

# Curriculum vitae Europass



## Personal informations

Name **CORINA PETRONELA MUSTERET**  
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 Nationality Romanian  
 Birth date 27 June 1973  
 Gender Female; Married, 1 child

**Occupational field** Lecturer, Eng., M.Sc., Ph.D.; Specializations in Environmental Engineering and Management

**Work experience** 18 years

Period **February 2015 -present**

Function **Lecturer**

Activities and responsibilities Didactic activities (bachelor studies, master studies); Scientific research

Name of the employer "Gheorghe Asachi" Technical University of Iasi, "Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection

Sector of the activity University studies and scientific research

Period **June 2013 -present**

Function **Quality Assurance Responsible**

Activities and responsibilities Scientific research

Name of the employer "Gheorghe Asachi" Technical University of Iasi, Laboratory of Environmental Factors Analysis and Control (LACMED) that is accredited by the Romanian Accreditation Association (RENAR) under SR EN ISO/CEI 17025 since March 2015

Sector of the activity Scientific research

Period **February 2009 – January 2015**

Function **Assistant Professor**

Activities and responsibilities Didactic activities (bachelor studies); Scientific research

Name of the employer "Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection

Sector of the activity University studies and scientific research

Period **October 2006 – september 2011**

Function **PhD student**

Activities and responsibilities Scientific research

Name of the employer "Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection

Sector of the activity Scientific research

Period **January 2001 – March 2005**

Function **Head of laboratory**

Activities and responsibilities coordinating the implementation of quality management system; quality analysis of materials.

Name of the employer S.C.ALDP S.A., Iasi

Sector of the activity Civil engineering

Period **March 2000 – January 2001**

Function **Engineer**

Activities and responsibilities implementation of quality management system; quality analysis of materials.

Name of the employer S.C. SECOL S.A.

Sector of the activity Civil engineering

## Education

Period **October 2006 – september 2011**

Calification/diplom **Diploma of Doctor (PhD)**

*PhD Thesis* : "Studies concerning operational efficiency of membrane processes for wastewater treatment"

Name of the trainer	" Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection
National and International qualification	
Period	<b>2004 - 2006</b>
Qualification/diploma	<b>Master of Science Diploma</b>
Disciplines approach/competence	Water resources management; Integrated Environmental Management Pollution Prevention / Cleaner Production and Sustainable Consumption Strategies; Environmental Impact assessment;
Name of the trainer	" Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection
National and International qualification	ISCED 6
Period	<b>1994 - 1999</b>
Qualification/diploma	<b>Eng. Diploma</b>
Disciplines approach/competence	Wastewater Treatment Technologies, advanced wastewater treatment for recycling; Water Treatment Technologies for drinking or industrial use; Pollution Prevention / Cleaner Production and Sustainable Consumption Strategies;
Name of the trainer	" Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection
National and International qualification	ISCED 5

## Aptitude and professional competence

Mother language Romanian

Foreign language

Selfevaluation	Understanding				Speaking				Writing	
<i>European language(*)</i>	Listening		Reading		Conversation		Oral discussion		Writing expression	
<b>English</b>	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(\*) Level of the European Framework of Reference for languages

### Competence and social abilities

- Good communication abilities;
- Facile interactions with the academic, industrial and water management domains.

### Organisational skills and competences

- A good experience in project management of research projects with national and international funding and in structural funded projects being a member of the research team of research national/international grants gained in competitions such as CEEEX, PNCDI II
- Abilities for the organisation and management of national and international workshops and conferences
- Member in the Research groups *Environmental Engineering and Impact Assessment* and *Water Engineering and Management* at the Department of Environmental Engineering and Management, Faculty of Chemical Engineering and Environmental Protection, "Gheorghe Asachi" Technical University of Iasi.

### Competence and technical aptitudes

- Research area:**
- Physical-chemical characterization of water and wastewater;
  - Water Treatment Technologies for drinking or industrial use;
  - Wastewater Treatment Technologies, advanced wastewater treatment for recycling (membrane processes);
  - Integrated water resources management;
- Scientific activity:**
- Books recognized at national level: **1**
  - Articles published in international journals with reviewers (ISI and included in international data bases): **11** (9 articles in ISI Web of Science ranked journals);
  - Articles/Studies published full-text in international/national recognised conference volumes: **2**;
  - Patents: **2**;
  - Conference lectures/articles and posters presented at international/national recognised conferences: **21**;
- Experience with research project management at national and international level:**
- **3** international research projects (member of the research team);
  - **147** national grants gained in different competitions - CEEEX, PNCDI II and contracts with industry/economic agents (in 5 of contracts with industry/economic agents have acted as project director).
- Research and training stages: 7**
- Scientifically prix: 13**

### Competence and computer skills aptitudes

- using the PC program: Microsoft Word, Microsoft Excel, Power Point – very good

### Drivers's certificate

Class B