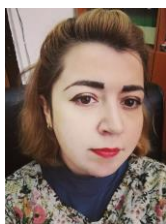


PERSONAL INFORMATION

UNGUREANU-COMĂNIȚĂ ELENA-DIANA



📍 Fântânilor Street, No.43, 700408, Iași, Romania

☎ 0744237487

✉ comanita_elena_diana@yahoo.com; ed.comanita@tuiasi.ro

🌐 https://www.researchgate.net/profile/Comanita_Elena-Diana

ResearcherID: R-6428-2016; ORCID iD: <https://orcid.org/0000-0002-3399-4756>; Publons Researcher ID: AAH-3040-2021; UEFISCDI ID (UEF-ID): U-1700-039M-4215

Date of birthday 14/05/1988 | Nationality Romanian

PERSONAL PROFILE

Graduate of Faculty of Chemical Engineering and Environmental Protection from "Gheorghe Asachi" Technical University of Iasi, with organizational and communication skills acquired through the elaboration of the PhD thesis and involvement as member in research projects in the field of *Environmental Engineering*.

PROFESSIONAL EXPERIENCE

September 2020-present

Researcher within the project PED PN-III-P2-2.1-PED-2019-5239

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://www.ch.tuiasi.ro/021prezentare.html>

Main activities and responsibilities: carrying out activities on the elaboration of monthly and half-yearly reports; collect data for to provide a consistent framework in the decision of the best choices of bioremediation processes, assessing the environmental, technical, economic and social performance of various plant-microbial-pollutant combinations through Multi-Criteria Decision Analysis (MCDA, statistical processing and analysis of results).

Type or sector of activity: Education and research

December 2018-present

PhD Engineer grade II

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://www.ch.tuiasi.ro/021prezentare.html>

Main activities and responsibilities: Identification and inventory of purchased research equipment and wear evaluation, correcting and verifying the accuracy of scientific materials, published in Romanian and English.

Type or sector of activity: Education and research

August 2017 – december 2019

Researcher within the project PCE PN-III-P4-ID-PCE-2016-0683

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://bioremip.xhost.ro/index.html>

▪ **Main activities and responsibilities:** carrying out activities on the elaboration of monthly and half-yearly reports; collect data for to provide a consistent framework in the decision of the best choices of bioremediation processes, assessing the environmental, technical, economic and social performance of various plant-microbial-pollutant combinations through Multi-Criteria Decision Analysis (MCDA, statistical processing and analysis of results).

Type or sector of activity: Education and research

July 2017 – July 2018

Patrimony Administrator debutant with higher education

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://www.ch.tuiasi.ro/021prezentare.html>

▪ **Main activities and responsibilities:** Identification and inventory of purchased research equipment and wear evaluation, correcting and verifying the accuracy of scientific materials, published in Romanian and English.

Type or sector of activity: Education and research

September 2016 – september 2018

Researcher within the BRIDGE project PN-III-P2-2.1-BG-2016-0130

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://ecoinde.3host.ro/index.html>

▪ **Main activities and responsibilities:** carrying out activities on the elaboration of monthly and half-yearly reports; collecting emission inventory data in the production process; developing the Life Cycle Assessment Analysis; elaboration of Cost - Benefit Analysis; elaboration of the Multicriteria Analysis.

Type or sector of activity: Education and research

September 2014 - April 2017

Researcher within the “ROKIDAIR project ”Towards a better protection of children against air pollution threats in the urban areas of Romania”

Valahia University of Targoviste, Romania, Dâmbovița, România, webpage: <http://fimsa.valahia.ro>

▪ **Main activities and responsibilities:** elaboration of information materials showing particularities of the effects of heavy metals, elaboration of scientific papers, participation at the scientific conferences

Type or sector of activity: Education and research

October 2013 - September 2016

PHD student (with, frequency)

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://www.ch.tuiasi.ro/021prezentare.html>

▪ **Main activities and responsibilities:** Assessment of technical, economic and environmental performance by using, tools: Life Cycle Assessment Analyze Cost – Benefit Multi-Criteria Analysis for decision making in sustainable use of organic waste as resources and energy; Elaboration of PhD Thesis with the title: *Tools for decision making in the sustainable use of waste as materials and energy resources*, **PhD thesis coordinator: Professor Maria Gavrilescu.**

Type or sector of activity: Education and research

February 2016 - April 2016

PhD student in ERASMUS + mobility

University of Bologna ALMA MATER STUDIORUM, DICAM, Italy (mentor Professor Alessandra Bonoli, PhD thesis coordinator: Professor Maria Gavrilescu)

▪ **Main activities and responsibilities:** Using the Life Cycle Analysis software, SimaPro; Technical-scientific documentation, processing of information for the elaboration of the PhD thesis with title: *Tools for decision making in the sustainable use of waste as materials and energy resources.*

Type or sector of activity: Education and research

December 2014 - December 2015

PhD Student within Doctoral Grant POSDRU/159/1.5/S/133652, with the project “Sustainable use of waste as material and energy resource”

University “A.I.Cuza”, Iași, România

▪ **Main activities and responsibilities:** Elaboration of PhD Thesis with the title: *Tools for decision making in the sustainable use of waste as materials and energy resources*, which involves assess the sustainability of various scenarios proposed for the valorization of organic biodegradable waste as resource for raw materials and energy.

Type or sector of activity: Education and research

October 2013 - present

Member of Editorial Production and Secretariat of *Environmental Engineering and Management Journal* (IF = 1.096)

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://www.ch.tuiasi.ro/021prezentare.html>

▪ **Principalele activități și responsabilități:** identifying and inviting potential evaluators, the evaluation in terms of compliance with Instructions for authors of manuscripts in the field of doctoral thesis submitted for publication in *Environmental Engineering and Management Journal*.

