

# Mustapha Lateb

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GitHub: <https://github.com/mlateb>  
Stackoverflow: <https://stackoverflow.com/cv/mlateb>  
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Adress: Chania, Greece

## CURRENT POSITION

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

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 controle** systems. Commercial tools are also used.

## PROGRAMMING SKILLS :

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**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

## EDUCATION

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- 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 "

## COMMUNICATION AND ORGANISATION

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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

## OTHER WORK EXPERIENCE

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- 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.

## LANGUAGES

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