

<b>Curriculum vitae Europass</b>	
<b>Personal informations</b>	
Name	<b>Dr.eng. George Barjoveanu</b>
Phone	+40 0745 389 372
Fax	+40 0232 237594
E-mail	gb@tuiasi.ro,
<b>Profesional experience</b>	
Period	October 2012 – Present
Position	Assoc. Prof. (from oct 2021), Lecturer (2012-2021)
Activities and responsibilities	Didactic and Scientific Research activities in Environmental management
Name of the employer	„Gheorghe Asachi” Technical University of Iași Faculty of Chemical Engineering and Environmental Protection <b>Department of Environmental Engineering and Management</b> <b>www.ch.tuiasi.ro</b>
Description of work	<ul style="list-style-type: none"> <li>• Didactic activities Environmental Management (Please refer below for current (and past) didactic portofolio)</li> <li>• Scientific research in Environmental Engineering and Environmental Management (Please see attached document (list of publications) for additional details)</li> <li>• Quality assurance officer LACMED Laboratory (ISO 17025 certified )</li> </ul>
Period	April 2010 – April 2013
Position	PostDoc Researcher
Activities and responsibilities	Scientific research and scientific project implementation in Water resources management
Name of the employer	„Gheorghe Asachi” Technical University of Iași
Sector of the activity	Scientific research in Water resources management. Research topic: Environmental Management Instruments for Sustainable Use of Water Resources. Various types of assessment instruments were developed / tested to evaluate the performance of water systems: water footprinting, water quality modeling, life cycle assessment, environmental impact assessment, etc.
Period	October 2005 – July 2009
Position	PhD student
Activities and responsibilities	Scientific research in Environmental Engineering
Name of the employer	„Gheorghe Asachi” Technical University of Iași, Faculty of Chemical Engineering and Environmental Protection /
Description of work	Scientific research in advanced wastewater treatment
Period	November 2008 - July 2010
Position	Engineer
Activities and responsibilities	Organization of Didactic activities (Distance learning master studies) ; Scientific research for NGOs
Name of the employer	„Gheorghe Asachi” Technical University of Iași, ID InterMEDIU Department (science shop)
Description of work	InterMEDIU was a science shop (university - civil society interface center) where the main responsibilities were to : <ul style="list-style-type: none"> <li>- Organize activities for a distance learning master program (Environmental Management)</li> <li>- Perform scientific research for NGOs on various organizational skills</li> </ul>
<b>Education</b>	
Period	2005 – 2009
Calification/diploma	PhD in Chemical Engineering, PhD diploma, Series G, no. 4611
Disciplines approach/competence	<i>Studies regarding advanced wastewater treatment using ultrafiltration for recycling purposes</i>

Name and type of organization	„Gheorghe Asachi” Technical University of Iași									
Supervisor	PhD Prof. univ. Eng. Carmen Teodosiu, cteo@tuiasi.ro									
Period	2004 - 2005									
Calification/diplom	Master of Science, Series E, no. 4250									
Disciplins approach/competence	Environmental Management									
Name and type of organization	„Gheorghe Asachi” Technical University of Iași, Faculty of Chemical Engineering									
Name of the supervisor	PhD Prof. univ. Eng. Carmen Teodosiu									
Period	1999 - 2004									
Calification/diplom	Engineer Diploma, Series D, no. 17693									
Disciplines approach/competence	Chemical Engineering, Specialization - Technologies and biotechnologies in Environmental Protection									
Name and type of organization	„Gheorghe Asachi” Technical University of Iași, Faculty of Chemical Engineering									
<b>Aptitude and profesional competences</b>										
Mother language	Romanian									
Foreign languages	English									
Selfevaluation	<b>Understanding</b>				<b>Speaking</b>				<b>Writing</b>	
<i>European language(*)</i>	Listening		Reading		Conversation		Oral discution		Writing exprimation	
<b>English language</b>	C2	Expert	C2	Expert	C2	Expert	C2	Expert	C2	Expert
	(*) Level of the European Framework of Reference for languages									
<b>Other profesional competencens</b>	<ul style="list-style-type: none"> <li>- Organizational skills : <ul style="list-style-type: none"> <li>• Member of the organization committes of the 8 editions of the International Conference on Environmental Engineering and Management - ICEEM, Iasi, Faculty of Chemical Engineering, (<a href="http://www.iceem.eu">www.iceem.eu</a>) since : 2006, 2007, 2009, 2011, 2013, 2015, 2017, 2019</li> <li>• Co-organizer of various scientific workshops</li> </ul> </li> <li>- Quality assurance officer for LACMED (ISO 17025 accredited environmental lab): responsible for statistic data manipulation for analytical methods validation</li> <li>- Advanced image editing skills</li> <li>- Fair html / css knowledge. Content management systems use / webpages editing</li> </ul>									
<b>Didactic and Research profile</b> (please refer to the list of publications for additional info)	<p><b>Academic portofolio:</b></p> <p><b>Current disciplines:</b></p> <ul style="list-style-type: none"> <li>• <b>Life cycle assessment</b> (taught at Environmental Management Master program)</li> <li>• <b>Life cycle assessment</b> (taught in English at Environmental Management and Sustainable Energy master program)</li> <li>• <b>Sustainable consumption &amp; integrated product policies</b> (taught in English at Environmental Management and Sustainable Energy master program)</li> <li>• <b>Sustainable consumption</b> (taught at Environmental Management Master program)</li> </ul> <p><b>Past disciplines:</b></p> <ul style="list-style-type: none"> <li>• <b>Modeling of environmental processes</b> (taught in English at Environmental Management and Sustainable Energy master program)</li> <li>• <b>Environmental Integrated Management</b> (taught at Environmental Management Master program)</li> <li>• <b>Environmental Integrated Management</b> (taught in English at Environmental Management and Sustainable Energy master program)</li> <li>• <b>Technologies for wastewater treatment (project design)</b> (taught at 4th year Environmental Engineering profile)</li> </ul> <p><b>Research directions / interests</b></p> <ul style="list-style-type: none"> <li>• Life cycle assessment</li> <li>• Sustainability assessment &amp; sustainability indicators</li> <li>• Conventional and advanced wastewater treatment technologies</li> <li>• Project management</li> <li>• Environmental management, environmental management systems</li> </ul> <p><b>Scientific portofolio:</b></p> <ul style="list-style-type: none"> <li>• 1 monography (co-autor)</li> <li>• 3 courses in electronic format</li> </ul>									

