



CURRICULUM VITAE

Personal information

Name / Surname **Brîndușa Mihaela SLUȘER**
Address Blvd. Dr.doc.D. Mangeron, 73 A, 700050 Iasi, Romania
Phones 004 0232 278680 / 2596

E-mail brindusa-mihaela.sluser@academic.tuiasi.ro
Nationality Romanian
Web sites profiles <https://orcid.org/0000-0001-8892-7924>
Scopus Author ID: 24473548200
Researcher ID: AAC-7908-202
UEFISCDI ID (UEF-ID): U-1700-039N-0861
<https://www.brainmap.ro/brindusa-mihaela-sluser>

Employer

"Gheorghe Asachi" Technical University of Iasi,
Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”,
Department of Environmental Engineering and Management.

Field of interest

Environmental Engineering

Experience

>24 years of work experience

Period	February 2026	2013 – 2026	/	2009 - 2013	2005-2009
Occupation or position held	Professor	<i>Assoc. Professor habil.dr. /</i>		<i>Intermediate Professor dr.</i>	<i>Assistant Professor dr.</i>

Main activities and responsibilities

*Educational, teaching and research activities and administrative work
Permanent positions.*

Name and address of the employer

Gheorghe Asachi" Technical University of Iasi,
Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”,
Department of Environmental Engineering and Management,
Blvd. Dimitrie Mangeron 73, 700050 Iasi
Higher Education and Scientific Research

Type of business or sector

Period

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 - – Research Center Environmental Engineering and Impact Assessment

Name and address of the employer

Gheorghe Asachi" Technical University of Iasi,
Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”,
Department of Environmental Engineering and Management.

Period

2001-2005

Occupation or position held

Researcher, Ph.D. student

Main activities and responsibilities

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

Name and address of the employer

Gheorghe Asachi" Technical University of Iasi,
Faculty of Chemical Engineering and Environmental Protection „Cristofor Simionescu”,
Department of Environmental Engineering and Management.

Education

Title of qualification / certificate / diploma

Habilitation certificate (Ph.D. coordinator) in the field of Environmental Engineering

Studied disciplines / professional competences / skills and abilities

Certificate no. 6331 issued on 22.12.2020, Ministry of Education and Research

Name and address of the institution

„Gheorghe Asachi” Technical University of Iasi,
Doctoral School of the Faculty of Chemical Engineering and Environmental Protection
„Cristofor Simionescu”, Iasi, Romania

Title of qualification / certificate / diploma

Post-doc exchange visitor, 2008

Studied disciplines / professional competences / skills and abilities	Environmental Engineering and Impact Assessment
Name and address of the institution	State University of New York at Buffalo, USA School of Engineering and Applied Sciences, Department of Civil, Structural and Environmental Engineering, supervisor Professor Scott Weber.
Title of qualification / certificate / diploma	Ph.D. in Chemical Engineering, 2005 Diploma no. 5657 /12.12.2005, diploma serial C nr 0008108, issued by the National Ministry for Education and Research
Studied disciplines / professional competences / skills and abilities	Contribution to the environmental impact and risk assessment in case of industrial activities
Name and address of the institution	„Gheorghe Asachi” Technical University of Iasi, Romania
Title of qualification / certificate / diploma	Master of Science in Environmental Engineering domain, 2002
Studied disciplines / professional competences / skills and abilities	Environmental Management Program (studied topics: Environmental impact, Environmental risk assessment, Integrated Environmental management, Life cycle assessment, Cost-benefits analyses).
Name and address of the institution	“Gheorghe Asachi” Technical University of Iasi, Romania.
Title of qualification / certificate / diploma	B.Sc. in Environmental Engineering domain, 2001
Studied disciplines / professional competences / skills and abilities	Specialization - Technologies and biotechnologies for environmental protection (covering impact, risk assessment, air, soil and water protection, remediation technologies, policies and strategies)
Name and address of the institution	“Gheorghe Asachi” Technical University of Iasi, Romania

Professional training

- 2025** Professional education, Learn how to change the world – leadership in universities, Harvard Graduate School of Education, Harvard University, USA, organised by the Romanian-American Foundation.
- 2024** Entrepreneurship leadership, Babson University, USA, organised by the Romanian-American Foundation.
- 2023** Training course on the development of curricula, project CNCFIS-FDI-2023-F-0039, "Increasing the quality of the teaching process by reviewing curricula and introducing guidelines for writing programs based on learning outcomes – PROG-RESS”, TUIASI.
- 2023** „Academic quality, ethics, and integrity”, training course within the project ”Development of quality culture by disseminating ethical norms and creative teaching-learning methods and modernizing the teaching infrastructure to strengthen student-centred education (CADEC)”, TUIASI, series 2022.
- 2022** Training course „ **Career counselling and guidance**”, graduation certificate issued in 2022.
- 2022** “Public speaking, conflict management and multiple intelligence”, organized by CRU-TUIASI.
- 2021** ” Ambassador at TUIASI. Global Ambassador”, organized by “Gheorghe Asachi” Technical University of Iasi, Romania, within the international project – Internationalization by multiculturalism and opportunities for experiences valorization – MOVE, CNFIS-FDI-2021-0426.
- 2021** Quality Management of Educational programs – distance learning courses and reduced frequency – Higher Quality Assurance organized by the Romanian Agency for Higher Educational Quality Assurance, certificate no. 468-ID/IFR issued on 26th of March 2021.
- 2020** Innovative entrepreneurship for teachers - “Gheorghe Asachi” Technical University of Iasi, Romania.
- 2020** Entrepreneurial tools and competencies for teachers and their students - online Teacher Training Platform – Europass Teacher Academy.
- 2020** Empower your online public speaking competences - “Gheorghe Asachi” Technical University of Iasi, Romania.
- 2020** Training on quality assurance in higher education – ARACIS.
- 2018** Trainer in Environmental Sciences and Environmental Engineering field, cod COR 242401. Diploma serial L, no. 002608.
- 2017** Training seminar in Occupational and Environmental Health and Safety field, Colorado State University.

- 2016 Public speaking in English - “Gheorghe Asachi” Technical University of Iasi, Romania.
- 2015 Blended learning and modern educational tools for academia – Technical University of Cluj Napoca, Romania.
- 2012 Tools and modelling in impact assessment, Centre for Environmental Research, Leipzig, Germania
- 2009 „Concepts in Environmental Science and Engineering”, Institute of International Health and Fogarty International Centre Program on Environmental Health Training and Research in Environmental Health in The Balkans, Michigan State University, USA.
- 2004 Contaminated soil assessment and remediation technologies into protect the groundwater - Marie Curie Training Site, Technical University of Hamburg, Germania
- 2004 Trends in remediation of soils and sediments, Department of Environmental Technology, Wageningen University, The Netherlands.

Organisational skills and competences

1. **Head of the Department (from 2024)** and Deputy Director (2012-2024) of the Environmental Engineering and Management Department, TUIASI.
2. Member of Professorial Council of Faculty of Chemical Engineering and Environmental Protection, (administrative structure), TUIASI, since 2009.
3. Member of the University Senate, from 2024.

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

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

Important contributions for the initiation, development, and coordination of the environmental specialisations 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.

Co-organiser and sessions chairperson of the International Conference on Environmental Engineering and Management (www.iceem.eu), since 2002.

Co-president of the International Conference on Environmental Engineering and Management, 2025.

Technical skills and competences

Research areas:

- Environmental impact and risk assessment
- Environmental management (natural resources management, decision-making support tools)
- Integrated pollution prevention and control
- Integrated Water Management.

Scientific research activity (see Appendix 1):

- PhD thesis entitled Impact and risk assessment induced in the 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);
- **21 books/chapters published** in editions under the recognition of the Romanian Ministry of Education.

- **93 scientific papers published** and under evaluation in international journals, from which 55 are ISI (+4 under evaluation).

- 2 patents:

- no. 133480, OSIM decision no. 43/269 from 30.09.2024, Antohi Constantin Marin; Malek Al Refai, Sluser BM, Cretescu I., Laminar Flow Air Disinfection Equipment, <https://worldwide.espacenet.com/patent/search/family/067386061/publication/RO133480A0?q=pr%3DRO133480A0>

- no. 131395 / 2019, Mobile platform for surface water aeration, authors Antohi C., Sluser BM, Antonescu I., Cretescu I.

International scientific visibility on www.scopus.com considering Hirsch index, h = 17. Participation in projects/research grants/contracts (detailed in Annex 2): 77 projects (from which responsible for 17 research contracts).

Guest editor:

1. Journal Environments (ISSN 2076-3298), special issue Air Quality Assessment: Environmental Impacts, Risks and Human Health Hazards, https://www.mdpi.com/journal/environments/special_issues/A110KJPWNA
2. Journal Water (ISSN 2073-4441), special issue Water and Wastewater Management in the Context of Environmental Sustainability

- https://www.mdpi.com/journal/water/special_issues/INA735HW15
- Journal Water (ISSN 2073-4441), Section Water Quality and Contamination, special issue Sustainable Water Management and Treatment, https://www.mdpi.com/journal/water/special_issues/L2FOPW3C80.
 - Journal Safety (ISSN 2313-576X), special issue Environmental Risk Assessment—Health and Safety, 2023, https://www.mdpi.com/journal/safety/special_issues/OOX3ZJF3Q7.

