

## PERSONAL INFORMATION

## Prof. dr. habil. eng. Antoaneta ENE



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 [https://www.researchgate.net/profile/Antoaneta\\_Ene/](https://www.researchgate.net/profile/Antoaneta_Ene/)  
<https://scholar.google.ro/citations?user=RSsoZyUAAAJ&hl=en>  
<http://www.researcherid.com/rid/C-1386-2011>  
<https://orcid.org/0000-0002-6976-0767>  
<https://www.scopus.com/authid/detail.uri?authorId=6603045847>  
<http://www.cnatdcu.ro/wp-content/uploads/2019/04/18.-ENE-Antoaneta.pdf>

Sex Female Date of birth 07/07/1964 Nationality Romanian

## POSITION

Member of CNATDCU,  
Commission: *Geological Engineering, Geodetic Engineering, Mines, Oil and Gas / Inginerie Geologică, Inginerie Geodezică, Mine, Petrol și Gaze*

## WORK EXPERIENCE

- September 2015 - present **Full Professor, Ph. D. habilitated**  
„Dunarea de Jos” University of Galati (UDJG), Romania  
▪ Research activities, Doctoral supervisor  
Business or sector Doctoral School of Mechanical and Industrial Engineering
- September 2014 - present **Full Professor, Ph. D.**  
„Dunarea de Jos” University of Galati, Romania, Faculty of Sciences and Environment  
▪ Teaching and Research activities; Faculty of Sciences and Environment & Faculty of Medicine and Pharmacy  
Business or sector Higher Education
- February 2004- September 2014 **Associated Professor, Ph. D.**  
„Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences  
▪ Teaching and Research activities  
Business or sector Higher Education
- September 2010- present **Head of Physics Division and Deputy Head of Chemistry, Physics and Environment Department**  
„Dunarea de Jos” University of Galati (UDJG), Physics Department  
▪ Management  
Business or sector Higher Education
- January 2007– September 2010 **Head of Physics Department**  
„Dunarea de Jos” University of Galati (UDJG), Physics Department  
▪ Management  
Business or sector Higher Education

April 2005- January 2007	<b>Deputy Head of Physics Department</b> „Dunarea de Jos” University of Galati (UDJG), Physics Department ▪ Management <b>Business or sector</b> Higher Education
February 1996- February 2004	<b>Lecturer (Ph. D. from December 1997)</b> „Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences ▪ Teaching and Research activities <b>Business or sector</b> Higher Education
October 1991- February 1996	<b>Assistant Lecturer</b> „Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences and Letters ▪ Teaching and Research activities <b>Business or sector</b> Higher Education
March 1991- October 1991	<b>Associate Assistant</b> „Dunarea de Jos” University of Galati (UDJG), Romania, Faculty of Sciences and Letters ▪ Teaching activities <b>Business or sector</b> Higher Education
March 1990 - March 1991	<b>Project Engineer</b> Rolling Mill Designing Institute IPROLAM, Bucharest, Romania, Galati Branch – Iron and Steel Works SIDEX Platform ▪ Projecting Activity, Measurement and Control Devices Division, Automatization <b>Business or sector</b> Metallurgical Industry
October 1987 - March 1990	<b>Physicist Engineer</b> PETROTUB Pipes Metallurgical Works, Roman, Neamt County, Romania ▪ Quality Technical Control Division (Laboratories of: Mechanical Testing; Defectoscopy; Chemistry – X-ray Fluorescence) <b>Business or sector</b> Metallurgical Industry

**EDUCATION  
AND TRAINING**

June-July 2018	<b>Postgraduate program of training and professional development, EQF level 7</b> <b>Domain: Management; programme: Project Management</b> „Dunarea de Jos” University of Galati (UDJG), Romania Title of thesis: “ <i>Cross-border research network in Lower Danube and Black Sea basins for the mitigation of environmental pollution (NETSEAPOL)</i> ”.
February 27, 2017	<b>Permit (second level) to exert nuclear activities. Domains:</b> 1) Radiations generators - specialization: Analyses with X-rays; 2) Sealed radioactive sources - specialization: Applications with radioactive sources CNCAN Bucharest ▪ Radiations generators, sealed radioactive sources
April 4, 2016 - April 22, 2016	<b>Certificate in Security in Radiological Protection, Domain: Nuclear Engineering</b>

Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering

- Radiations generators, radiation detectors, interaction of radiations with matter, particle accelerators, sealed radioactive sources, open radioactive sources, radio-pharmaceuticals, calculation of dose rates and effective doses

September 2015 **Certificate of Doctor habilitated, Domain: Engineering Sciences, Specialty: Industrial Engineering** EQF level 8

,„Dunarea de Jos” University of Galati, Doctoral School (Order of Ministry of Education and Research no.5343/29.09.2015)

- Title of Habilitation thesis: “*Applications of high sensitivity analytical techniques in industry and pollution management for trace chemical composition characterization of complex samples*”.

October 2005 - June 2008 **B. Sc. Degree (2<sup>nd</sup> specialty), Domain: Mathematics, Specialty: Mathematics informatics** EQF level 5

,„Dunarea de Jos” University of Galati, Faculty of Sciences

- General and specialized courses of Mathematics and Informatics within the 1<sup>st</sup> cycle of Bologna studies. Title of B.Sc. thesis: “*Applications of vector calculus in Physics*”.

October 2005 - June 2007 **M. Sc. Diploma, Domain: Environmental Sciences - Environment Management and Monitoring** EQF level 7

,„Dunarea de Jos” University of Galati, Faculty of Sciences

- General and specialized courses in the domain of Environmental Sciences within the post-university studies cycle; Title of dissertation thesis: “*Atomic and nuclear methods used in pollution studies*”.

May 1993 - December 1997 **Ph. D., Domain: Physics, Specialty: Elementary Particles Physics** EQF level 8

University of Bucharest, Faculty of Physics

- Applications of the atomic and nuclear methods for the microstructural analysis of the materials from the metallurgical industry; Title of Ph. D. thesis: “*Study of structure of microelements of iron ores, agglomerates and related iron and steel products by atomic and nuclear methods*” (supervisor: Prof.dr. Calin Besliu).

September 1982 - July 1987 **B. Sc. Degree in Engineering, Domain: Physics, Specialty: Technological Physics** EQF level 6

University of Bucharest, Faculty of Physics

- General and specialized courses in the Physics domain, specialty: Technological Physics, Section: Measuring and Control Devices; Title of B. Sc. thesis: “*Study of the chemical structure of some steels and thin rolled plates by X-ray Fluorescence method and Neutron Activation Analysis*” (supervisor: Prof.dr. Calin Besliu).

September 1978 - July 1982 **Baccalaureate Degree, specialty: Mathematics-Physics**

„Vasile Alecsandri” High School of Galati, Mathematics and Physics

#### PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C1	C1	B1	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](http://ec.europa.eu/dgs/translation/index_en.htm)

