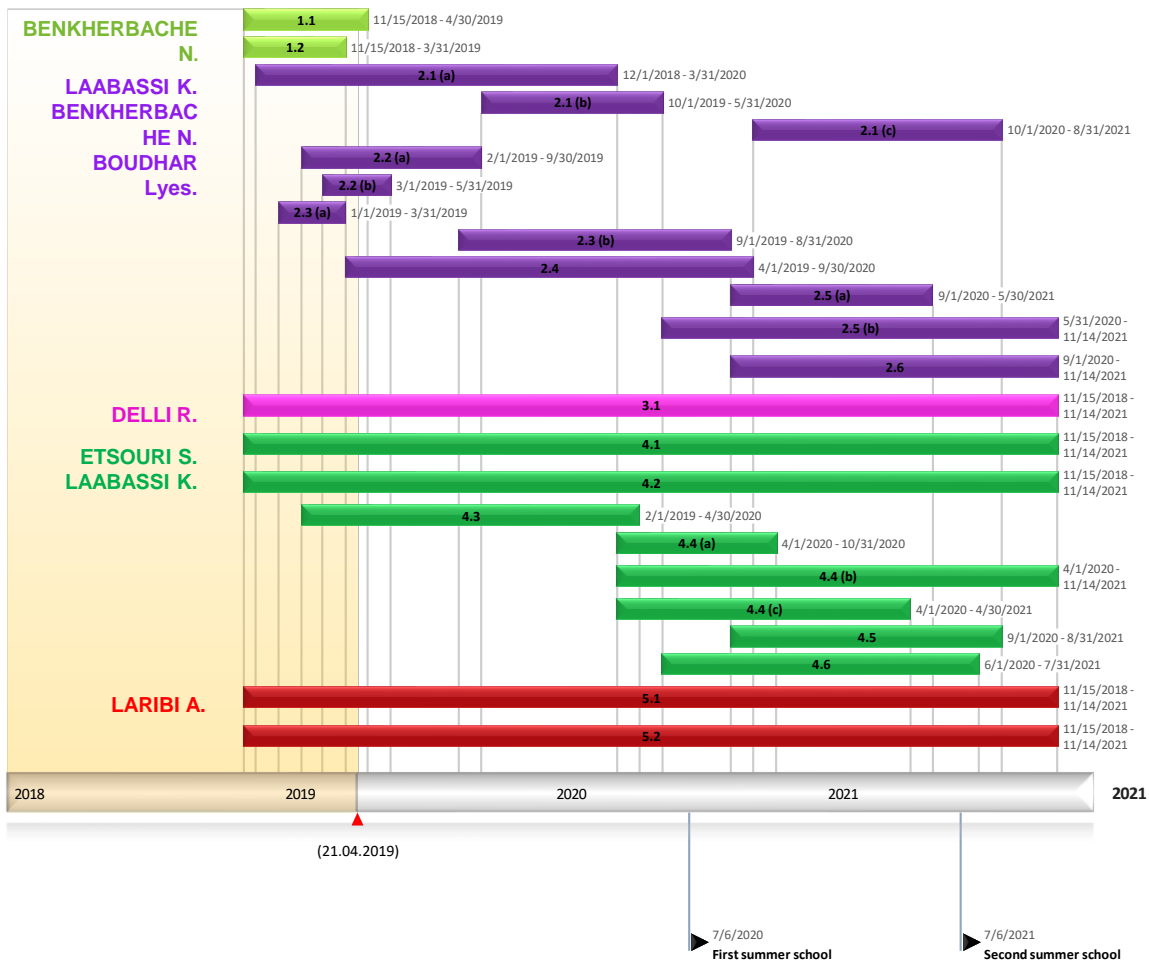


Co-funded by the
Erasmus+ Programme
of the European Union

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

Dr. Laribi Abdelkader

Work plan



Work group

N°	Titre	Responsable
WP01	Review of the current curricula for BA/MSc	Mrs. BENKHERBACHE Nadjat
WP02	Prepare a set of new core curricula	Mr. LAABASSI Karim
WP03	Strategy assurance quality / quality plan (QP)	Mr. DELLI Réda
WP04	Project dissemination and communication plan	Mr. ETSOURI Salim
WP05	Management project	Mr. LARIBI Abdelkader