Scientific reviewer (selection):

Agronomy (1), Antioxidants (3), Applied sciences (1), Atmosphere (3), Cleaner Water (1), Current Environmental Engineering (3), Environment and Ecological Research (4), Ecological indicators (3), Environment, development and sustainability (1), Environments (2), Environmental Engineering and Management Journal (12), European Journal of Science and Theology (BDI) (2), International journal of molecular sciences (1), ISPRS international journal of geo-information (2), Journal of Environmental Management (2), Land (2), Metabolites (1), Nanomaterials (2), Process safety and environmental protection (2), Processes (4), Proceedia Journal (BDI) (4), Safety (10), Science of the total environment (2), Smart cities (3), Sustainability (24), Toxics (5), Waste and biomass valorization (1), Waste and biomass valorization (1), Water (12), Water Research (2).

Other international specializations

- Visiting Professor at Colorado State University, Denver, USA (September 2012-2023).
- Visiting Professor at New York State University at Buffalo, USA, 2022, 2023.
- Erasmus+ exchanges at Technical University of Vienna, Austria, Politehnica University Torino, Italy, Technical University from Napoli, Italy, Technical University from Bari Italy, University from Taragona, Spain, University from Lisbon, Portugal.
- 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 projects, Implementation of Environmental Management Systems in Dutch and Romanian factories, The Netherland, April – June 2000.
- 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.

Other achievements A. Participation at more than 50 international conferences, workshop, seminars (selection)

Technical Fall Conference, American Industrial Hygiene Association, Denver, Colorado USA, 2012, 2016, 2018, 2020, 2021.

Health and Safety in work, May 2017, TUIASI, Romania

Environmental safety conference organized by National Ministry for Environment, July 2015, Bucharest, Romania.

Workshop on the European Social Fund Projects in Romania on 27/01/2010 09:00 - 28/01/2010, Iasi, Reference code: RTP 40009.

Workshop Challenges for sustainability in environmental research and education, TUIASI, 2009

Training seminars for project management, organized within POS CCE financial programs, trainer: Daniela Vlasceanu, 2008

Workshop SIWMANET Perspectives and European opportunities for integrated water resources management, TUIASI, 2007.

B. Awards (selection)

1. The gold medal awarded for the book Integrated approach on assessment, treatment and management of environmental pollution, Book Fair within European Exhibition of creativity and innovation, a XVI-a edition, June 2024, Iasi, Romania.
2. Gold medal at the International Exhibition of Innovative Inventions and Entrepreneurship, May 2024, Chisinau, Republic of Moldova, for the invention of the Mobile Platform for Surface Water Aeration, authors C.M. Antohi, B.M. Sluser, I. Antonescu, I. Cretescu.
3. Gold medal and excellence diploma at INVENT-INVEST event, in 2016 and 2017 for the patent Mobile platform for surface water aeration, authors C.M. Antohi, B.M. Sluser, I. Antonescu, I. Cretescu.

4. Excellence diploma, INVENTICA event, in 2016, awarded by The National Institute for Research and Development for Agriculture equipment – INMA Bucharest.
5. Special prize awarded by the Romanian Association for Unconventional Technologies Bucharest 2016.
6. Romanian Final winner of Europe Enterprise Challenge, European contest organized for students by Junior Achievement of Young Enterprise, 2013, 1st prize at national level and IVth prize at European level. (2014).
7. The best scientific paper in 2012, awarded by the Springer for the scientific paper *Soil And Groundwater Cleanup: Benefits And Limits Of Emerging Technologies*, Florentina Anca Caliman, **Brindusa Mihaela Robu**, Camelia Betianu, Vasile Lucian Pavel, Maria Gavrilescu, **Clean Techn. Environ. Policy**, 13:241–268, (2011) (<http://jurnalul.ro/stiri/observator/premiul-international-pentru-cea-mai-buna-lucrare-stiintifica-a-anului-2012-acordat-unei-echipe-de-cercetatori-romani-640320.html>);

C. Member of organizations / associations

1. Member of **Air pollution and Noise** Committee of the **European Environmental Bureau**, Identification number 06798511314-27, International non-profit association, Bruxelles, Belgium.
2. Member of working group under the Romanian Ministry for Education, Centre for Educational Policies and Educational Programs, 2021.
3. Member in National Committee for National Ministry of Research C3 (2015) – Energy, Environment and Climate Changes, decision ANCSI nr. 9186/04.05.2015.
4. Member in Environmental experts committee as consultant for Romanian external policy for Sustainable Development (din 2016).
5. Member of Technical Committee for Air Quality Management, City Hall Iasi, Romania, 2016.
6. President of Academic Organization for Environmental Engineering and Sustainable Development, NGO Iasi, Romania, since 2014.
7. Member of American Industrial Hygiene Association, **Colorado, USA**.
8. Member of the National Society for Environmental Sciences and Engineering, Cluj Napoca, Romania.
9. Member of Romanian Environment Association, Bucharest, Romania, 2019.
10. Reviewer of international journals: Journal of Environmental Management, Environmental Engineering and Management Journal, European Journal of Science and Theology, Proceedia Journal (BDI), Water Research, Current Environmental Engineering.
11. Member of the organizing committee of international conferences, since 2002 (www.iceem.eu).

Foreign languages

	Understanding		Speaking		Writing
	Listening	Reading	Conversation	Speech	
English	B2	C1	B2	B2	B2
French	B1	B2	A2	A2	A2
German	A2	A2	A1	A1	A1

Social skills and competencies: Very adaptive, good communication skills, motivational skills, and leadership.

Appendix 1 – List of publications (A. Books; B. Scientific papers)

Appendix 2 – List of contracts/grants

february, 2026

Professor habil. dr. eng. Brindusa SLUSER

Appendix 1 List of publications

A. Books / chapters:

1. *In Romanian - Communication and management of the inter-relationship at organizational level*, Brindusa **Sluser**, Carmen Ioan, ISBN 978-606-8625-40-9, EcoZone, Iasi, 110p, **2024**
2. *Integrated approach on assessment, treatment and management of environmental pollution*, Brindusa **Sluser**, Ed.EcoZone, ISBN 978-606-8625-38-6, 390p, **2023**
3. *Statistical Analysis and Integrated Approach of Air Quality Assessment (book in English)*, Ioana Tanasă, Brîndușa **Slușer**, Ed. EcoZone, ISBN 978-606-8625-35-5, 100p, **2023**.
4. *Environmental education in sustainable rural communities. Open Educational Resources User Guide*, editori *Camelia Drăghici, Brîndușa Mihaela Slușer, Cezar Petre Simion*, "Transilvania" University Publishing House, Brasov, ISBN 978-606-19-1524-8, 235p, 2022.
5. *Chapter in Policy recommendation for the conception, planning and implementation of environmental projects as well as for the involvement of citizens in maintaining a clean environment in rural communities/ ed.: Cezar Petre Simion, Cristina Mihaela Salcă Rotaru*. "Transilvania" University Publishing House, Brasov, ISBN 978-606-19-1531-6, 71p, 2022
6. *Environmental Impact and risk assessment (chapter)*, **Sluser B**, Plavan O, Teodosiu C., in book *Assessing Progress toward Sustainability (eds. Teodosiu C, Hospido A., Fiore S)*, Elsevier Ed., **2022**.
7. *Environmental impact and risk assessment: procedures and evaluation tools*, **Sluser B.**, Teodosiu C., in book *Environment as risk and emergency, coord. Philippe Burny, Calin Baciuc, Camelia Botezan, Dacinia Petrescu, Grigore Vlad*, editura Valea Verde, ISBN 978-606-8834-42-9, **2021**.
8. *In Romanian- Apa-o mica enciclopedie*, Lavinia Tofan, Carmen Paduraru, **Brindusa Mihaela Sluser**, Carmen Teodosiu, Ed.EcoZone Iasi, ISBN 978-606-8625-10-2, **2019**, pg.151
9. *In Romanian- Ghidul dirigintelui: teme informative pentru orientare vocationala*, Carmen Catalina Ioan, **Brindusa Mihaela Robu Sluser**, Alexandru Abutoaiei, Ed. EcoZone, Iasi, ISBN 978-606-8625-05-8, **2015**, pg.265
10. *In Romanian- Evaluari de mediu. Aplicatii*, **Brindusa Mihaela Robu**, Ed. EcoZone, Iasi, ISBN 978-973-7645-98-2, **2012**, pg.192.
11. *In Romanian- Managementul integrat al resurselor de apa la nivel de bazin hidrografic: Instrumente informationale si de comunicare*, Carmen Teodosiu (Editor), Luminita Mihaela Lupu, Florina Ungureanu, Carmen Catalina Ioan, **Brîndusa Mihaela Robu**, George Bârjoveanu, Simona Andreea Ene, Claudia Cojocariu, **2011**, Editura Politehniun, Iasi, ISBN 978-973-621-392-2, pg. 230.
12. *In Romanian- Informatica aplicata – caiet de laborator. Aplicatii excel in chimie si ingineria mediului*, **Brindusa Robu**, Mircea Teodor Nechita, Gabriel Dan Sudit, Editura Pim, Iasi, **2011**, ISBN 978-606-13-0220-8, pg. 50.
13. *In Romanian- Evaluari de mediu pentru dezvoltare durabila*, **Brindusa Robu**, Matei Macoveanu, Editura EcoZone, Iasi, **2010**, ISBN 978-973-7645-69-2, pg 266.
14. *In Romanian- Decontaminarea apelor poluate accidentale cu hidrocarburi petroliere si ioni de metale grele, utilizand sorbenti neconventionale naturali si sintetici*, Macoveanu Matei, Bulgariu Laura, **Robu Brindusa**, Cornel Cojocaru, Editura EcoZone, Iasi, **2009**, ISBN 978-973-7645-61-6, pg. 205.
15. *In Romanian- Poluanți persistenți în mediu. I. Produse farmaceutice și de igienă*, Florentina Anca Căliman, **Brîndușa Mihaela Robu**, Camelia Smaranda, Vasile Lucian Pavel, Maria Gavrilescu (Ed.), Editura Politehniun, Iasi, **2009**, ISBN 978-973-621-280-2 , vol. I: ISBN 978-973-621-281-9, pg. 223.
16. *In Romanian- Poluanți persistenți în mediu. II. Poluanți organici persistenți și coloranți*, Florentina Anca Căliman, **Brîndușa Mihaela Robu**, Camelia Smaranda, Vasile Lucian Pavel, Maria Gavrilescu (Ed.), Editura Politehniun, Iasi, **2009**, ISBN 978-973-621-280-2, vol. II: ISBN 978-973-621-282-6, pg. 258.
17. *In Romanian- Poluanți persistenți în mediu. III. Metale grele*, Florentina Anca Căliman, **Brîndușa Mihaela Robu**, Camelia Smaranda, Vasile Lucian Pavel, Maria Gavrilescu (Ed.), Editura Politehniun, Iasi, **2009**, ISBN 978-973-621-280-2, vol. III: ISBN 978-973-621-283-3, pg. 234.
18. *In Romanian- Poluanți persistenți în mediu. IV. Identificarea, estimarea si managementul integrat al riscurilor asociate impacturilor induse in mediu de poluanti organici persistenti si metale grele*, Florentina Anca Căliman, **Brîndușa Mihaela Robu**, Camelia Smaranda, Vasile Lucian Pavel, Maria Gavrilescu (Ed.), Editura Politehniun, Iasi, **2009**, ISBN 978-973-621-280-2, vol. IV: ISBN 978-973-621-284-0, pg. 227.
19. *In Romanian- Managementul riscului de mediu in industria extractiva*, Cornel Florea Gabrian, **Brindusa Robu**, Editura TipoMoldova, Iasi, 2007, ISBN 978-973-8900-98-1, pg. 140.
20. *In Romanian- Evaluarea impactului și a riscului induse asupra mediului de activități industriale*, **Brîndușa Robu**, Editura Ecozone, Iași, 2005, ISBN 973-7645-00-6, pg. 221.
21. *EMS in factories – The introduction of Environmental Management Systems in the metal processing and ceramic industry in Romania and The Netherlands – Report C94*, D. Ciobanu, Mihaela Hristea, D. Jansen, S. Odijk, F. Rabbering, **Brindusa Sluser (Robu)**, P. Tanck, G. Tudorache, Editura Chemiewinkel Groningen, Olanda, 2000, ISBN 90-367-1-1343-9., pg. 100.