- Chaper in books: **2**
- Articles published peer-reviewed journals (ISI ranked) : **24**
- Articles/Studies published full-text in international/national recognized conference volumes: **7**
- Patents: **2**
- Conferences/key-note lectures presented at international/national recognized conferences: **22**

**Research and development projects/grants based on national/international grants:**

- **5** research projects funded by international grants (member);
- **13** projects gained in competitions such as CEEEX, PNCDI II (member);
- **1** national project based on a contract as project director.

**External specialization stages:**

- World Water Week 2010 Congress, Stockholm, Sweden, organized by Stockholm International Water Institute (SIWI), 5.09.2010-11.09.2010
- International Training Workshop on Concepts in Environmental Science and Engineering, Iasi, Romania, 1.06-4.06.2009
- Intensive course on *Environmental Science and Engineering Strategies to Address Environmental Health Problems*, organized by Michigan State University în colaboration with University „Politehnica” Bucharest and Institute of Public Health Bucharest, University „Politehnica” Bucharest, 17 – 21 July 2006
- Participating at the international project *Knowledge Transfer and Institutional Capacity Building for Cleaner Production in Romania*, Lund, Suedia, 1 – 10 April 2006
- Workshop "Management and Environmental Policies for Sustainable Production and Consumption" workshop, organized by the Department of Environmental Engineering and Management, "Gheorghe Asachi" Technical University of Iasi in collaboration with the International Institute for Industrial Environmental Economics, Lund, Sweden, 28 to 29 October 2005.
- Workshop *Strengthening the University – Society interactions: The Romanian science shops experience and future challenges*, University „Politehnica” Bucharest, 13 September 2005
- Participating at the International Conference EnvEdu 2005 - *Trends in Environmental Education*, 8-10 September 2005, Brasov, Romania
- Participant la workshop-ul : *Educația Prin Proiecte Și Cercetarea Participativă În Centrele Intermediu Din România* organizat de departamentul InterMEDIU al UTI, 22 – 23 Aprilie 2005
- Workshop and member in the project team of *"Eco-certification in tourism"* ,15-17 April 2005 organized by the Department of Environmental Engineering and Management in collaboration with IIEE - International Institute for Industrial Environmental Economics (Lund, Suedia)
- Participating at the *"2<sup>nd</sup> Living Knowledge Conference : Advancing Science and Society Interactions"*, Sevilla, Spain, 3 – 5 February 2005
- Participating at ICEEM/02 : *Conference on Environmental Engineering and Management"*, Faculty of Chemical Engineering, Iasi, Romania, 23 – 26 September 2004
- March – June 2004 - Research stage in the Socrates / Erasmus program at **Technical University of Denmark**, (Lyngby, Denmark).

**Awards, distinctions:**

- **Gold medal** at The 5th international Salon of Inventions and New Technologies NEW TIME, Sevastopol, Ukraine, 24th-26th September 2009, for the paper *Integrated method of ultrafiltration-ultrasonication for wastewater treatment*;
- **Silver Medal** at Le salon international de l'Innovation de la Recherche et des Nouvelles technologies, Brussels, Belgium, 13th-15th November 2008;
- **Gold Medal** at International Festival of Innovation of New Technologies and Creation, Teslafest, Novi Sad, Serbia, 11-15 October 2008, for the paper *Integrated Method of Ultrafiltration-Ultrasonication for Wastewater Treatment*;
- **Excellency Award and Gold Medal** at International Conference of Inventics – INVENTICA 2008, 12th edition, Iasi, Romania, 12th – 24th May 2008, for the paper *Ultrasonic activated and biosensors controlled filtration computerized systems for textile processes*;
- **Silver Medal** at Exhibition of Inventions 37<sup>eme</sup> Salon International des Inventions des Techniques et Produits Nouveaux Geneve, Switzerland, 1st – 5th April 2009, for the paper *Methodologie integree d'ultrafiltration-ultrasonication pour l'epuration des eaux usees*;
- **Excellency Award and Gold Medal** at 7th International Conference of Research, Innovation and Inventics PROINVENT 2009, Cluj Napoca , Romania, 24th-27th March 2009, for the paper *Procedeu integrat de ultrafiltrare-ultrasonare pentru epurarea apelor uzate*.

Date

Oct 2021

Dr.eng. George Barjoveanu