<b>Communication skills</b> <b>Organisational / managerial skills</b> <b>Job-related skills</b>	<p>Good communication skills gained through my experience as professor and head of department</p> <ul style="list-style-type: none"> <li>• Director of INPOLDE interdisciplinary network, created in the frame of RO-UA-MD MIS ETC 1676 EU funded project;</li> <li>• Scientific Director of ReFORM-UDJG Multidisciplinary Platform (since September 2018) and Coordinator of the ReFORM-UDJG Platform (since January 2020)</li> <li>• Coordinator for Industrial Engineering domain, Doctoral School of Mechanical and Industrial Engineering (Faculty of Sciences and Environment)</li> <li>• President of the Scientific Research Commission of the Senate of "Dunarea de Jos" University of Galati &amp; Vice-President of the Scientific Council of "Dunarea de Jos" University of Galati (2016-2019)</li> <li>• Leadership (Chief of Physics Department/Deputy Head of Chemistry, Physics and Environment Dept.); manager of research projects in partnership</li> <li>• Management skills (organizing national physics conferences with international participation – as president or vice-president; Editor-in-chief - Annals of "Dunarea de Jos" University of Galati, Fascicle II, Mathematics, Physics. Theoretical Mechanics; Coordinator of the "Atomic and Nuclear Spectroscopy" Laboratory of the "Physical-Chemical and Morphofunctional Analyses and Chemometry" institutionalized Research Center, "Dunarea de Jos" University of Galati, Romania) (2007-2018)</li> <li>• Experience in the management of the environment (Masters studies)</li> <li>• A good knowledge of the quality control processes in the industry and environment; Mastery of high precision and high sensitivity techniques for the analysis and the control of metallurgical, environmental and geological materials and environment monitoring; Mathematical modelling in industry and environment; competences in radiation protection</li> <li>• Determination of trace elements and radionuclides in industrial, geological and environmental materials and food items;</li> <li>• Monitoring radon and thoron activity in indoor spaces;</li> <li>• Modelling of industrial and environmental processes;</li> <li>• High precision and sensibility techniques (EDXRF, NAA, PIXE, AAS, UV-VIS, HPLC, GC-MS, GC-ECD, SEM-EDX, ICP-OES, ICP-MS, CVAAS) used for the monitoring of environmental pollution (soil, water, air, vegetation, wastewater sludge) with heavy metals, polycyclic aromatic hydrocarbons (PAHs) and pesticides, and assessment of food quality;</li> <li>• Employment of thermal-NAA technique for the determination of the transfer efficiencies of some minor and trace elements from raw and auxiliary materials to pig iron, slag and steel products during the metallurgical elaboration processes; correlation of the results obtained by nuclear methods (NAA, PIXE, PIGE) on the structure of microelements in the technological flux ores-sinter-pig iron-steels with the mechanical properties of the finite products;</li> <li>• Application of 14 MeV-NAA for the analysis of gold and other microelements in auriferous sands, concentrates and rocks;</li> <li>• Certificate of training for High Resolution Continuum Source Atomic Absorption Spectroscopy technique with ContrAA 700 (flame, graphite furnace, hydride generation) and UV-VIS Spectroscopy (Specord 200+) –Analytic Jena, Germany.</li> <li>• Certificate of training for High resolution Gamma-ray Spectrometry</li> </ul>
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**Digital competence**

<b>SELF-ASSESSMENT</b>				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

[Digital competences - Self-assessment grid](#)

- Data bases: ACCESS and SQL; Computer networks; Microsoft Office (Word, Excel, PowerPoint); HTML; C/C++ Software (B. Sc. degree in Mathematics informatics)
- Software for X and gamma spectra processing: GammaW, GUPIX, LEONE; ORIGIN, MATLAB, STATISTICA