Courses to update

For administrative reasons, we are studying the possibility of creating new programs in PA (Master). Among the modules that can be updated :

- **Aerial Photointerpretation and Remote sensing (30 h), course taught in Agricultural Hydraulics.**
- **Geographic Information System (30 h), course taught in Agricultural Hydraulics.**



Criteria for teacher selection for trainings

- **Age till 57 years (preferable),**
- **Academic degree (from lecturer to Professor)**
- **Knowledge of English – at least intermediate level**
- **Motivation and commitment to participate in the project**
- **Professional competence area coincides with subject domain at least of 1 discipline of the project**
- **Experience of teaching not less than 5 years**



Teacher that will develop new courses

Regarding this first training the teachers who will be involved in the development of the new courses are:

- Mr. ETSOURI Salim
- Mr. BOUDHAR Lyes
- Mr. LARIBI Abdelkader



Equipment & Software

The persons who will be responsible for the equipment purchase and software installation are:

- **Mr. LAABASSI Karim**
- **Mr. ETSOURI Salim**
- **Mr. LARIBI Abdelkader (Coordinator)**



Dissemination plan

For more details see file on [dissemination strategy](#)

- CUPAGIS ENSA Email
- ENSA website
- Media / Social Media
- Press releases
- Meetings schedule
- Conference / presentations

Events / workshops



Dissemination plan

ENSA plans to carry out two events by the end of 2019



1-Preparation of an open day on the CUPAGIS project at the ENSA.

2-Preparation of a workshop on the application of Geographic Information Systems (GIS) and remote sensing in agriculture (October 2019).



Non-consortium organizations



LIST OF NON ACADEMIC PARTNERS AND ORGANIZATIONS

CDER (UDES) – INCT – Service FIE – ORUS – CDTA – CRTI – ONID – ONM – CeviAgro – MADRP (INRAA, INSID, OAIC, ITGC...)



Implemented dissemination activities



ENSA | Messagerie ENSA :: Bienvenue | www.ensa.dz | Recherche

Google | Google Traduction | Gmail | www.ensa.dz | Dreamstime | Google Scholar | Research Gate | Catalogue bibliothéq... | Openclassrooms | PKP SIGRE'2018 | FabLab Group | CUPAGIS

Annuaire des Enseignants | Plan du site | Contacts | f | t | y | in | RG | Recherche ...



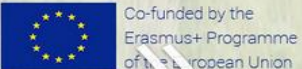
RÉPUBLIQUE ALGÉRIENNE DÉMOCRATIQUE ET POPULAIRE
MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE SCIENTIFIQUE
ECOLE NATIONALE SUPÉRIEURE AGRONOMIQUE
KASDI MERBAH

Ecole | Graduation | Post Graduation | Départements | Recherche | Relations Extérieures



New Curricula in Precision Agriculture Using GIS Technologies and Sensing Data

2018.2019.2020.2021
597962-EPP-1-2018-1-EE-EPPKA2-CBHE-JP



Capacity Building in Higher Education | Joint Project Curricular Reform



www.cupagis.eu

Implemented dissemination activities



The screenshot shows a web browser window with the URL www.ensa.dz/projet-erasmuscupagis/. The browser's address bar and search bar are visible. The website's navigation menu includes: [Annuaire des Enseignants](#), [Plan du site](#), [Contacts](#), [f](#), [t](#), [y](#), [in](#), [RG](#), and [UniRank](#). The main content area displays the ENSA logo and the following text: **RÉPUBLIQUE ALGÉRIENNE DÉMOCRATIQUE ET POPULAIRE**, **MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE SCIENTIFIQUE**, **ECOLE NATIONALE SUPÉRIEURE AGRONOMIQUE**, and **KASDI MERBAH**. A secondary navigation bar contains: [Ecole](#), [Graduation](#), [Post Graduation](#), [Départements](#), [Recherche](#), and [Relations Extérieures](#). The breadcrumb trail at the bottom reads: [ENSA](#) » [Actualités](#) » [Projet ERASMUS+CUPAGIS](#).

