MUSTAPHA LATEB

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INTRODUCTION

I use Satellite Remote Sensing and GIS, Image processing, Machine Learning, Statistics, Timeseries Analysis in order to solve Ecolocal issues, mainly Landcover change and Forestfire mapping. Focuse is on Open Source solutions, Python geospatial libraries, QGIS, linux, Version controle systems. Commercial tools are also used.

I'm currently working as **researcher** at *Mediterranean Agronomic Institute of Chania* MAICh.

WORK EXPERIENCE

Researcher at the *Geoinformation in Environmental Management* departement, *Mediterranean Agronomic Institute of Chania* MAICh.

COMMUNICATION AND ORGANISATION

Used to work in multicultural and multidisciplinary teams. Open to new ideas and challenges. I was in the organising committee of the following conferences:
* 38th Annual EARSeL Symposium

* 11th EARSeL Forest Fires SIG Workshop

OTHER WORK EXPERIENCE

During two years I worked
* Mar 2013-Sep 2013 : **Energy Steward** at Aldaph (Novo Nordisk A/S),TO, Algeria
* Nov 2011-Feb 2013 : **Quality Assurance Technician** at Aldaph (Novo Nordisk A/S),TO, Algeria

Novo Nordisk A/S - Global healthcare company headquartered in Denmark.

EDUCATION

* 2016 - current : *PhD student*, **Geoinformation applied to Plant Ecology**, UMMTO, Algeria
  Topic: Multitemporal landcover mapping

* 2013 - 2016 : *M. Sc. Degree (2 years)*, **Geoinformation in Environmental Management**, MAICh, Greece
  Thesis topic: " Development of an object-based classification model for monitoring treeline shifting, using aerial photography"

* 2011-2014 : *Magister degree (2 years)*, **Applied Plant Ecology and Environmental Management**, UMMTO, Algeria
  Thesis topic: " Study of oak hybridisation using Geometric Morphometric (Landmark Method)"

* 2006 - 2011 : *Ingénieur d'Etat (5 years)*, **Plant ecology and Environment** UMMTO, Algeria
  Thesis topic: " Inventory of oak gallings and evaluation their impact on forest stands"

* 2008 - 2011 : *Senior Technician (3 years)*, **Database Management** INSFP, Algeria

Thesis topic: " Creation of a Dynamic Website "

PROGRAMMING SKILLS

Geospatial processing: Python (rasterio, pandas, numpy, matplotlib,seaborn, geopandas, shapely, ...)
Database: SQL
Version controle: Git, GitHub
Web design: HTML , CSS, Markdown
Softwares: QGIS, eCognition, ArcGIS, ERDAS, MapInfo
Operating systems: Linux & Windows

LANGUAGES

- **Kabyle :** Mother tongue
- **English:** Fluent
- **French:** Fluent
- **Arabic:** Fluent
- **Greek:** Beginner