Professor habil. dr. eng. Brindusa SLUSER

B. Scientific papers

I. Scientific papers published in international journals (ISI and BDI):

ISI journals

1. *Status and perspectives of sustainability indicators applied in the water sector*, Daniela Fighir, Wei Wang, Taher Ahmadi, Brindusa **Sluser**, **Current Opinion in Environmental Sustainability**, [under review](#)
2. *Aerosol Optical Depth And Pollution Risk Assessment: Integrated Approach For A Metropolitan Environment*, Ioana Tanasa, Marius Cazacu, Dumitru Botan, Wei Wang, Brindusa **Sluser**, journal **Cleaner Engineering and Technology**, [under review](#)
3. *Life Cycle Assessment Of Alternative Road Concrete Recipes Incorporating Industrial By-Products*, Bogdan Luca, Elena-Diana Ungureanu-Comanita, George Barjoveanu, Brindusa **Sluser**, [under review](#).
4. *A Comprehensive Review of Instruments and Indicators for Sustainability Assessment of Drinking Water Treatment Plants*, Daniela Fighir, Mihail Dorus, Malek Al Refai, Brindusa Sluser, Carmen Teodosiu, [under review](#).
5. *Integrating environmental auditing into corporate sustainability frameworks: a comparative analysis across Turkey, Moldova, and Romania*, Ali Kestane, Luminita Diaconu, Brindusa **Sluser**, accepted for publication in Environmental Engineering and Management Journal, 2026.
6. *From Aerosol Optical Depth to Risk Assessment: A Novel Framework for Environmental Impact Statistics of Air Quality Using AERONET*, Ioana Tanasa, Marius Cazacu, Dumitru Botan, John D. Atkinson, Viktor Sebestyen, Brindusa Sluser, **Environments** 2025, 12, 285. <https://doi.org/10.3390/environments12080285> .
7. *Coloured Wastewater Treatment by Clathrate Hydrate Technique*, Mustafa S. Mohammed, Shurooq T. Al-Humairi, Riyadh S. AL-Mukhtar, Saja Mohsen Alardhi, A. Aliyu, Ali Dawood Salman, Miklos Jakob, Forat Yasir AlJaberi, Brindusa Sluser* and Igor Cretescu, **Water** 2023, 15(12), 2227; <https://doi.org/10.3390/w15122227>.
8. *New Low-Cost Composite Silica Based with Application in Organic Dye Removal from Water*, Ali Dawood Salman, Thamer Adnan Abdullah, Tatjana Juzsakova, Rashed Taleb Rasheed, Balázs Zsirka, Rasha R. Al Shaikhly, Brindusa **Sluser**, Igor Cretescu, **Materials** 2023, 16(4), 1618; <https://doi.org/10.3390/ma16041618>.
9. *Air quality integrated assessment: environmental impacts, risks and human health hazards*, I.M.Tanasa, M.M.Cazacu, B.M.**Sluser**, *special issue Exposure to Environmental Pollutants and Effects on Human Health*, *Appl. Sci.* 2023, 13(2), 1222; <https://doi.org/10.3390/app13021222>.
10. *Priority pollutants effects on aquatic ecosystems evaluated through ecotoxicity, impact, and risk assessments*, R.Zait, D.Fighir, B.Sluser, O.Plavan, C.Teodosiu, **Water** 2022, 14(20), 3237; <https://doi.org/10.3390/w14203237>.
11. *Priority Pollutants Monitoring and Water Quality Assessment in the Siret River Basin, Romania*. Zait, R.; **Sluser**, B.; Fighir, D.; Plavan, O.; Teodosiu, C., **Water**, 2022, 14, 129. <https://doi.org/10.3390/w14010129> (IF=3.103)
12. *Polystyrene-Fe₃O₄-MWCNTs Nanocomposites for Toluene Removal from Water*, Abdullah T.A, Juzsakova T, Rasheed R.T, Salman A.D, Sebestyen V, Domokos E, **Sluser** B, Cretescu I, **Materials** 2021, 14, 5503. <https://doi.org/10.3390/ma14195503> (ISI, IF=3.623)
13. *Environmental monitoring and impact assessment of Prut river cross-border pollution*, Neamtu R., **Sluser** B., Plavan O, Teodosiu C., *Environmental Monitoring and Assessment Journal*, (2021), DOI: 10.1007/s10661-021-09110-1 (ISI, IF= 2.802).
14. *Statistical approach of environmental quality management and political decision-making at local level: case study Iasi city, Romania*, Grecu S.P., Mihailescu B.C., **Sluser** B.M, *Environmental Engineering and Management Journal*, 2020, 19(3), (ISI, IF=0.916).
15. *Synthesis and characterisation of a binder cement replacement based on alkali activation of fly ash waste*, Cretescu, I., Harja, M., Teodosiu, Isopescu, D.N., Chok, M.F., **Sluser**, B.M., Salleh, M.A.M., *Process Safety and Environmental Protection*, 2018, Volume 119, p 23-35 (ISI, IF=1.514)
16. *Postclosure influence of emissions resulted from municipal waste dump sites: a case study of the north-east region of Romania*, Brîndușa Mihaela **Sluser**, Ana Maria Șchiopu, Cătălin Bălan, Marian Pruteanu, *Environmental Engineering and Management Journal*, 2017, 16(4) (ISI, IF=1.186).
17. *Modeling equilibrium data for Cd (II) adsorption by peat using non-linear regression analysis*, Catalin Balan, Brindusa (**Sluser**) **Robu**, Petru Bulai, Doina Bilba, *Environmental Engineering and Management Journal*, 2017, 16(3), 569-581 (ISI, IF=1.186).
18. *Environmental Assessment of Municipal Wastewater Discharges: A Comparative Study of Evaluation Methods*, Teodosiu C*, Barjoveanu G., Robu (**Sluser**) B., Ene (Popa) S.A., Trofin O., *The International Journal of Life Cycle Assessment*, 2016, 21(3), 395-411, DOI: 10.1007/s11367-016-1029-5 (IF=3.988, ISI Web of Science).
19. *Monitoring of Radioactivity Level in Autoclaved Aerated Concrete Produced in Romania and Risk Assessment*, Dorina Nicolina Isopescu, Brindusa Mihaela **Sluser** (Robu), Fotini Noli, Raimondas Buckus, Igor Cretescu, *Environmental Engineering and Management Journal*, (2016), 15(4), 935-943 (ISI, IF 1.86).
20. *Environmental impact and risk assessment of the main pollution sources from the Romanian Black Sea Coast*, Brindusa Robu, Oana Jitar, Carmen Teodosiu, Stefan-Adrian Strungaru, Mircea Nicoara, Gabriel Plavan, *Environmental Engineering and Management Journal*, (2015), 14(2), 331-340.
21. *Advanced quantitative environmental impact assessment: quantitative method for red mud disposal facilities*, Anett Utasi, Viktor Sebestyen, József Nemeth, Tatiana Yuzhakova, Laszlo Diossy, Endre Domokos, **Brindusa Robu**, Akos Redey, Istvan Raduly, Lenke Raduly, *Environmental Engineering and Management Journal*, (2014), 13(9), 2295-2300, (IF 1.186)