Projet ERASMUS+CUPAGIS

New Curricula in Precision Agriculture Using GIS Technologies and Sensing Data

Le projet **CUPAGIS** de **ERASMUS+** vise à moderniser les programmes d'enseignement de l'agriculture de précision à l'aide de nouvelles technologies, telles que les Système d'Information Géographique / SIG, les Big Data et la télédétection.

Cette modernisation sera réalisée en analysant et en actualisant les programmes existants en fonction des besoins éducatifs et en développant de nouveaux programmes certifiés en fonction

MESSAGERIE

Etudiants



Enseignants
& Personnels



Calendrier Pédagogique

Implemented dissemination activities












Facebook interface showing the profile of Cupagis.ensa.dz (@ENSA.CUPAGIS.Team). The profile picture is a circular logo with a satellite and the text 'CUPAGIS'. The cover photo features a large green laurel wreath with a satellite in the center, the text 'CUPAGIS', and the years '2018 2019 2020 2021' with the reference number '597962-EPP-1-2018-1-EE-EPPKA2-CBHE-JP'. Below the cover photo is a blue button labeled 'Learn More'. The left sidebar shows navigation options: Home, Posts, Reviews, Videos, Photos, About, Community, Groups, and Offers. The main content area includes a 'Create' section with options for Live, Event, and Offer, and a 'Write a post...' input field. The right sidebar contains a section titled 'Know any friends who might like your Page?' with a search bar and an 'Invite' button for a user named 'Yous Raf'.

Implemented dissemination activities

Your 5 Most Recent Posts

■ Reach: Organic/Paid
 ■ Post clicks
 ■ Reactions, comments & shares

Published	Post	Type	Targeting	Reach <small>i</small>	Engagement	Promote
24/05/2019 10:37	 Cupagis.ensa.dz added a button to help you learn more about them.			78 ■	9 7	Boost Post
24/05/2019 10:22	 Réunion CUPAGIS.ENSA du 22 mai 2019			422 ■	348 198	Boost Post
22/05/2019 12:55				83 ■	9 8	Boost Post
17/05/2019 08:00	 Le projet CUPAGIS de ERASMUS+ vise à moderniser les programmes			196 ■	1 12	Boost Post
17/05/2019 06:46	 Cupagis.ensa.dz updated their business hours.			58 ■	3 7	Boost Post

[See All Posts](#)

Implemented dissemination activities

Page Likes

8 May - 4 June

235

Page likes ▲ 100%



Post reach

8 May - 4 June

560

People reached ▲ 100%



Recommendations

8 May - 4 June



We have insufficient data to show for the selected time period.



Post engagements

8 May - 4 June

633

Post engagement ▲ 100%



Videos

8 May - 4 June



We have insufficient data to show for the selected time period.



Page followers

8 May - 4 June

235

Page followers ▲ 100%



Implemented dissemination activities

Link to the project webpage

<http://www.ensa.dz/projet-erasmuscupagis/>

<https://www.facebook.com/EnsaAlger/>

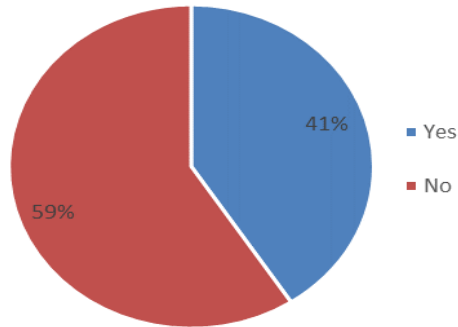
<https://www.facebook.com/ENSA.CUPAGIS.Team/>



