

PERSONAL INFORMATION

Andreea Gherghel



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Sex female

Date of birth 24/021991

Nationality romanian

WORK EXPERIENCE

- 03/2021 - present
 Research assistant
 "Gheorghe Asachi" Technical University of Iași, PNIII-PCE Project no. 56/2021
 "Innovative and sustainable solutions for the elimination of priority and emerging pollutants through advanced wastewater treatment processes" (SUSTINWATER), coordinator Prof. Carmen Teodosiu
- 10/2019 - 02/2021
 Research assistant
 "Gheorghe Asachi" Technical University of Iași, PCCDI complex project no. 26PCCDI/1.03. 2018 "Integrated and sustainable processes of environmental depollution, reuse of wastewater and recovery of waste" (SUSTENVPRO), coordinator Prof. Carmen Teodosiu
- 10/2016-present
 Laboratory engineer
 "Gheorghe Asachi" Technical University of Iași, Laboratory for Analysis and Control of Environmental Factors - LACMED, coordinator Prof. Carmen Teodosiu
- 2012-2013
 Internship
 Apa Serv S.A, Piatra Neamț, 3 weeks
 S.C APAVITAL S.A, Iași, 3 weeks

EDUCATION AND TRAINING

- 2016 - 2020
 Doctoral studies programme
 "Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection
 Domain: Environmental Engineering
 Thesis title: "Sustainable valorisation of wastewater sludge"
- 2014 - 2016
 Master studies programme
 "Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection
 Domain: Environmental Engineering
 Thesis title: "Studies on a leachate treatment from a municipal landfill"
- 2010 – 2014
 Undergraduate studies programme
 "Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection
 Domain: Environmental Engineering
 Thesis title: "Design of a water treatment plant for surface water for a locality with 20,000 inhabitants"

PERSONAL SKILLS

Mother tongue(s)
 Other language(s)

	UNDERSTANDING				SPEAKING		WRITING
	Listening		Reading		Spoken interaction	Spoken production	
Romanian							
English	B2	B1	B1	B1	B1	B1	
Spanish	B2	B1	B1	B1	B1	B1	

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

Digital competences
Social skills and competences

Other skills

Good command of Microsoft Office tools
Team spirit, adaptability, communication, seriousness, willingness to engage in socio-cultural activities, leadership skills, ability to synthesize and analyze, punctuality
Photography - participation in the Eco - Photography contest held within the Eco-school Project (Green School), during high school
Poem- publishing poems in the school magazine
Dance - member of a traditional dance ensemble "Hora Moldovei" for a year

ADDITIONAL INFORMATION

Publications

Gherghel, A., Teodosiu, C., De Gisi, S., 2019. A review on wastewater sludge valorisation and its challenges in the context of circular economy. *Journal of Cleaner Production*, 228, 244-263. <https://doi.org/10.1016/j.jclepro.2019.04.240> (IF= 9.297).

Gherghel, A., Teodosiu, C., Notarnicola, M., De Gisi, S., 2020. Sustainable design of large wastewater treatment plants considering multi-criteria decision analysis and stakeholders' involvement. *Journal of Environmental Management*, 261. <https://doi.org/10.1016/j.jenvman.2020.110158> (IF=6.789).

Conferences

6th International Conference on Sustainable Solid Waste Management, SESSION XXIV, Sludge Management, with "Evaluating the greenhouse gas emissions of a municipal wastewater treatment plant with sludge incineration", 13 -16 June 2018, Naxos, Grecia.

10th International Conference on Environmental Engineering and Management, Poster Sessions, Sustainability assessment and eco-innovation, with "Assessment of the GHG emissions and energy in Optimising municipal wastewater treatment plants operation: A case Study", 18 – 21 September 2019, Iași, Romania.

Certifications and workshop

Certificate of participation in the Project POSDRU / 156 / 1.2 / G / 136423 "New approaches in the professional training of specialists in the field of Environmental Engineering for sustainable regional development and correlation with current labor market requirements.

Graduation certificate Complementary module of Pedagogical Sciences I - Department of Teacher Training within the Technical University "Gheorghe Asachi" from Iași, 2010-2013.

Graduation certificate Complementary module of Pedagogical Sciences II - Department of Teacher Training within the Technical University "Gheorghe Asachi" in Iasi, 2019-2020.

Diploma for participation in the WATUSER 2016 Specialization Course dedicated to Professionals within regional water operators.

Certificate of participation in the Workshop "Water, a vital resource for sustainable development" Iași, organized by the Department of Environmental Engineering and Management in partnership with S.C. Apavital S.A. Iași, ACVO and ASC CHEMIS Association, March 22, 2019.

Certificate of participation in the SiCon 2018 Workshop "CONTAMINATED SITES", 9th Edition, February 8-10, Taormina, Italy.

October 2021

Andreea Gherghel