22. *Environmental Impact and Risk Quantification Based on Selected Water Quality Indicators*, Teodosiu C, **Robu B.**, Cojocariu C, Bârjoveanu G., (2015), *Natural Hazards*, 75(1), 89-105, (IF= 1.639), DOI: 10.1007/s11069-013-0637-7
23. *Advanced quantitative environmental impact assessment method*, Anett Utasi, Tatiana Yuzhakova, Viktor Sebestyen, József Nemeth, **Brindusa Robu**, Akos Redey, Janos Lako, Tamas Frater, Istvan Raduly, Lenke Raduly, Gabriela Popita, *Environmental Engineering and Management Journal*, (2013), 12(2), 305-310, (IF 1.186)
24. *Integrated approach of environmental impact and risk assessment of Rosia Montana mining area, Romania*, Lucrina Stefanescu, Brindusa Mihaela Robu, Alexandru Ozunu, (2013) *Journal Environmental Science and Pollution Research*, 20(11), 7719-7727, DOI 10.1007/s11356-013-1528-x (IF 2.618).
25. *Water footprint assessment in the wine making industry: A case study for a Romanian medium size production plant*, Simona Andreea Popa, Carmen Teodosiu, **Brindusa Robu**, Irina Volf, *Journal of Cleaner Production*, (2013), vol.43, p.122-135, <http://dx.doi.org/10.1016/j.jclepro.2012.11.051> (IF 3.398).
26. *Sustainability in the water use cycle*, Carmen Teodosiu, George Barjoveanu, **Brindusa Robu**, Simona Andreea Ene, *Environmental Engineering and Management Journal*, (2012), 11 (11), 1987-2000, (IF= 1.186).
27. *Removal of Cd(II) ions from aqueous solution by retention on pine bark*, Tofan, L., Paduraru, C., Robu, B., Miron, A., Amalinei, R.L.M, *Environmental Engineering and Management Journal*, (2012), 11 (1), pp.199 (IF= 1.186)..
28. *Digitization of the environmental impact quantification process*, Suditu Gabriel Dan, **Robu Brindusa Mihaela**, *Environmental Engineering and Management Journal*, (2012), 11 (4), 841-848, (IF= 1.186).
29. *Integrated Environmental Impact And Risk Assessment Of The Agricultural And Related Industries In The Prut River Basin*, Claudia Cojocariu, George Barjoveanu, **Brindusa Robu** and Carmen Teodosiu, *STUDIA UBB CHEMIA*, (2012), 57, LVII(1), 151-167, (IF 0.231).
30. *Soil And Groundwater Cleanup: Benefits And Limits Of Emerging Technologies*, Florentina Anca Caliman, **Brindusa Mihaela Robu**, Camelia Betianu, Vasile Lucian Pavel, Maria Gavrilescu, *Clean Techn. Environ. Policy*, 13:241–268, (2011), (IF 1.12)
31. *Environmental Assessment Of Pollution With Detergents In The Prut River Basin, Romania*, Claudia Cojocariu, **Brindusa Robu**, George Barjoveanu, Carmen Teodosiu, *AES Bioflux: Advances in Environmental Sciences – International Journal of the Bioflux Society*, BDI (2011)
32. *Influence of air pollution on forest ecosystems: ecological impact of heavy metals*, Mihaela Budianu, **Brindusa Robu**, Matei Macoveanu, *Environmental Engineering and Management Journal*, 9(10), p.1401-1407, (2010) (IF 1.186)
33. *Integrated assessment of wastewater treatment plants for sustainable river basin management*, George Barjoveanu, Claudia Cojocariu, **Brindusa Robu**, Carmen Teodosiu, *Environmental Engineering and Management Journal*, 9(9), 1251-1259, (2010) (IF 1.186)
34. *Study of biodiesel production from oilseed plants: II. Evaluation of biodiesel production from some cultivars of rapeseeds*, Constantin Leonte, Laura Bulgariu, **Brindusa Robu**, Teodor Robu, Danut Simioniu, *Environmental Engineering and Management Journal*, 9(9), 1311-1317, (2010) (IF 1.186)
35. *European Management Practices For Sustainable Agriculture*, Edinel Robu, Vasile Neculaiasa, **Brindusa Robu**, Matei Macoveanu, *Lucrări Științifice – vol. 53/2010, nr.2, seria Agronomie*, (2010) (BDI journal)
36. *The impact of chemicals on the derivatives with important therapeutic activity in the Calendula Officinalis L. Flores*, Teodor Robu, Constantin Leonte, Elvira Gile, Roxana Vatavu, **Brindusa Robu**, *Environmental Engineering and Management Journal*, 9(1), (2010) (IF 1.186)
37. *Ecological Education For Sustainable Tourism In Romania's North-East Region*, Carmen Cătălina Ioan, **Brîndușa Robu**, Matei Macoveanu, *Environmental Engineering and Management Journal*, 9(1), (2010) (IF 1.186).
38. *Influence on environment of heavy metals generated by mining industry: influence on soil quality of Copper, Zinc, Lead, Mangan And Silver, Generated In Mestecaniș Area*, Corneliu Horaicu, **Brindusa Robu**, Florinel Florea, Monica Andreea Horaicu, *Carpathian Journal of Earth and Environmental Sciences*, vol.5, nr.2 (2010) (IF 1.579)
39. *European frame for sustainable agriculture in Romania: Policies and strategies*, **Brindusa Robu**, Carmen Catalina Ioan, E. Robu, Matei Macoveanu, *Environmental Engineering and Management Journal*, 8(5), 1171-1179, (2009) (IF 1.186)
40. *Impact of landfill leachate on soil quality in Iasi County*, Ana-Maria Șchiopu, **Brîndușa Mihaela Robu**, Ion Apostol, Maria Gavrilescu, *Environmental Engineering and Management Journal*, 8(5), 1155-1164, (2009) (IF 1.186)
41. *Bioavailability processes for contaminants in soils and their use in risk assessment*, Raluca Maria Hlihor, Laura Carmen Apostol, Camelia Smaranda, Lucian Vasile Pavel, Florentina Anca Căliman, **Brîndușa Mihaela Robu**, Maria Gavrilescu, *Environmental Engineering and Management Journal*, 8(5), 1199-1206, (2009) (IF 1.186)
42. *Heavy metal contamination of surface waters from Iași City, Romania*, Horaicu Corneliu, Gabriel Florea Cornel, Grozavu Irina, Calu Constantin Cătălin, Horaicu Monica, **Brindusa Robu**, *Environmental Engineering and Management Journal*, 8(6), (2009) (IF 1.186)
43. *Strategic environmental assessment for plans, programs, policies in Romania: Multi-Criteria Method*,

- Brindusa Robu**, Matei Macoveanu, *Environmental Engineering and Management Journal*, **8**(6), (2009) (IF 1.186)
44. The Pb(II) sorption from aqueous solutions by sphagnum moss peat, Laura Bulgariu, **Brindusa Robu**, M. Macoveanu, *Revista de Chimie*, **60** (2), 171-175, (2009), IF 0.693.
 45. *The Gorgon method as a tool in sustainable behavior and development*, Carmen Catalina Ioan, Matei Macoveanu, **Brindusa Robu**, *Environmental Engineering and Management Journal*, **7**(6), 781-785, (2008), IF 1.186
 46. *Quantification of environmental impact and risk induced by industrial activities on ground water quality: Case study Cordun - Roman area*, Romania, Elena D. Carlig, **Brindusa Robu**, Matei Macoveanu, *Environmental Engineering and Management Journal*, **7**(6), 791-804, (2008) (IF 1.186).
 47. *Valorification of herbs in phytotherapy, as an alternative of chemical treatments in agriculture*, Teodor Robu, **Brindusa Robu**, Sabina Robu, *Environmental Engineering and Management Journal*, **7**(5), 579-588 (2008) IF 1.186.
 48. *Quantification of impact and risk induced in surface water by heavy metals: Case Study – Bahlui River Iasi*, **Brîndușa Robu**, Laura Bulgariu, Dumitru Bulgariu, Matei Macoveanu, *Environmental Engineering and Management Journal*, **7**(3), 263-267 (2008) ISI Journal IF 1.186.
 49. *Methods and procedures for environmental risk assessment*, **Brindusa Robu**, Anca F. Căliman, Camelia Bețianu, Maria Gavrilescu, *Environmental Engineering and Management Journal*, **6**(6), 573-592, (2007) ISI Journal IF 1.186.
 50. *Study concerning the influence of oxidizing agents on heterogeneous photocatalytic degradation of persistent organic pollutants*, Anca Florentina Căliman, Camelia Bețianu, **Brîndușa Robu**, Maria Gavrilescu, Ioannis Poullos, *Environmental Engineering and Management Journal*, **6**(6), 483-489, (2007) (ID 595/2007) ISI Journal IF 1.186.
 51. *Equilibrium isotherm studies for the sorption of lead ions from aqueous solutions using Romanian peat sorbent*, L. Bulgariu, C. Cojocariu, **B. Robu**, M. Macoveanu, *Environmental Engineering and Management Journal*, **6**(5) 425-430, (2007) (IF 1.186).

