






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](http://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](http://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 (Șef 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	
English	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					
French	C2	C2	C2	B2	B2
Replace with name of language certificate. Enter level if known.					

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, **Domnariu H**, 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 hydrocarbons below the crop rooting system using small-Scale lysimeters with undisturbed Soils. Revista de Chimie. 71(9): 190-201.