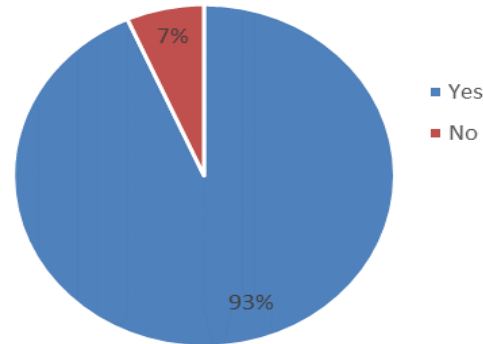
Questionnaire for students

For more information about the questionnaire analysis, see the corresponding file.

5- Do you know the CUPAGIS project :



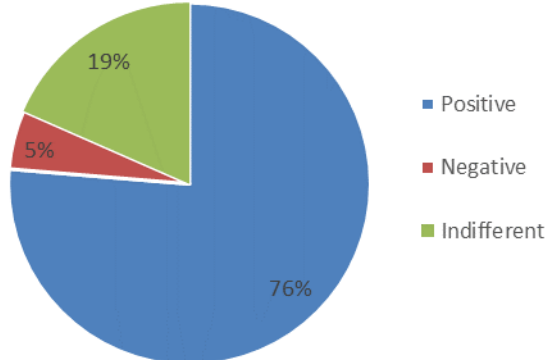
18-The project CUPAGIS is based on years of European experience. In this regard, do you consider it right to use it in the modernization of the teaching process?



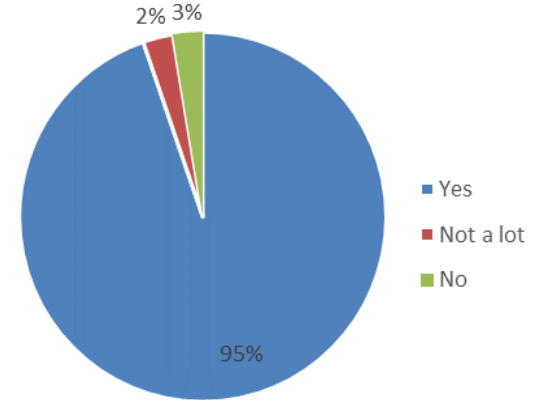
Questionnaire for students

For more information about the questionnaire analysis, see the corresponding file.

17- What do you think about the participation of your University in international projects along with the leading European universities?



23- Are you interested to get more information about the purpose, objectives and the scope of the CUPAGIS project?



Quality Assurance Plan

An internal quality assurance (draft) plan has been drafted detailing the control mechanisms and procedures. The purpose is to monitor and evaluate the implementation of the planned activities of the Project.



Name, Surname	Occupation	Organization	Contact info (email)
Mr. DELLI Réda	Teacher (Manager WP4)	ENSA, Algiers	r.delli@ensa.dz
Mr. BOUDHAR Lyes	Teacher	ENSA, Algiers	l.boudhar@ensa.dz

The ceation of PASENSO office is under study and in progress.



Communication

- **Communication with Algerian Universities** is made mainly from emails and personal meetings. To date, two meetings have been organized (Oran and Mostaganem, June 2019).
- **Communication with EU partners** is made mainly from emails.
- **Communication with the Coordinator (P1)** is made mainly from emails. In addition to this type of communication a first face-to-face meeting was also organized at TTU (kick-off meeting of the CUPAGIS-ERASMUS Project, February 2019).



Additional information

- **More details about the PASENSO objectives are required.**
- **More information about the list of equipment that will be received as part of the CUPAGIS Project.**
- **Feedback on the QA plan submitted for review.**





Thank you for you attention!



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Dr. Laribi Abdelkader
Head of Soil Science Department
(email: abdelkader.laribi@edu.ensa.dz)
Mobile phone: 00213697892386