BDI Journals

52. *Case study of the evidence of PM1 & PM2.5 contribution on PM10 from Podul de Piatra – Iasi city*, C.Chiruta, I.M.Tanasa, I.A.Rosu, O.G.Tudose, B.Sluser, M.Cazacu, *Bulletin of the Polytechnic Institute from Iași, published by "Gheorghe Asachi" Technical University of Iasi, Section Mathematics, Theoretical Mechanics, Physics, September, 2022.*
53. *The Packaging Design as a Marketing Strategy: A Case Study on a Local Tea Producer*, Robu, MariaChiran, Aurel; Sluser, Brindusa Mihaela; Leonte, Elena. *Proceedings Of The International Scientific Congress - Life Sciences, A Challenge For The Future, pages105-110, ISBN 978-88-85813-63-2, 2019, (ISI), WOS:000747623800017*
54. *Anthropogenic pollution due to emissions of heavy metals generated from a lignite thermal power plant in Romania*, Nica Badea D., Lazar L., Sluser B.M., Cretescu I., *Bulletin of Polytechnic Institute from Iasi, section Chemistry and Chemical Engineering, 2018, vol.64 (68), issue 2, p 59-73, (B+).*
55. *Thermodynamic study of Cd(II) sorption on soil*, Raluca Hlihor, Petronela Cozma, Cristina Ghinea, Lucian Pavel, **Brindusa Robu**, Maria Gavrilescu, *Lucrări Științifice – vol. 53/2010, nr.2, seria Agronomie, (2010) (BDI journal)*
56. *Studies Regarding The Influence Of Pedoclimatic Conditions Of 2009 Year On Various Quality Index For Some Corn Populations*, Constantin Leonte, **Brindusa Robu**, Carmen Paduraru, Lavinia Tofan, Teodor Robu, *Lucrări Științifice – vol. 53/2010, nr.1, seria Agronomie, (2010) (BDI journal)*
57. *European Management Practices For Sustainable Agriculture*, Edinel Robu, Vasile Neculaiasa, **Brindusa Robu**, Matei Macoveanu, *Lucrări Științifice – vol. 53/2010, nr.2, seria Agronomie, (2010) (BDI journal)*
58. *Improved global pollution index method applied for environmental impact assessment of a refinery*, Petruc V, **Robu B.**, Macoveanu M., *Environmental Engineering and Management Journal*, **5**(1), p. 51-62, (2006).
59. *Comparative evaluation of impact induced in environment by a refinery*, **Robu B.**, Petruc V., M. Macoveanu, *Environmental Engineering and Management Journal*, **5**(3), 457-471, (2006).
60. *Decontamination of polluted soils with heavy metals by electrokinetics methods (I)*, Dumitru Bulgariu, Laura Bulgariu, Constantin Rusu, **Brîndușa Robu**, *Environmental Engineering and Management Journal*, **5**(3), 307-319, (2006)
61. *Integration of risk assessment into environmental impact assessment procedure – case study for steel processing*, **B. Robu**, M. Macoveanu, *Proceedings of 9th International conference on Environmental Science and Technology, Rhodes, ISSN 1106-5516, ISBN 960-7475-33-X, p.196, (2005).*
62. *Integrated environmental impact and risk assessment of emissions resulted from oil distribution*, **Brindusa Robu**, Victor Petruc, Matei Macoveanu, *Environmental Engineering and Management Journal*, **4**(4), 499-513, (2005).
63. *Environmental impact assessment for steel processing*, **B. Robu**, C. Zaharia, M. Macoveanu, *Environmental Engineering and Management Journal*, **4**(1), 26-46, (2005).
64. *A new tool for site investigation: fast GC/MS analysis of Benzo[a]pyrene in contaminated soil*, **B. Robu**, T. Ollesh, W. Schroder, G. Matz, *Environmental Engineering and Management Journal*, **3**(3), 345-355, (2004).

65. *The monitoring of aluminium concentration in water and fresh food in order to estimate the risks on human health*, Volf I., **Robu B.**, Ciobanu O., *Environmental Engineering and Management Journal*, 3(3), 313-323, (2004).
66. *Risk assessment for a shipyard from Romanian Black Sea Coast*, **Robu B.**, Gavrilescu M., Macoveanu M., *Environmental Engineering and Management Journal*, 2 (4), 303-317, (2003).
67. *Preliminary actions for environmental management systems implementation at a Yarns and Fibres Plant*, **Robu B.**, Teodosiu C., *Environmental Engineering and Management Journal*, 1(2), 243-255, (2002).
68. *Modelling and simulation of bioreactors in fluidised bed used for wastewater treatment* Gavrilescu M., Ungureanu F., **Robu B.**, *Environmental Engineering and Management Journal*, 1(4), 517-533, (2002).

II. Scientific papers published in national journals - CNCSIS

1. *Profiluri de interes vocațional favorabile integrării profesionale ale absolvenților de ingineria mediului*, Carmen-Cătălina Ioan, Ileana Maria Carcea, Brîndușa Mihaela Slușer, *Bulletin of Polytechnic Institute from Iasi, section Socio-sciences*, 2019, Volumul 65 (69), 1-2, p.41-57.
2. *Anthropogenic pollution due to emissions of heavy metals generated from a lignite thermal power plant in Romania*, Nica Badea D., Lazar L., Slușer B.M., Cretescu I., *Bulletin of Polytechnic Institute from Iasi, section Chemistry and Chemical Engineering*, 2018, vol.64 (68), issue 2, p 59-73, (B+).
3. *L'impact De La Pollution De L'air Sur Les Écosystèmes Forestiers*, Mihaela Budianu, Brîndușa **Robu**, Matei Macoveanu, **Buletinul Institutului Politehnic din Iasi**, sectia Constructii de masini, tomul LVI(LX), fasc.3b, pag. 85-97, (2010)
4. *Overview on Chromium occurrence in the environment and its remediation*, Raluca Maria Hlihor, Laura Carmen Apostol, Vasile Lucian Pavel, Camelia Smaranda, Brîndușa Mihaela **Robu**, Florentina Anca Căliman, Maria Gavrilescu, **Buletinul Institutului Politehnic din Iași**, Chimie si Inginerie Chimică, 55(3), p. 19-35, (2009)
5. *Life Cycle Impact Assessment of Pesticides: Current Issues and Perspectives*, Laura Carmen Apostol, Raluca Maria Hlihor, Camelia Smaranda, Vasile Lucian Pavel, **Brîndușa Mihaela Robu**, Florentina Anca Căliman, Maria Gavrilescu, **Buletinul Institutului Politehnic din Iași**, Chimie si Inginerie Chimică, 55(2), p. 67-83, (2009)
6. *Identificarea si analiza strategiilor si tehnologiilor pentru prevenirea poluarii si productie mai curata, ca instrumente ale dezvoltarii durabile, in sistemele de productie si servicii – raport de cercetare*, M. Gavrilescu (coord), M. Macoveanu, C. Teodosiu, **B. Robu**, C. Betianu, G. Barjoveanu, L. Pavel, **Revista de Politică Științifică și Scientometrie**, numar special 2006 ISSN 1582-1218, (2006)
7. *Is a new oil distribution station a major risk for environmental components?*, **B. Robu**, V. Petruc, M. Macoveanu, **Buletinul Institutului Politehnic din Iași**, tomul 52 Fasc. 3-4, 2006, Chimie si Inginerie Chimică, (2006),
8. *Assessment of the impact induced on environment by oil distribution*, **B. Robu**, V. Petruc, M. Macoveanu, **Analele Științifice ale Universității „Al. I. Cuza” din Iași**, Seria Chimie, Tomul XIV, Nr. 1, ianuarie-iunie, 2006, p 117-128, (2006),
9. *General considerations regarding the main methods for field analysis of contaminated soil in order to prevent groundwater pollution*, **Robu B.**, Robu T., **Analele USAMV Iasi**, ISSN 1454-7376, vol 1 (47), (2004),
10. *Tendinte de armonizare a legislatiei Romaniei la legislatia UE, in domeniul protectiei mediului*, **Robu B.**, Robu T., **Analele USAMV Iasi**, ISSN 1454-7376, vol. 1(46), p. 705-710, Iași, (2003),
11. *Practici agricole finantate de SAPARD in contextul protectiei mediului*, Robu T., **Robu B.**, **Analele USAMV Iasi**, ISSN 1454-7376, vol. 1(46), pg. 711-714, (2003).