Type or sector of activity: Education and research

EDUCATION AND TRAINING

October 2013 - September 2016

PhD in Environmental Engineering

Level EQF
= 8

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://www.ch.tuiasi.ro/021prezentare.html>

- **Professional skills:** Comparative Life Cycle Analysis of a Polohydroxyalkanoate and a Synthetic Polymer; evaluation of the technical and economical and ecological performances of a polohydroxyalkanoate as well as a synthetic polymer, multi-criteria decision analysis, the use of software for life cycle assessment: GaBi and SimaPro, acquired during the elaboration of the doctoral thesis, elaboration of the scientific articles, presentation and argumentation of own studies in the national and international scientific manifestations.

October 2011 - July 2013

MSc studies in Environmental Engineering, Environmental Management specialization

Level EQF
= 7

„Gheorghe Asachi” Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Street, 700050 Iasi, Romania

- **Professional skills:** Knowledge of policies and strategies for sustainable development; Knowledge and use of environmental management tools (quality management systems, environment, environmental audit, environmental performance assessment); Analysis and implementation of specific techniques and technologies for sustainable production and consumption and conservation of resources, acquired in project development, seminars and laboratories.

October 2007 - June 2011

Engineer in Environmental Engineering, Engineering and Environmental Protection in Industry specialization

Level EQF
= 6

„Gheorghe Asachi” Technical University of Iasi, "Cristofor Simonescu" Faculty of Chemical Engineering and Environmental Protection, 73 Prof. dr. docent Dimitrie Mangeron Bd., 700050 Iasi, Romania, webpage: <http://www.ch.tuiasi.ro/021prezentare.html>

- **Professional skills:** Developing and applying the basic principles of management in substantiating technical-economic decisions; Understanding the basic principles of environmental engineering and in-depth knowledge of environmental factors; Capacity to operate environmental monitoring systems; Competencies in the analysis, design and exploitation of technologies for treatment and depollution of environmental factors.

PERSONAL COMPETENCES

Mother tongue (s) Romanian

Other known languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Oral speech	
Engleză	B2	B2	B2	B2	B2
According to the Language Competence Certificate LINGUATEK Nr. 93 / 10.19.2015 "Gheorghe Asachi" Technical University from Iasi					
Franceză	A2	A2	A2	A2	A2
	-				

Levels: A1 / A2: Elementary user - B1 / B2: Independent user - C1 / C2: Experienced user
Common European Framework of Reference for Languages

Communication skills

- good communication skills acquired through their own experience following participation in national and international conferences, involvement as a member of the team of research projects;
- ability to interact with organized groups, acquired through membership in the organizing team of the International Conference ICEEM08, CEEM09, held within the Technical University "Gheorghe Asachi".

Organizational / managerial skills

- the ability to meet the deadline for carrying out tasks specific to secretarial work;
- the ability to prioritize and effectively solve the problems arising during the activities of the PCE, BRIDGE and ROKIDAIR projects
- ability to work in team, skill, precision, rigor, perseverance, use of specialized terminology acquired in the activities of BRIDGE AND ROKIDAIR projects.

Skills acquired in the workplace

- accuracy of drawing up the documents acquired through involvement in the BRIDGE Project;
- promoting the team idea to achieve a common goal acquired through involvement in the BRIDGE and ROKIDAIR projects;
- efficient solution of all requests registered through involvement in the BRIDGE Project;
- use of management tools such as: Life Cycle Assessment, Cost-Benefit Analysis, Multicriteria Analysis - Elimination Et Choix Methodologies Realit Trademas - Elimination and choice of choice reflecting reality (ELECTRE) and Hierarchical Analytical Process (AHP) acquired through Project Engagement BRIDGE AND ROKIDAIR.

Digital competence

- good mastery of using the Microsoft Windows operating system, Microsoft Office applications: Word, Excel, Powerpoint, GaBi, SimaPro, Corel Draw, Adobe Photoshop software by developing the doctoral thesis and the research projects in which I was involved;
- good knowledge of photo editing, acquired as an amateur photographer.
- **The certification diploma followed the training GaBi „Jump Start”-27 june 2018**

ADDITIONAL INFORMATION

Publications

- elaboration of a 2-book chapter; 5 articles published in ISI rated journals; 5 articles published in CNCIS (B +) magazines; 5 articles published in ISI Proceedings (Appendix 1).

Presentations

- participation at: 6 national and 48 international conferences, 7 participations in the workshops.

Projects

- participation at *China Sino-EU Summer School for Logistics, Information, Management and Science*, Beijing, China (in 2015)

Special prizes

- Excellent Diploma at the Invention Salon, XIth Edition - Procedeu de obtinere a unor materiale de tip biocompozit destinate realizarii elementelor constructive si functionale ale europaletilor for the team Gavrilescu Maria, Cretescu Igor, Malutan Teodor, Smaranda Camelia, Puitel Adrian Catalin, Cozma Petronela, Hlihor Raluca-Maria, Ghinea Cristina, Simion Isabela Maria, **Comaniță Elena-Diana**, Rosca Mihaela.
- Prize for the article entitled Forecasting municipal solid waste generation using prognostic tools and regression analysis authors: Ghinea C., Dragoi E.N., **Comanita E.D.**, Gavrilescu M., Campean T., Curteanu S., Gavrilescu M., registration code PN-III-P1-1.1-PRECISI-2016-12825.
- Prize for the best presentation at the event organized by EIT RAW Materials CLC-South- Evaluation of eco-efficiency by multicriteria decision analysis. Case study of eco-innovated and eco-designed products from recyclable waste, September 9, 2017 in Bologna, Italy
- **The certification diploma followed the training GaBi „Jump Start”-27 june 2018**

