





PERSONAL INFORMATION

Horia Vasile Domnariu



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Date of birth 20/01/1980 | Nationality Romanian

POSITION APPLIED FOR

Ph.D. Student Representative in CSUD (Consiliul pentru Studii Universitare de Doctorat în cadrul Universității București

EDUCATION AND TRAINING

2019 - present Ph.D. Student in Environmental Science

Bucharest University, Bucharest (Romania)

2017-2019 M.Sc. in Environmental Science (Overall Average Grade: 10 out of 10)

Bucharest University, Bucharest (Romania)

2015-2018 B.Sc. in Environmental Science (Overall Average Grade: 9.70 out of 10)

Bucharest University, Bucharest (Romania)

2003-2004 M.A. in Political Science

Central European University, Budapest (Hungary)

1998-2002 B.A. in Sociology

Babes Bolyai University, Cluj Napoca (Romania)

WORK EXPERIENCE

2018-present Research Assistant

National Research and Development Institute for Soil Science, Agrochemistry and Environment; https://www.icpa.ro/

Business or sector Scientific Research

Conduct fieldwork and collect soil and/or water samples; set up and run experiments; perform physical-chemical and biological analyses; Analyze data, interpret results and write reports / scientific papers.

2013-2016 Sustainability and CSR Programme Coordinator

Association for Community Relations; https://arcromania.ro/arc/

Business or sector NGO, Consultancy

Advise with developing sustainability and CSR strategies; Liaise companies with community partners; Assess performance of CSR projects; Assist companies with non-financial reporting; organize conferences and trainings.

2010-2012 Research Manager





TNS CSOP, Bucharest: Market Research agency, part of TNS group

https://www.tnsglobal.com/office/tns-csop

Business or sector Market Research; Marketing

Coordinate a team of market research project managers; liaise with major clients; design survey methodologies; process and analyze data; write and present research reports to clients.

2007-2010 National Readership Survey Project Manager

BRAT, Bucharest: Romanian Joint Industry Committee for Print and Internet (www.brat.ro)

Business or sector Market Research, Media Research, Advertising

Liaise with research providers and research clients; check data quality; integrate data into analysis and planning software; provide training and support for Sesame software (media planning tool)

2005-2007 Research Executive

OMV Petrom, Bucharest: Multinational company with activities in Oil & Gas Exploration, Production and Marketing (www.petrom.ro)

Business or sector Oil and Gas - Marketing

Identify market research needs within various departments; align research objectives with business objective; contract market research projects; provide internal clients with interpretation of survey results;

AWARDS AND RECOGNITIONS

 Graduated with Honors (Şef de Promotie) – University of Bucharest, Ecology and Environmental Protection Program (2018)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.				
C2	C2	C2	B2	B2
Replace with name of language certificate. Enter level if known.				

French

English

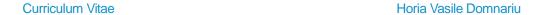
Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages

Job-related skills

- Soil sampling and preparation
- Various types of Soil Chemistry and Soil Biology analyses: organic matter, pH, water content, mineralization potential, mineral forms of nitrogen through spectrophotometric methods, microbial biomass through fumigation extraction, determination of soil enzymatic activities, quantification of ergosterol (HPLC), estimation of soil respiration (through alkali traps and titration)
- Data processing and analysis

Computer skills

- SPSS (medium)
- R (medium)
- Advanced command of Microsoft Office
- QGIS (basic)





Other skills

- Project management
- Methodology design
- Data analysis and interpretation of results
- Report writing and presentation
- Ability to translate/communicate research results to audiences with no research background

PUBLICATIONS

Păltineanu C, Vrinceanu A, Lăcătușu A-R, Lăcătușu R, <u>Domnariu H</u>, Marica D, Vizitiu O. 2020. An improved method to study solute leaching in large undisturbed soil columns near field capacity toward the groundwater in various environments. Carpathian Journal of Earth and Environmental Sciences. 15(1): 93-102.

Domnariu H, Paltineanu C, Marica D, Lăcătușu A-R, Rizea N, Lazăr R, Popa G-A, Vrinceanu A, Bălăceanu C. 2020. Influence of soil-texture on nitrate leaching from small-scale lysimeters toward groundwater in various environments. Carpathian Journal of Earth and Environmental Sciences 15(2): 301-310.

Lacatusu A-R, **Domnariu H**, Marica D, Păltineanu C, Vrinceanu A, Vladimirescu A. 2020. Modelling the movement of some mobile mydrocarbons below the crop rooting system using small-Scale lysimeters with undisturbed Soils. Revista de Chimie. 71(9): 190-201.