III. Scientific papers published in conference books

1. *Potential benefits and threats of emerging technologies for soil and groundwater cleanup*, Maria Gavrilescu, Florentina Anca Căliman, **Brîndușa Mihaela Robu**, Camelia Smaranda, Vasile Lucian Pavel, A XIII-a Conferință Internațională de Inventică „Cercetări și Tehnologii Inovative Performante”, 4-6 Iunie, 2009, Iași, Romania, pp. 537-555, Editura performantica, Iași, ISBN 978-973-730-610-4
2. *Behaviour of persistent pollutants and risks associated with their presence in the environment*, Maria Gavrilescu, Florentina Anca Căliman, **Brîndușa Mihaela Robu**, Camelia Smaranda, Vasile Lucian Pavel, Raluca Maria Hlihor, Laura Carmen Apostol, *Expoziția realizărilor cercetării românești – SALONUL CERCETĂRII – 2009*, 28 – 31 octombrie 2009, Târgul Tehnic Internațional București, Complexul Expozițional ROMEXPO.
3. *Land filling Impact Assessment Induced by Leachate Contaminant Loadings and Management Options*, Ana-Maria Schiopu, **Brîndușa Mihaela Robu**, Abdelnaser Omran, Maria Gavrilescu, 1st CONVEEESH, Proceedings of the International Conference on Engineering, Environment, Economic, Safety & Health, 26 – 27 October 2009, Manado, Indonesia.
4. *The impact induced in environment by presence in soil of chrom ions*, **Brîndușa Mihaela Robu**, Laura Bulgariu, Matei Macoveanu simpozionul Universitatea de Stiinte Agricole si Medicina Veterina „Ion Ionescu dela Brad”, **Analele USAMV Iasi**, octombrie 2008.
5. *Lead sorption by moss peat and its different main fractions*, Laura Bulgariu, Mioara Rățoi, **Brîndușa Mihaela Robu**, Th. Măluțan, M. Macoveanu, Simpozionul Universitatea de Stiinte Agricole si Medicina Veterina „Ion Ionescu de la Brad”, **Analele USAMV Iasi**, 2008.

6. *The influence on soil and ground water quality of organic compounds use in orchards*, **Brindusa Robu**, Laura Bulgariu, E. Robu, M. Macoveanu, Simpozionul stiintific Agricultura romaneasca in UE - oportunitati si perspective, **Analele USAMV Iasi**, octombrie 2007.
7. *The Pb(II) sorption from aqueous solutions by sphagnum moss peat*, Laura Bulgariu, **Brindusa Robu**, M. Macoveanu, comunicata la **Conferinta** Internationala de Chimie si Nanomateriale, oct.2007.
8. *Comparative Study of Cr(VI) removal from aqueous solutions using natural sorbents and Purolite A 400 Resin*, **Brindusa Robu**, C. Balan, D. Bilba, I. Cretescu, M. Macoveanu **Conferinta internationala de Chimie si Nanomateriale**, oct. 2007.
9. *The Impact of Urbane Soils Pollution with Heavy Metals (Cd, Pb) – Case Study: Industrial Zone, Iasi City*, L. Bulgariu, D. Bulgariu, **B. Robu**, M. Macoveanu, Annals of West University of Timisoara, Series of Chemistry, 16(1), 65-82, 2007.
10. *Studiul adsorbției competitive a cadmiului, plumbului și zincului pe tuf vulcanic zeolitic*, Laura Bulgariu, D. Bulgariu, **Brindusa Robu**, M. Macoveanu, **Conferinta Internationala Zilele Academiei Timisene**, mai 2007.
11. Integration of risk assessment into environmental impact assessment procedure – case study for steel processing, **B. Robu**, M. Macoveanu, **Proceedings of 9th International Conference on Environmental Science and Technology, Rhodos**, ISSN 1106-5516, ISBN 960-7475-33-X, p.196 (2005).
12. *Prediction and quantification of environmental impact and risk for sand blasting and varnishing processes*, Petruc V., **Robu B.**, Macoveanu M., 6th International Congress Of Chemistry, "Chemistry And Sustainable Development", Puerto de la Cruz, Tenerife, Spain, 5-7th December 2006, vol.2, pg.697, ISBN 84-690-2349-7, (2006)
13. *Environmental impact and risk assessment of an industrial site used for solid wastes disposal, resulted from steel processing*, **B. Robu**, M. Macoveanu, The 3rd International Conference on Ecological Chemistry Chisinau, ISBN 9975-62-134-1, pg. 511-522, (2005)
14. *Key environmental risk factors and impact consideration issues for alcoholic beverages industry*, Volf, **B. Robu**, M. G. Popescu, M. Macoveanu, The 3rd International Conference on Ecological Chemistry Chisinau, ISBN 9975-62-134-1, pg.111-122, (2005)

Professor habil. dr. eng. Brindusa SLUSER

Appendix 2

LIST OF RESEARCH CONTRACTS / GRANTS

Totally 77 contracts from which:

Director for 17 research contracts (in Romanian):

1. Waste Reduction and Management by implementing circular economy in western Africa _WARM - ERASMUS-EDU-2024-CBHE-STRAND-2, ERASMUS2027, cod proiect 101179192, 2024-2026, coordonator Conf.habil.dr.ing. Brindusa Sluser.
2. Grant **COST ACTIONS OC-2023-1-26944** European Network for Multiple View Life Cycle Sustainability Assessment, period 2024-2026, national network coordinator, responsible TUIASI – Conf.habil.dr.ing. Brindusa Sluser.
3. **Grant funded by World Bank**, Romanian Secondary Education (ROSE), contract AG 195/NC/SGU/II/13.09.2019, StepUp, value 700490 lei (TVA incl.), 150000 Euro, period 2019 – 2022, “Gheorghe Asachi” Technical University of Iasi.
4. **Research grant no. 901P/2015**, in Romanian - *Studii privind radioactivitatea unor materiale de constructii din caramida si BCA*, beneficiar S.C. PRO – BCA Organizatia Patronala a Producatorilor de BCA, Bucuresti, valoare 30000 RON+TVA, derulat prin CCTT Polytech, Universitatea Tehnica “Gheorghe Asachi” din Iasi.
5. **Research grant no. 1399P/17.09.2015**, in Romanian, *Analize fizico chimice ale deseurilor menajere prelevate din depozitul de deseuri neconform Campia Turzii, Cluj*, beneficiar S.C. Proexrom SRL, valoare 2800 RON+TVA, derulat prin CCTT Polytech, Universitatea Tehnica “Gheorghe Asachi” din Iasi (perioada 2015-2017).
6. **Research grant no. P/2015**, in Romanian, *Analize fizico chimice*, beneficiar SALUBRIS SA IASI, valoare 8700 RON+TVA, derulat prin Polytech, Universitatea Tehnica “Gheorghe Asachi” din Iasi (perioada 2015-2017).
7. **Research grant no. 1798P/03.12.2014**, in Romanian, *Analize fizico chimice*, beneficiar S.C. Proexrom SRL, valoare 2800 RON+TVA, derulat prin CCTT Polytech, Universitatea Tehnica “Gheorghe Asachi” din Iasi.
8. Environmental Consultancy contract, in Romanian – Consultanta pentru controlul implementarii proiectelor finantate prin Programul Operational Sectorial – POS CCE Axa 2, Beneficiarul final - Agentia Nationala pentru Cercetare Stiintifica (ANCS) - *Organism Intermediar pentru POS CCE, Axa 2 Cercetare Dezvoltare*, perioada 01.03.2010 - 31.07.2011.
9. Environmental Consultancy contract, in Romanian - *Evaluarea strategica a mediului prin elaborarea Raportului de mediu pentru Planul urbanistic general al comunei Ramnicelu, jud. Braila*, Beneficiar Consiliul Local al Comunei Gemenele, jud. Braila, 2013
10. Environmental Consultancy contract, in Romanian - *Evaluarea strategica a mediului prin elaborarea Raportului de mediu pentru Planul urbanistic general al comunei Gemenele, jud. Braila*, Beneficiar Consiliul Local al Comunei Gemenele, jud. Braila, 2010
11. Environmental Consultancy contract, in Romanian - *Evaluarea strategica a mediului prin elaborarea Raportului de mediu pentru Planul urbanistic general al comunei Scortaru Nou, jud. Braila*, Beneficiar Consiliul Local al Comunei Scortaru Nou, jud. Braila, 2010.
12. Environmental Consultancy contract, in Romanian - *Evaluarea impactului asupra mediului prin realizarea Raportului de impact asupra mediului pentru Statiunea de cercetari piscicole Potoci Neamt, 2010.*
13. Environmental Consultancy contract, in Romanian - *Consultanta de mediu privind politicile si strategiile Europene pentru agricultura ecologica*, Beneficiar S.C. Akkeron Farming S.R.L., valoare contract 25500 RON + TVA, iunie-iulie 2010.
14. **Research contract** no. 10992P/2009, in Romanian, *Analize biochimice si calitative*, valoare totala 118.000 RON (23000 Euro + TVA), beneficiar Universitatea de Ştiinţe Agricole şi Medicină Veterinară Iaşi, subcontract la proiectul Phare RO 2006/018-447 01 01 02 – „Cooperare transfrontalieră pentru înfiinţarea unui Centru zonal privind formarea de experţi pentru sediul, păstrarea şi managementul resurselor genetice vegetale, în vederea utilizării eficiente a patrimoniului genetic şi a conservării mediului ambiant”, parteneri: Universitatea de Ştiinţe Agricole şi Medicină Veterinară Iaşi (U.S.A.M.V. Iaşi), F.U.S.P.A. România şi Institutul „Secţia” Bălţi, Universitatea de Stat Bălţi, Republica Moldova.
15. Environmental Consultancy contract, in Romanian - Consultanta de mediu pentru proiectul *Sprijin acordat Ministerului Mediului si Gospodaririi Apelor pentru pregatirea de proiecte in vederea realizarii de lucrari pentru protectia impotriva inundatiilor*, Beneficiarul Final al Proiectului – MINISTERUL ECONOMIEI FINANTELOR - O.P.C.P., suma contractata 18000 RON + TVA (perioada 1.11.2008-30.04.2009)., derulat prin CCTT Plytech, Universitatea Tehnica “Gheorghe Asachi” din Iasi.
16. Research contract, in Romanian - *Evaluarea calitatii factorilor de mediu, valoare totala 450 RON*, beneficiar S.C. *ELECTRA S.A. Iasi*, 2008, derulat prin CCTT Plytech, Universitatea Tehnica “Gheorghe Asachi” din Iasi.
17. Research contract, in Romanian - *Realizarea documentatiei de mediu in vederea obtinerii Autorizatiei de mediu* (Bilant de mediu de nivel I si II), - *Contract 342P/2007*, valoare totala 6500 RON, beneficiar S.C. ELMET INTERNATIONAL S.R.L., 2007, derulat prin CCTT Plytech, Universitatea Tehnica “Gheorghe Asachi” din Iasi.

