



Dissemination Activities 2020

New Curricula in
Precision Agriculture
Using GIS Technologies
and Sensing Data

University of Oran1 Ahmed Ben Bella
Fac. Life/Nature Sciences / Fac. App/Exact Sciences



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

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

Dissemination activities

1. Visits of CUPAGIS project partners
2. Participation / conference on “smart farming” (28/01/2020)
3. Dissemination with Algerian Centre on Space Technologies (CTS/ASAL) – Erasmus days 15/10/2020
4. CUPAGIS meetings

Visits of CUPAGIS project partners

- September – October – November 2019:
Visits of Algerian centre for space technologies CTS/ASAL



Participation / conference on “smart farming” (28/01/2020)

Participation to a conference on “smart farming” (28/01/2020)

FB page:

<https://www.facebook.com/Cupagis-Oran1-University-454383688459311>



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

Nouveaux Programmes de Formation en Agriculture de Précision Exploitant les Technologies des SIG et de la Télédétection

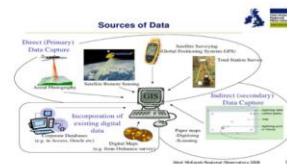
2018-2021 Site web du projet : www.cupagis.eu

Présentation Du Projet

Le projet CUPAGIS s'intéresse au développement et à la modernisation des programmes de formation en agriculture de précision, en exploitant les technologies des systèmes d'information géographique, du big data (données volumineuses) et de la télédétection. Les universités cibles proposeront de nouveaux programmes de formation nouveaux dans les deux cycles, licence et master, en adéquation avec l'état de l'art du domaine de l'agriculture de précision, les demandes du marché, et conformément au processus de la mise en œuvre du système LMD.

Objectifs

- Revoir les programmes actuels de Licence et de Master en agriculture de précision en Algérie
- Elaborer et adopter des lignes directrices sur les stratégies d'enseignement pour les nouveaux programmes de formation en AP
- Concevoir de nouveaux programmes de Licence et de Master
- Développer, mettre en œuvre et accréditer de nouveaux modules fondamentaux et transférables dans le contexte d'un apprentissage innovant, selon la spécificité local des enseignements
- Actualiser les programmes de Licence et de Master dans la zone cible
- Développer et mettre en place de nouveaux environnements d'enseignement et d'apprentissage innovants, en considérant la nature agricole du pays
- Rapprocher les établissements d'enseignement supérieur du marché du travail



Dissemination – Erasmus Days 15/10/2020

- Cooperation with Algerian Centre on Space Technologies (CTS/ASAL)
- Target Audience: Teachers and students from the faculty of life and nature sciences and the faculty of applied and exact sciences.
- Number of participants: ~ 60

Dissemination – Erasmus Days 15/10/2020

Conference

Cooperation with Algerian Centre on Space Technologies (CTS/ASAL)



The Erasmus open day will held on October 15th, 2020 at Oran 1 University. The main objective of this event is to introduce and give information about Erasmus mobility and projects, also institutions involved with Oran1 University in the framework of Erasmus.

The program of this event includes :

- Disseminations seminars of CBHE Erasmus + projects on the field of remote sensing and precision agriculture. Invited speakers from Space Techniques Center (STC) of Arzew
- Success story told by former students and researchers that have benefited from Erasmus grants and mobilities'.
- Exhibition about projects and Erasmus exchange



Erasmus Day at ORAN 1 University - OCTOBER 15th 2020
Spatial Techniques Conferences - Place : Talahit Amphitheater
Conferences Program

Morning program

- 9:00 am Opening welcome word : Rector of Oran1 University, Director of Spatial Techniques Center
- 9:15 am program presentation: Vice Rector of External Relations
- 9:30-9:45 am Moussa Sofiane KAROUJ

Missions, responsibilities and the main technological applications and achievements developed by the Algerian Space Agency

- 9:50-10:05 am Farah BENHARRATS
Introduction to spatial remote sensing and its applications
- 10:10-10:25 am Mohammed El Amin LARABI
- 10:30-10:45 am Fatima Zahra BENHALOUCHE
Fusion of remote sensing images
- 10:50-11:10 am Coffee break
- 11:10-11:25 am Djamel MANSOUR
Agricultural Inventory, estimation of areas and yields by use of the spatial tool
- 11:30-11:45 am Khelifa DJERRIR
Cloud computing for global-scale earth observation data and analysis
- 11:50-12:05 pm Issam BOUKERCH
Geographic Information Systems for Sustainable Development
- 12:10-12:25 pm Khedidja BELBACHIR
Spatial data infrastructures

Afternoon Program

- 2:00 – 4:00 pm Erasmus Through social media exchange

Dissemination – Erasmus Days 15/10/2020: Photos

Conference organized with Algerian Centre for Space Technologies (CTS/ASAL) - 15/10/2020



Dissemination – Erasmus Days 15/10/2020: Photos

Conference organized with Algerian Centre for Space Technologies (CTS/ASAL) - 15/10/2020



CUPAGIS meetings

We conducted numerous presential and distant meetings:

- Oran1 local meetings
- National meetings

26/11/2019 - Oran 1 local meeting: Finalization of the curricula.

