

# 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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Graduated, both, in **Ecology** and in **Geoinformation**. My research is mainly on Landcover change and forest fire mapping using satellite Remote Sensing and GIS.

Fan of **Data science**, I like to investigate new Image Processing, Machine Learning, Statistics and Timeseries Analysis techniques.

My most used tools are Python and its Geospatial libraries, QGIS, Bash, SQL, HTML, CSS and Git.

## WORK EXPERIENCE

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- Jan 2017- current : **Researcher** at the *Geoinformation in Environmental Management* departement, *Mediterranean Agronomic Institute of Chania MAICh*.
- Mar 2013-Sep 2013 : **Energy Steward** at *Aldaph-NovoNordisk*, Tizi-Ouzou, Algeria
- Nov 2011-Feb 2013 : **Quality Assurance Technician** at *Aldaph-NovoNordisk*, Tizi-Ouzou, Algeria

## EDUCATION

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- 2016 - current : *Doctoral candidate*, **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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I was member of the organising committee of the two following international conferences:

- 38th Annual EARSeL Symposium on Earth Observation Supporting Sustainability Research 9-12 July 2018 Chania, Crete, Greece
- 11th EARSeL Forest Fires SIG Workshop on New Trends in Forest Fire Research Incorporating Big Data and Climate Change Modeling 25-27 September 2017, Chania, Greece

## PROGRAMMING SKILLS

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- **Geospatial processing:** Python (*MITx 6.00.1x certificate*) (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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- **Kabyle :** Mother tongue
- **English:** TOEFL ITP
- **French:** Fluent
- **Arabic:** Fluent
- **Greek:** Beginner