- Member / collaborator for 57 contracts / grants:

International grants:

1. **INGENIUM Alliances of European Universities**, cod ERASMUS-EDU-2022-EUR-UNIV, ID 101090042, Sluser Brindusa coordinator of the Sustainable Development WP, director Prof.dr.ing. Irina Lungu, **2023-2025**.
2. **Environmental Education – OERs for Rural Citizens EnvEdu-OERs**, funded by EEA Grants, financial mechanism 2014-2021, partners Transilvania University of Brasov, Romania (project coordinator), University of Reykjavik, Iceland, Bucharest University of Economic Studies, Romania, Gheorghe Asachi Technical University of Iasi, Romania, responsible TUIASI – Profesor dr.ing. Carmen Teodosiu, **period 2020-2023**.
3. Integrated value chain for improvement on labour market – IVAC, EMS - ENI Code 2SOFT/1.1/94, Republica Moldova-Romania, responsible TUIASI Sef lcr.dr.ing. Gabriela Covatariu, period 2020-2021.
4. **INTERREG IVC-0757R2 ORGANZA – Network of Mediumsized Creative cities**, parteneri Universitatea Tehnica Gheorghe Asachi din Iasi si Primaria Municipiului Iasi, director proiect Prof.dr. ing. Antonela Curteza, 2010.
5. **COMENIUS Project – Education and Culture, Lifelong learning program. Cooperation Under The Objective Of Recycling Energy - C.U.O.R.E.**, Ministerul Educatiei, Cercetarii si Inovarii, Inspectoratul Scolar al judetului Iasi, prin Scoala Titu Maiorescu Iasi si Elena Cuza Iasi and international partners from Italia, Spania, Lituania, Polonia, Portugalia, Germania; 2009.
6. **Grant SOCRATES/MOD- Management and security assessment for sustainable environment –MASS**, 51388-IC-2004-RO-ERASMUS-MODUC-6, 2005-2007, Valoare 8000 Euro (24 months), director grant Prof.dr.ing. Carmen Teodosiu.
7. **Knowledge transfer and institutional capacity building for cleaner production in Romania**, Grant finantat de Swedish Institute Stockholm, 2002-2007, Director program: Thomas Lidhqvist, Prof.dr.ing. Matei MACoveanu, IIIIE Lund, Suedia
8. **PHARE 2003 Program – EuroAliment**, lector pentru *Standarde europene de mediu în industria alimentară - Implementarea sistemelor de management de mediu conform ISO 14000 în industria alimentară*, derulat în perioada martie – iunie 2005, la nivel regional NE – Moldova (Bacau, Botosani, Pascani, Piatra Neamt, Suceava).
9. **Implementation of Environmental Management Systems in Dutch and Romanian factories, Olanda**, Aprilie – Iunie 2000, membra in echipa, director proiect Prof.dr.ing. Carmen Teodosiu.

National grants / research contracts (in Romanian):

1. Proiect "Interventions for tertiary education - systemic measures to prevent and reduce university drop-out", cod MySMIS: 322473, derulat de Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării (UEFISCDI) în parteneriat cu Ministerul Educației (ME) în perioada 01.08.2024 – 31.07.2027, finanțat prin Programul Educație și Ocupare (PEO) 2021-2027.
2. Proiect FDI, CNFIS-FDI-2024-F-0598, 2024, director conf.dr.ing. Ionut Ovidiu Toma, 2024-2025.
3. Proiect CNFIS-FDI-2023-F-0016, **TechGo2**: Institutional development for transversal competences in TUIASI, director Prof.dr.ing. Alina Adriana Minea, 2023.
4. Proiect Reducerea abandonului scolar al studentilor din anul I prin activitati remediative si consiliere in Centrul de Invatare din cadrul TUIASI (REMEDIUM), director proiect Prof.dr.ing. Neculai Seghedin, membru in echipa de experti formatori, 2022.
5. Proiect cofinanțat din Fondul Social European prin Programul Operațional Capital Uman 2014-2020, Axa prioritară 6 - Educație și competențe, Obiectivul specific 6.13, proiect POCU/626/6/13/130661 - "Stagii de PRACTICă performante pentru studenții Universității Tehnice Gheorghe Asachi Iași – **PRACTIC**", director Prof.dr.ing. Neculai Seghedin, membru in echipa (expert intreprinderi simulate), 2021-2022.
6. Contract de finanțare OIPOS DRU NE: 10538/22.09.2020, Cod SMIS: 130661 Proiect POCU 626/6/13/131181/2020, din cadrul Programului Operational Capital Uman, numărul de referință 2014RO05M9OP001, finanțat prin Ministerul Fondurilor Europene - OIPOS DRU, cu titlul "Inserția absolvenților prin stagii de pregătire PRACTică moderne și eficiente din cadrul Universității TEHnice Gheorghe Asachi din Iași, pe piața muncii-**PRACTEH**", director Conf.dr.ing. Lidia Gaiginschi, membru in echipa (expert intreprinderi simulate), 2021-2022.
7. Contract POCU/626/6/13/131181 (OIPOS DRU NE 10372/21.09.2020), Cod SMIS: 131181 Program cofinanțat din Fondul Social European, Programul Operațional Capital Uman 2014 – 2020, Cod SMIS 123975, Axa prioritară 6 – Educație și competențe, Domeniul major de Intervenție 10.ii. Îmbunătățirea calității și eficienței și accesul la învățământul terțiar și a celui echivalent în vederea creșterii participării și a nivelului de educație, în special pentru grupurile defavorizate, beneficiar UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI, titlul proiect: *Dezvoltarea culturii antreprenoriale a studenților de la inginerie și arhitectură prin crearea unei rețele de centre de pregătire în antreprenoriat-**AntreprenorIng***, director Prof.dr.ing. Neculai Seghedin, membru in echipa (expert formator) (2019-2021).
8. Grant finantat de Banca Mondiala, programul ROSE_punte, Reactioneaza chimic cu mediul universitar, TUIASI, director grant Conf.dr.ing. Irina Carlescu (2019-2021), membru in echipa (expert formator).
9. Grant PN-III-P1-1.2-PCCDI-2017-0245, *Sustainable Environmental treatment and integrated processes, wastewaters reuse and solid wastes valorization*, contract no. 26/2018, total amount 5287500 RON, director: Prof.dr.ing. Carmen Teodosiu, period 2018-2021.

