



Lama Moualla



✉ **Email address:** lama.moualla@phd.unipd.it

📍 **Address:** Padova, 35131 PD (Italy)

EDUCATION AND TRAINING

Ph.D. Candidate

"Giuseppe Colombo" University Center for Space Studies and Activities - CISAS [10/2020 – Current]

Address: Padova Via Venezia 15, 35131 PD (Italy)

<https://cisas.unipd.it/>

Thesis: Prevention of Potential Catastrophes Depending on Interferometric Radar and Artificial Intelligence

Scholarship Winner

Civil Engineering Master's degree

Aleppo University [01/2011 – 08/2015]

Address: Aleppo (Syria)

Field(s) of study: Geographical Information Systems GIS, Remote Sensing, Advanced Mathematics and Mathematical Modelling

Thesis: Using of Geographic Information Systems to Establish Sensitivity Mapping ATLAS for Coastal Cities

Civil Engineering Bachelor's degree

Aleppo University [09/2005 – 08/2010]

Address: Aleppo (Syria)

<https://alepuniv.edu.sy/>

Physics for Engineering, Informatics for Engineering, Geometric Geology, Geodesy, Computer programming and Applications, Geographic Information Systems, Cartography, Project management and organization, Computer-aided solving of Geodesy problems

WORK EXPERIENCE

Lecturer at Topography Engineering Department

Faculty of Civil Engineering, Tishreen University [02/2012 – 06/2020]

City: Latakia

Country: Syria

- Taught many Geomatic courses for civil engineering, architecture and geology students
- Supervised on student groups to do a cadastral survey using different surveying instruments

Volunteer at the Syrian trust for development

The Arab Cultural Center [10/2011 – 12/2011]

City: Latakia

Country: Syria

- Guided teenage groups to achieve small contributing projects for developing their city
- Organized a computer literacy basics workshop for the elderly which included calling candidates, preparing lecture sessions and ending up with a distribution of symbolic certificates

Engineer at Directorate of Engineering Affairs

Tishreen University [09/2011 – 12/2011]

City: Latakia

Country: Syria

- Formed receiving committees for Tishreen University's modern constructions
- Carried out maintenance for all Tishreen University's equipment

Lecturer at Topography Engineering Department

Faculty of Civil Engineering, Aleppo University [02/2011 – 06/2011]

City: Aleppo

Country: Syria

- Taught Geomatic courses for civil engineering students
- Supervised on student groups to implement basic surveying applications using surveying instruments

LANGUAGE SKILLS

Mother tongue(s):

Arabic

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Italian

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

DIGITAL SKILLS

Programmin language PYTHON / Microsoft Office: Word, Excel, Access, Power Point, Outlook. / Erdas Imagine / GIS software: ArcGIS, QGIS / Proficient User of MATLAB / Geomedia / Visual Basic Programming / High ability to use AutoCAD / High ability to use Autoland / Machine Learning and Deep Learning frameworks: Tensorflow, Keras, PyTorch / Interferometric synthetic-aperture radar InSAR

HONOURS AND AWARDS

NoR Sponsorship

European Space Agency ESA [14/07/2021]

The NoR Sponsorship aims to support research, development and pre-commercial users to innovate their working practices, moving from a data download paradigm towards a 'bring the user to the data' paradigm, considered essential for maintaining competitiveness of European data exploitation. The approved amount of the sponsorship is 10000 €.