05/12/2019 – All partners meeting: Discussion on the coming deliverables of the project.

13/12/2019 – All partners meeting: Quality assurance.

08/02/2020 – National meeting: VCR equipment, number of teachers for Plovdiv and CUL trainings.

11/02/2020 - Oran 1 local meeting: Update of the curricula to conform with national regulations.

26/03/2020 – All partners meeting: Future activities in the context of COVID'19 and cancellation of the programmed trainings at AU Plovdiv and CZU Prague.

06/04/2020 – National meeting: Discussion on sensors equipment, first list sent to EU coordination.

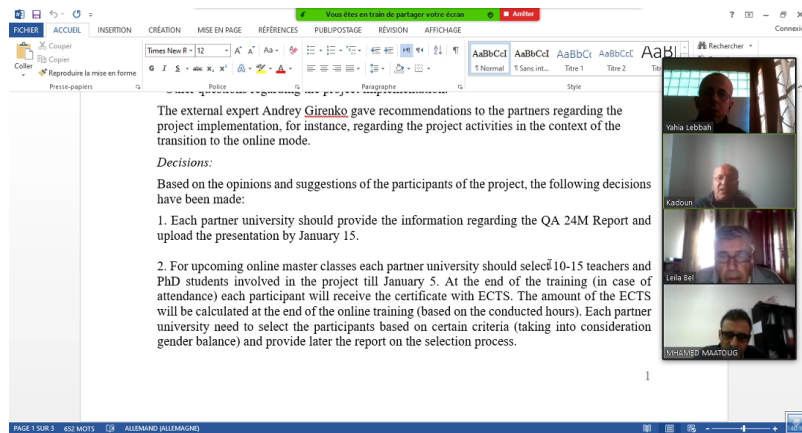
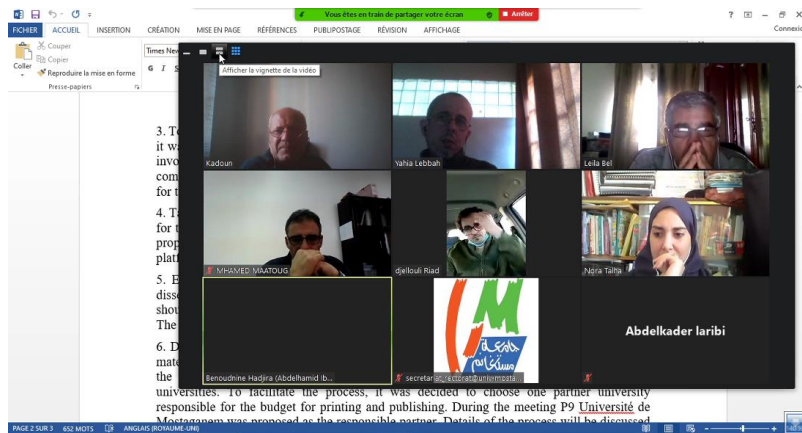
CUPAGIS meetings

- 09/04/2020 – All partners meeting: Equipment, first list sent after EU meeting.
- 19/04/2020 – National meeting: Approve the list sent by Pr Soomere.
- 19/06/2020 – All partners meeting: Quality report of the external expert Dr. Girenko and future tasks concerning the project.
- 25/04/2020 - Oran 1 local meeting: Approve the equipment list.
- 27/06/2020 - Oran 1 local meeting: Discussion on launching the curricula in the context of COVID'19.
- 27/06/2020 – National meeting: Discussion on proposing our curricula to peer-reviews.
- 29/06/2020 – All partners meeting: Discuss the academic content of the courses. The peer-review of the developed teaching material is crucial for the development of the courses.
- 07/07/2020 – National meeting: Erasmus monitoring.
- 29/07/2020 - Oran 1 local meeting: discussion on the remote sensing equipment and the possibility to get the drones.

CUPAGIS meetings

- 03/08/2020 – All partners meeting: teaching materials, additional equipment sent by Berlin partner.
- 05/08/2020 – National meeting: Equipment, peer-reviews, importance to address a letter to our ministry of higher education to get the permission for drones acquisition
- 10/08/2020 – All partners meeting: Discuss peer-reviews with European partners (Plovdiv, CUL).
- 19/08/2020 – All partners meeting: Equipment approved with drones acquisition.
- 22/09/2020 – National meeting: New national coordination. Discuss the current sensors equipment list.
- 20/10/2020 – National meeting: Erasmus monitoring.
- 27/10/2020 – National meeting: Discuss the difficulties to get the drones.
- 05/11/2020 – National meeting: Set the equipment list without drones acquisition.
- 11/11/2020 – All partners meeting: Set the equipment list without drones acquisition.

CUPAGIS meetings: photos





Thank you for you attention!

Prof. Yahia Lebbah, Prof. Moulay Belkhodja
University Oran, Algeria
ylebbah@gmail.com



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