



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

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Nationality

Romanian

Date of birth

[REDACTED]

Gender

F

Desired employment / Occupational field

**Environmental Impact, Risk Assessment /
Environmental Science and Engineering**

Work experience

(15 years)

Dates

present – 2013 / 2013 – 2009 / 2009 - 2005

Occupation or position held

Assoc. Professor / Lecturer / Assist. Professor

Main activities and responsibilities

Teaching activities and scientific research in the field of environmental engineering, environmental management, and impact and risk assessment.

Name and address of employer

Department of Environmental Engineering and Management,
Faculty of Chemical Engineering and Environmental Protection,
„Gheorghe Asachi” Technical University from Iasi, Romania.
Address: Blvd. Dr.doc.D. Mangeron, 73 , 700050 Iasi, Romania

Type of business or sector

Higher education and scientific research

Dates

2006-2008

Occupation or position held

Post-doc researcher

Main activities and responsibilities

Scientific research in the field of environmental engineering, environmental management, and impact and risk assessment.

Name and address of employer

Department of Environmental Engineering and Management – Research Center *Environmental Engineering and Impact Assessment*,
Faculty of Chemical Engineering and Environmental Protection,
„Gheorghe Asachi” Technical University from Iasi, Romania.
Address: Blvd. Dr.doc.D. Mangeron, 73 , 700050 Iasi, Romania

Type of business or sector

Scientific research

Dates

1st of February 2004 – 31st of July 2004

Occupation or position held

Marie Currie Training site researcher

Main activities and responsibilities

Scientific research in the field of environmental remediation: *Contaminated soil assessment and remediation technologies into protect the groundwater* – coordinator Prof.dr.eng. Gerhard Matz

Name and address of employer

Technical University Harburg – Hamburg, Germany

Type of business or sector	<i>Scientific research</i>
Dates	2001-2005
Occupation or position held	Ph.D. candidate - researcher
Main activities and responsibilities	<i>Scientific research in the field of environmental engineering, impact and risk assessment.</i>
Name and address of employer	Department of Environmental Engineering and Management – Research Center <i>Environmental Engineering and Impact Assessment</i> Faculty of Chemical Engineering and Environmental Protection, „Gheorghe Asachi” Technical University from Iasi, Romania. Address: Blvd. Dr.doc.D. Mangeron, 73 , 700050 Iasi, Romania
Type of business or sector	<i>Scientific research</i>
Education and training	
Dates	1 st – 4 th of June 2009
Title of qualification awarded	Certificate of completion
Principal subjects/occupational skills covered	<i>Concepts in Environmental Science and Engineering – international workshop</i>
Name and type of organisation providing education and training	Michigan State University, USA Institute of International Health and Fogarty International Center Program on Environmental Health Training and Research in Environmental Health in The Balkans
Level in national or international classification	Continue medical education: 23 credits (concordant with CMR 2422/12.05.2009)
Dates	2001-2005
Title of qualification awarded	Ph.D. in Chemical Engineering
Principal subjects/occupational skills covered	<i>Studies regarding the environmental impact and risk assessment induced by industrial activities</i>
Name and type of organisation providing education and training	Department of Environmental Engineering and Management, Faculty of Chemical Engineering and Environmental Protection, „Gheorghe Asachi” Technical University from Iasi, Romania.
Level in national or international classification	Higher Education, Ph.D
Dates	2001-2002
Title of qualification awarded	Master of Science in Environmental Engineering
Principal subjects/occupational skills covered	Environmental Management (Environmental impact, Environmental risk assessment, Integrated Environmental management, Life cycle assessment, Cost-benefits analyses).
Name and type of organisation providing education and training	Department of Environmental Engineering and Management, Faculty of Chemical Engineering and Environmental Protection, „Gheorghe Asachi” Technical University from Iasi, Romania.
Level in national or international classification	Higher Education, M.Sc.
Dates	1996-2001
Title of qualification awarded	Environmental Engineer
Principal subjects/occupational skills covered	Specialization - Technologies and biotechnologies for environmental protection (covering impact, risk assessment, air, soil and water protection, remediation technologies, policies and strategies)
Name and type of organisation providing education and training	Department of Environmental Engineering and Management, Faculty of Chemical Engineering and Environmental Protection, „Gheorghe Asachi” Technical University from Iasi, Romania.
Level in national or international classification	Higher Education, B.Sc.

Personal skills and competences

Mother tongue(s)
Other language(s)
Self-assessment
European level ()*

English

French

German

Romanian

English, French, German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent	C1	Experimented	C1	Experimented	C1	Experimented	B2	Independent
B1	Independent	B1	Independent	A2	Elementary	A2	Elementary	A2	Elementary
A2	Elementary	A2	Elementary	A1	Elementary	A1	Elementary	A1	Elementary

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Organisational skills and competences

Technical skills and competences

Very adaptive to multicultural, very good communication skills, negotiation, motivational skills.

