

# MUSTAPHA LATEB

Website: [mlateb.github.io](http://mlateb.github.io) | GitHub: [mlateb](https://github.com/mlateb)  
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## INTRODUCTION

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

## WORK EXPERIENCE

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- Jan 2017- Current : **Researcher** at the *Geoinformation in Environmental Management* departement, *Mediterranean Agronomic Institute of Chania MAICh*.
- During two years I held two positions at [Aldaph-NovoNordisk](http://aldaph-novonordisk.com), a global healthcare company:
- 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

## EDUCATION

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- 2016 - current : *PhD student*, **Geoinformation applied to Plant Ecology**, Mouloud Mammeri University of Tizi-Ouzou MMTO, 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 "

## ORGANIZATIONAL SKILLS

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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](#)

## PROGRAMMING SKILLS

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**Geospatial processing**: [Python](#) (Rasterio, Pandas, Numpy, Matplotlib, Seaborn, geopandas, Shapely, ...)  
**Version controle**: Git, | **Database**: SQL | **Web design**: HTML , CSS, Markdown  
**Softwares**: QGIS, eCognition, ArcGIS, ERDAS, MapInfo  
**Operating systems**: Linux & Windows

## LANGUAGES

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