10. „Produse și tehnologii ecoinovatoare pentru eficiență energetică în construcții”, EFECON, Beneficiar: Universitatea Tehnică "Gheorghe Asachi" din Iași, Proiect cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Competitivitate 2014-2020, valoarea totală a proiectului: 8.862.750 lei, director proiect Prof.dr.ing. Dorina Nicolina Isopescu.
11. „International la puterea t”, contract de finanțare tip CNFIS-FDI-2017-0206, director de proiect Prof.dr.ing. Irina Lungu, membru în echipa – expert invatamant superior, 2017.
12. „Noi abordări în formarea profesională a specialiștilor din domeniul Ingineria Mediului în vederea dezvoltării durabile regionale și a corelării la cerințele actuale ale pieței muncii (REGIOSIM)”, POSDRU/156/1.2/G/136423, Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial Dezvoltarea Resurselor Umane 2007-2013, Axa prioritară 1: „Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere”, Domeniul major de intervenție 1.2: „Calitate în învățământul superior”, Beneficiar: Universitatea „Vasile Alecsandri” din Bacău; Partener (P1): Universitatea Tehnică „Gheorghe Asachi” din Iasi - director Prof.dr.ing. Carmen Teodosiu, 2014-2015.
13. *Grant PN II Integrated System For Reducing Environmental And Human– Related Impacts And Risks In The Water Use Cycle*, contract nr. 60/2012 (WATUSER), director: Prof.dr.ing. Carmen Teodosiu, 2012-2015.
14. Contract de cercetare, contract nr. 3633P/11.11.2012 cu tema Analize fizico-chimice ale apei uzate provenite de la statia de epurare a SC DELPHI DIESEL SYSTEMS ROMÂNIA S.R.L, director Asist.dr.ing. Corina Petronela Musteret, valoare totala 95340 lei, 2011-2013.
15. Contract de cercetare STUDII PRIVIND EFICIENTIZAREA STATIEI DE EPURARE A SC DELPHI DIESEL SYSTEMS ROMÂNIA S.R.L., director de proiect: dr.ing. George Barjoveanu, valoare totala 86850 RON+TVA, ian-aprilie 2012.
16. POSDRU, *Rețea Nationala continua a Cadrelor didactice din Invatamantul Preuniversitar Profesional si Tehnic (CONCORD)*, Beneficiar Universitatea Politehnica din Bucuresti, POSDRU/87/1.3/S/61397, responsabil partener UTI : Prof.dr. Mircea Dan Gusa, (membru in echipa in calitate de expert local), 2012-2013.
17. POS-DRU, *De la teorie la practică prin întreprinderea simulată*, Beneficiar: Ministerul Educației, Cercetării, Tineretului și Sportului Contract de finanțare: POSDRU/90/2.1/S/58123, director UTI, Prof.dr.ing. Constantin Baci, (membru in echipa in calitate de expert local), 2011-2013.
18. *Construire si implementare sisteme de management de mediu (inclusiv Analiza initiala de mediu)*, conform ISO 14001 la S.C. ELMET INTERNATIONAL BACAU S.R.L., 2010.
19. *Evaluarea riscului de mediu pentru dezafectare si ecologizare statie de mixturi asfaltice Birlad*, beneficiar S.C. Lucrari Drumuri si Poduri S.A. – Consiliul Judetean Vaslui (coordonator), 2009.
20. *Finanțare manifestări științifice ICEEM 05/2009*, valoare totala 8000 RON, sursa de finanțare MECI; director: prof.dr.ing. Matei Macoveanu, responsabil Brindusa Robu, 2009.
21. *Construire si implementare sisteme de management de mediu (inclusiv Analiza initiala de mediu)*, conform ISO 14001 la S.C. Arcelor Tubular Products IASI S.A., 2008.
22. Program PNCDI Parteneriate PN II PART. 32-125/2008, Sistem Suport Tehnico-Decizional Pentru Managementul Durabil Al Apei (STEDIWAT), director proiect: Prof.dr.ing. Carmen Teodosiu
23. Program PNCDI IDEI 595/2007 *Studii integrate privind comportarea poluanților persistenți și riscurile asociate cu prezența lor în mediul înconjurător*, Director de proiect: Prof. dr. ing. Maria Gavrilescu
24. PNCDI Capacitati, Extinderea competențelor laboratorului de analiză și control a factorilor de mediu în domeniul estimării, caracterizării și valorificării resurselor regenerabile și reciclabile prin procedee chimice și biotehnologice MEDRES Lab., director: Conf.dr.ing. Irina Volf
25. Program CEEX/MEdC *Decontaminarea apelor poluate accidental cu produse petroliere si ioni de metale grele, folosind sorbenti naturali, sintetici si neconventionali*, Contract 5933/2006., 2006-2008, valoare totala: 500500 RON-Universitatea Tehnică Gh Asachi Iasi, Director: prof.dr.ing. Matei Macoveanu
26. Program CEEX/ MEdC *Rețea integrată pentru managementul durabil al resurselor de apa*, Contract 115/01.08.2006., 2006-2008, 115000 RON-Universitatea Tehnică Gh Asachi Iasi, Director: prof.dr.ing. Carmen Teodosiu
27. Program INFRATECH: *Dezvoltarea cercetării și îmbunătățirea infrastructurii de inovare și transfer tehnologic din Parcul Științific Tehnologic Iași* - valoare totala: 500000 RON, MedC, 2005/2007
28. *Construire si implementare sisteme de management de mediu (inclusiv Analiza initiala de mediu)*, conform ISO 14001 la S.C. Arcelor Tubular Products Roman S.A. (membru in echipa), 2007.
29. *Finanțare manifestări științifice ICEEM 03/2006 - Contract nr. 125/2006*, valoare totala 6000 RON, sursa de finanțare MEdC; director: prof.dr.ing. Matei Macoveanu, 2006
30. *Realizarea documentației de mediu in vederea obtinerii Autorizatiei integrate de mediu (Bilant de mediu de nivel I si II, Evaluarea riscului de mediu, Raport de amplasament) - Contract 1487P/2005*, valoare totala: 65000 RON, S.C. MITTAL STEEL ROMAN, 2007;
31. *Realizarea documentației de mediu in vederea inchiderii instalatiei de cromare (Bilant de mediu de nivel I si II, Evaluarea riscului de mediu)*, valoare totala: 9000 RON, S.C. MITTAL STEEL ROMAN, 2006;
32. *Realizarea documentației de mediu in vederea obtinerii Autorizatiei de mediu (Bilant de mediu de nivel I si II, Evaluarea riscului de mediu) - Contract 2360P/2005*, valoare totala 12500 RON, S.C. MITTAL STEEL IASI 2005-2007;
33. *Realizarea documentației de mediu in vederea obtinerii Autorizatiei integrate de mediu (Bilant de mediu de nivel I si II, Evaluarea riscului de mediu, Raport de amplasament)*, S.C. MITTAL STEEL IASI- SECTIA

- ZINCARE, 2005;
34. *Realizarea documentației de mediu Evaluarea riscului de mediu pentru depozitul de deseuri nerecuperabile - valoare totala 4000 RON, S.C. MITTAL STEEL IASI, 2007*
 35. *Realizarea documentației de mediu in vederea obtinerii Autorizatiei de mediu (Bilant de mediu de nivel I si II, Evaluarea riscului de mediu), valoare totala 9500 RON, S.C. URBAN SERV S.R.L BOTOSANI 2005;*
 36. Grant CNCISIS tip A, Contract 2006, cod CNCISIS 288, tema 17 *Eco-proiectarea proceselor, produselor si serviciilor in relatie cu componentele managementului de mediu, in contextul dezvoltarii durabile*, Director: prof. Matei Macoveanu, Membru în echipa de cercetare, Durata: 3 ani (2006-2008), Valoarea totala:115000 RON, Valoarea 2006: 35000 RON
 37. Grant CNCISIS tip A, Contract 2006, Cod 511, tema 36 *Identificarea și analiza strategiilor și tehnologiilor pentru prevenirea poluării și producție mai curată, ca instrumente ale dezvoltării durabile, în sistemele de producție și servicii*, 32500 RON, Director de proiect: Prof.dr.ing. Maria Gavrilescu
 38. Grant CNCISIS tip A, Contract 34664/24.06.2005, Cod 511, tema 27 *Identificarea și analiza strategiilor și tehnologiilor pentru prevenirea poluării și producție mai curată, ca instrumente ale dezvoltării durabile, în sistemele de producție și servicii*, 225 milioane lei, Director de proiect: Prof.dr.ing. Maria Gavrilescu
 39. Grant CNCISIS tip A, Contract 33371/2004, Cod 511, tema 23 si tema 13 *Identificarea și analiza strategiilor și tehnologiilor pentru prevenirea poluării și producție mai curată, ca instrumente ale dezvoltării durabile, în sistemele de producție și servicii*, 100 milioane si tema 13 suplimentara, 30000 mii lei, Director de proiect: Prof.dr.ing. Maria Gavrilescu
 40. Grant CNCISIS tip A, Contract 34664/24.06.2005, Cod 774, tema 35 *Bioremedierea factorilor de mediu afectati de fenomenul poluării aplicand procese specifice ingineriei chimice si biotehnologiei*, 175 milioane lei, Membru în echipa de cercetare, Director: Prof. dr.ing. Matei Macoveanu.
 41. Grant CEEX contract nr. 26/2005, *Experimentarea Si Imbunatatirea Tehnologiei De Exploatare Biologica Pe Un Modul De Livada Intensiva De Mar, Cu Impact Favorabil Asupra Sanatatii Consumatorului Si A Mediului Inconjurator*, (2005-2008), director S.I.dr.ing. Mariana Diaconu.
 42. Grant CNCISIS tip A, Contract 33371/2004, Cod 774, tema 63 si tema 23 *Bioremedierea factorilor de mediu afectati de fenomenul poluării aplicand procese specifice ingineriei chimice si biotehnologiei*, 100000 mii lei + 30000 mii lei suplimentare, Membru în echipa de cercetare, Director: Prof. dr.ing. Matei Macoveanu
 43. *Evaluarea riscului de mediu pentru inchidere sectia turnatorie si prestari serviciil din cadrul S.C. Mittal Steel Roman S.A., 2004*, Director: Prof. dr.ing. Matei Macoveanu.
 44. Grant CNCISIS tip A, Contract 40222/2003, Cod 316, tema 13 *Bioremedierea factorilor de mediu afectati de fenomenul poluării aplicand procese specifice ingineriei chimice si biotehnologiei*, 82500 mii lei, , Director: Prof. dr.ing. Matei Macoveanu.
 45. *Evaluarea riscului de mediu pentru Santierul Naval Mangalia – S.C. Daewoo S.R.L.*, Director: Prof. dr.ing. Matei Macoveanu, 2003.
 46. *Evaluarea riscului de mediu pentru Santierul Naval Constanta*, Director: Prof. dr.ing. Matei Macoveanu, 2003.
 47. *Bilant de mediu de nivel I pentru S.C. MiccaRom S.R.L. (membru in echipa)*, Director: Prof. dr.ing. Matei Macoveanu , 2002.
 48. *Impactul apelor uzate rezultate din fabricarea drojdiei de bere asupra râului Siret*, 2001, in cadrul *Centrului de Informare și Consultanță InterMediu* de la Facultatea Inginerie Chimica si Protectia Mediului si in colaborare cu Universitatea “Gh. Asachi” si Universitatea Groningen, Olanda.
 49. *Evaluarea calității apei potabile din orașul Iași*, 1999-2000, in cadrul *Centrului de Informare și Consultanță InterMediu*, Facultatea Inginerie Chimica si Protectia Mediului, Universitatea “Gh. Asachi” si Universitatea Groningen, Olanda.

Professor habil. dr. eng. Brindusa SLUSER

February, 2026