Good experience in **project management/cooperation off/in research and educational projects with national and international funding or in structural funded projects** (European Social Fund, projects financed by EC-FP6, EC-FP5, MATRA program, INTERREG, EC-Socrates etc.).

Very good abilities in **organization and management of educational and research activities** at the level of university and faculty, member of various commission at department or faculty level (e.g. internal evaluations, students national contests etc.).

Important contributions for the initiation, development and coordination of the environmental specializations at the level of B.Sc. and M.Sc. as well as for the development of the research network in Environmental Engineering and Management in the most important universities in Romania and for collaboration with European universities.

Initiator (co-organizer) and chair person sessions of the International Conference *Environmental Engineering and Management* (www.iceem.eu), at 7th edition in 2013.

Research areas:

- Environmental impact and risk assessment
- Environmental management (natural resources management, decision making support tools)
- Integrated pollution prevention and control
- Environmental evaluation/assessments (audit compliances, environmental impact studies, risk analysis, environmental integrated permit).

Scientific research activity (see Annex 1):

- PhD thesis entitled *Impact and risk assessment induced in environment by industrial activities* (new integrated method for impact and risk assessment was elaborated and applied for different industrial activities considering the measured concentrations of pollutants);
- **13 books** published in editions under the recognition of Romanian Ministry of Education.
- **70 scientific papers** published in international journals, from which 45 are ISI/BDI.

International scientific visibility on www.scopus.com considering Hirsch index, **h = 10**.

Participation in projects/research grants/contracts (detailed in Annex 2):

59 projects (from which responsible for 14 research contracts and collaborator in 45 research contracts, grants, projects, from which, 6 international grants).

International specializations:

- Visiting Professor at Colorado State University, Denver, **USA** (September 2012).
- LIASE Winter school **Tools and modeling in impact assessment**, Helmholtz-Centre for Environmental Research -UFZ, Leipzig, **Germany** (January 2012).
- visiting professor at Panonnia University – Veszprem, **Hungary** (2010, June 2011)
- visiting professor at State University of New York – University at Buffalo, **SUA** (28 February – 2 April 2008)
- Marie Curie Training Site – at Technical University Harburg – Hamburg, **Germany**, the subject: *Contaminated soil assessment and remediation technologies into protect the groundwater*, 2004
- International Summer School: *Trends in remediation of soils and sediments*, Department *Environmental Technology*, Wageningen University, **The Netherlands**. 6-11 June, 2004.
- Library research within international project *Knowledge transfer regarding cleaner production in Romania*, at International Institute for Environmental Engineering and Economics, Lund, **Sweden**, Oct – Nov. 2003.
- Library research on environmental impact and risk assessment and management of industrial activities (SOCRATES ERASMUS fellowship) at *Liverpool Hope University College*, Liverpool, **United Kingdom**, April – July 2003.
- Research within International project *Implementation of Environmental Management Systems in Dutch and Romanian factories*, **The Netherland**, April – June 2000.

Computer skills and competences
Artistic skills and competences
Other skills and competences

Environmental Expert recognized by the **Ministry for Environment and Climate Change**, involved in projects developed under the **Ministry of Education** (National Agency for Scientific Research), **Ministry of Regional Development** (I am member in NE Regional Committee for Strategic Evaluation and Development), **Ministry of Economics and Finances**.

Word, Excel, PPT

Literature (writing poems).

Member of organizations / associations:

Member of Professorial Council of Faculty of Chemical Engineering and Environmental Protection.
Vice-president of Academic Organization of Environmental Engineering and Sustainable Development – NGO, Romania.
Member of Directors Council of National Society of Environmental Science and Engineering.
Member of International organization AIHA (American Industrial Hygiene Association), USA.
Intermediunet Romanian Association (INRO).

Awards (selection):

Spring Best paper award in 2012 for scientific article *Benefits And Limits Of Emerging Technologies*.

EUROINVENT Diploma and gold medal for the book *Treatment of water accidentally polluted with oil hydrocarbons and heavy metals, using unconventional sorbents natural and synthetic*.

EUROINVENT Diploma and gold medal for scientific papers *Progress In Assessment Of Ecological And Health Risk Induced By Persistent Organic Pollutants*.

Gold medal and excellence diploma - INVENTICA 2008, awarded by Society of Romanian Inventors and National Institute for Invention for work *Simple chemical treatments for the increasing of sphagnum moss peat efficiency for sorption of Pb (II)*, Iasi 2008.

Excellence diploma and Inventica 2008 medal, awarded by Society of Romanian Inventors and National Institute for *Integrated studies on the behavior of persistent pollutants and risks associated with their presence in the environment*, Iasi 2008.

Driving licence

Category B.

Additional information

Reference persons:

Carmen Teodosiu – Technical University of Iasi, Romania (past Vice Rector for Scientific Research)

Akos Redey – Pannonia University, Veszprem, Hungary (past Rector)

Linn D. Havelick– Colorado School of Mines, Denver, USA (past Director of Research Institute)

Annexes

Annex 1 – List of scientific publications

Annex 2 – List of scientific research contracts, grants, projects

September 2016