



Address

Bucharest, Romania

Contact

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Date of Birth

February 14, 1995

SKILLS

PERSONALITY

- ✓ Empathy
- ✓ Curiosity
- ✓ Self learning
- ✓ Facilitator

SOFTWARE SKILLS

ArcGIS	●●●●●●
QGIS	●●●●●●
R	●●●●●●
WebGIS	●●●●●●
Google Earth Engine	●●●●●●
Inkscape	●●●●●●
Microsoft Office	●●●●●●

LANGUAGES

French	★ ★ ★ ★ ★ ★
English	★ ★ ★ ★ ★ ★

RESEARCH PROJETS

SusCrop- ERA-NET Cofund on SustainableCrop Production
<https://www.suscrop.eu/projects-first-call/suscap> - member team

VLAD-ALEXANDRU AMIHAESEI

EXPERIENCE

01.2019 - present

**National Meteorological Administration -
MeteoRomania, Bucharest, Romania**

<http://www.meteoromania.ro/>

Climatologist

Responsibilities:

- Analyze and interpret data obtained from meteorological stations, radar and satellite images;
- Writing of monthly climate newsletters;
- Production of monthly maps of meteorological parameters;
- Providing information to supervisors, colleagues and subordinates by phone, in writing, by email or in person.

06.2018 - 09.2018

Süleyman Demirel University, Isparta, Turkey

<http://sdu.edu.kz/en/>

Stage - Geographic Information System (GIS) ERASMUS grant

Responsibilities:

- Applications of geostatistical methods;
- Create urban heat island maps with satellite images - Modis;
- Observe the degree of urbanization thanks to satellite images

2014 - 2017

Francophone Students Association of Iasi (volunteer)

<http://asfi.ro/>

Project coordinator

Responsibilities:

- Manage and lead the project team;
- Recruit project staff;
- Development and maintenance of a detailed project plan
- write invitation letters for events (in French language)

WORKSHOPS

- ECMWF Copernicus Workshop, Virtual (09-11.06.2020) - <https://www.ecmwf.int/en/learning/workshops/ecmwf-copernicus-workshop>
- LST CCI User Workshop 2020, Virtual (05/01/2020) - <https://ws2020-lst-cci.acri-cwa.fr/>
- Bucharest Urban Climate Summer School, University of Bucharest, Bucharest, Romania (3-6 September, 2019) - <https://icub.unibuc.ro/events/bucss2019/>
- Esri Francophone Conference, Paris, France (01-03 October, 2018), <https://sig2019.esrifrance.fr/>
- The GIS Camp (Geographic Information System) ", Paraul Rece, Brasov (07- 09 April, 2017) -<http://infoub.unibuc.ro/2017/03/asociatia-studentilor-geografii-organizeaza-tabara-de-gis-geographic-information-system/>

SCIENTIFIC WORK

- Cheval, S.; Dumitrescu, A.; **Amihăesei, V.-A.** Exploratory Analysis of Urban Climate Using a Gap-Filled Landsat 8 Land Surface Temperature Data Set. *Sensors* 2020, 20, 5336
<https://doi.org/10.3390/s20185336>.
- Sfiță, L., Bulai, M., **Amihăesei, VA**, Ion, C. and Ștefa, M. (2020). Weather Conditions (with Focus on UV Radiation) Associated with COVID-19 Outbreak and Worldwide Climate-based Prediction for Future Prevention. *Aerosol Air Qual. Res.* 20: 1862–1873.
<https://doi.org/10.4209/aaqr.2020.05.0206>
- **Amihăesei, V.-A.**, Apostol, L., Dumitrescu, A. (2020) An Approaching on Estimating of Snow Depth and Snow Water Equivalent. 2020 "Air and Water - Components of the Environment" Conference Proceedings, Cluj-Napoca, Romania, p. 201-212, DOI: 10.24193 / AWC2020_19.
- **Amihăesei, VA**., Sfiță, L., Apostol, L., Leahu, A.- NOx and O3 variability and its relation with weather condition in Iasi city Present Environment and Sustainable Development (2019), DOI: 10.2478 / pesd-2019- 0026
- Moise, M., Dumitrescu, A., Manea, A., **Amihăesei, VA** , Orzan, A., Breza, T., Bîrsan, MV, Bojariu, R., Guide for the treatment of climatological data, National Meteorological Administration (2019) (in romanian).
- **Amihăesei, VA** , Sfiță, L. - Correlated analysis in the concentration of nitrogen oxides and ground level ozone with weather climatic elements for the Iasi city (poster) Present Environment and Sustainable Development (2018).
- **Amihăesei, V., A.** , Sfiță, L., The influence of the meteorological parameters on the concentration of nitrogen oxides, ground level ozone and volatile organic compounds in Iasi city - Mihai David Student Symposium, Rarau, Romania (2017), [http : //enviromatica.ro/](http://enviromatica.ro/)

HOBBIES



Nature



Travel



Photography



Cycling

EDUCATION

10.2019 - present

Alexandru Ioan Cuza University, Iasi, Romania

<http://geo.uaic.ro/en/>

Doctoral School (PHD) in Geoscience

working on thesis on the modeling of the snow properties and its variability in Carpathians Mountains

2017 - 2019

Alexandru Ioan Cuza University, Iasi, Romania

<http://geo.uaic.ro/en/>

Msc. Geomatics

Degree master thesis on "Review of the climatic conditions used and based on grid data (ROCADA and ECAD)"

Main subjects:

- Analytical and Digital Cartography
- Sources and Techniques of Spatial Data Acquisition;
- Remote sensing;
- GIS and Territorial Diagnosis;
- GIS in Hydrology and Climatology

09.2018 - 01.2019

University of Orléans, Orléans, France - ERASMUS + grant

<https://www.univ-orleans.fr/>

Msc. Geomatics -Limnology-Environment-Territories

Main subjects:

- Water-Environment-Géomatics: GIS;
- Data base;
- Geomatics project management;
- Ecological and sedimentary continuity;
- Computer / Webmapping;
- Applied Geostatistics

01.2015 - 06.2015

University of Nice Sophia- Antipolis, Nice, France - ERASMUS grant

<http://unice.fr/faculte-des-sciences/>

Human Geography (Bachelor)

Main subjects:

- Territory Development;
- Statistics;
- Climatology;
- Environmental studies;
- Human science

2014 - 2017

Alexandru Ioan Cuza University, Iasi, Romania

<http://geo.uaic.ro/en/>

Geography / Hydrology and Meteorology

The bachelor thesis on the "NOx and O3 variability and its relation with weather condition in Iasi city"

Main subjects:

- Meteorology ;
- Hydrology;
- General physical and human geography;
- Climate change;
- Water resources;
- Statistics applied in climatology
- Cartography