- Other skills**
- Doctoral supervisor, Domain: Industrial Engineering, Doctoral School of Mechanical and Industrial Engineering, „Dunarea de Jos” University of Galati
  - Evaluator of ARACIS - Commission of Environmental Science
  - Short term expert (from Oct. 2009), Specialization: Physical Engineering, Project POSDRU (*Sector Operational Program of Human Resources Development*) 2/1.2/S/2 "DOCIS ACPART" (*Development of an Operational System of Trainings in Higher Education in Romania - National Agency for Trainings in Higher Education and for Partnership with the Social and the Economical Environment*)
  - Experience in quality ensuring in higher education (member of the Quality Assessment Commission of „Dunarea de Jos” University of Galati, between 2005-2009; President of Quality Assessment Commission of Faculty of Sciences and Environment 2012-2019);
  - Experience in coordinating and elaborating evaluation files by ARACIS (The Romanian National Council of Academic Evaluation and Accreditation of Higher Education Institutions) for B. Sc. and M. Sc. in the domain of Physics: Physics and Physical-Chemical Analyses in Material Science and Environment;
  - High precision and sensibility techniques (NAA, PIXE, PIGE, EDXRF, AAS, ICP-OES, UV-VIS, GC-MS, GC-ECD, SEM) used for the characterization of advanced materials and evaluation of anthropogenic activities impact over environment and life quality and monitoring of environmental pollution – soil, water, air and biomonitoring: mosses, mushrooms, vegetables, aquatic plants and organisms (fish), food;
  - Nuclear and related analytical techniques for Environmental and Life Sciences - part of the international program "HEAVY METALS IN EUROPEAN MOSSES - Monitoring long-term and large-scale changes in heavy-metal deposition".
  - Invited lecturer and member of the scientific committee of the summer school „The 3rd Joint Seminar JINR-Romania on Neutron Physics for Investigations of Nuclei, Condensed Matter and Life Sciences”, Targoviste, Romania, 24-30 July 2011;
  - Reviewer at ISI journals: Journal of Hazardous Materials; Science of the Total Environment; Microscopy and Microanalysis, Polish Journal of Environmental Studies, Chemosphere, Romanian Journal of Physics, Environmental Science and Pollution Research, Journal of Geochemical Exploration; Romanian Biotechnological Letters; Polycyclic Aromatic Compounds; Ecotoxicology and Environmental Safety; Fresenius Environmental Bulletin, Spectroscopy Letters, Analytical and Bioanalytical Chemistry; Air Quality, Atmosphere & Health; Talanta; Nuclear Instruments and Methods in Physics Research, B; Desalination and Water Treatment; Urban Water Research; Soil and Sediment Contamination An International Journal; Pediatric Research; International Journal of Ambient Energy; Environmental Technology; Chemistry Journal of Moldova, SN Applied Sciences; Ecological Indicators; Journal of Radioanalytical and Nuclear Chemistry; Atmosphere; Applied Radiation and Isotopes; International Journal of Environmental Analytical Chemistry; Emerging Contaminants; Sedimentary Geology; Environmental Earth Sciences; Food Chemistry.
  - Reviewer at IDB journals: "African Journal of Environmental Science and Technology"; "African Journal of Biotechnology", "African Journal of Pure and Applied Chemistry"; "Journal of Science and Arts"; "Analele Universității "Dunărea de Jos" din Galați, Fascicula II, Mat.Fiz.Mec.teor.
  - Editor of WoS indexed journal Atmosphere;
  - Official reviewer of doctoral theses – University of Bucharest (Physics); Dunarea de Jos University of Galati (Industrial Engineering);
  - Official reviewer of habilitation theses – Polytechnic University of Timisoara (Industrial Engineering)
  - Official reviewer of dissertation theses – University of Cairo, Egypt.

#### ADDITIONAL INFORMATION

##### Memberships

- Member of the Romanian Society of Physics;
- Member of the General Association of Engineers from Romania (AGIR);
- Member of the European Physical Society (EPS) (2009)
- Member of „The International Cooperative Programme on Effects of Air Pollution on Natural Vegetation and Crops (ICP Vegetation)”.
- Member of research team „Atomic and nuclear methods used in technologies”, Atomic and Nuclear Physics Department, Faculty of Physics, University of Bucharest (1993-1998)
- Chair of the International Conference *Environmental Challenges in Lower Danube Euroregion*, Galati, June 25-26, 2015;

- Chair of the National Conferences of Applied Physics, 3rd and 4th Editions, Galati, 2007, 2008;
- Chair of: *1st International Symposium on Applied Physics – Materials Science, Environment and Health* (ISAP1), Galati, November 28th-29th, 2009; *MONITOX International Symposium Deltas and Wetlands*, Tulcea, September 15-17, 2019; *Hydropower Impact on River Ecosystem Functioning*. Proceedings of the International Conference, Tiraspol, Moldova, October 8-9, 2019;
- Vice-President of National Conference on Applied Physics, First and 2nd Editions, Galati 2005, 2006;
- Member of the organizing/scientific committee of the conferences: National Conference of Physics CNF2008, Bucharest, September 10-13, 2008; „Applied Sciences in the Study of Environment and Materials”, Targoviste, June 5-6, 2008 and April 28-30, 2010; European Dimensions of the Doctoral Programmes (Posdru 19524) International Workshop, July 21<sup>th</sup> - July 22<sup>th</sup>, 2010, Galati; International Workshop Research Quality in Doctoral School, Increased Industrial and International Visibility, 13-14 July 2011, Galati; ISINN24, Dubna, Russia, May 24-27, 2016; ISINN25, Dubna, Russia, May 22-26, 2017, ISINN27, Dubna, Russia, June 2019.

#### References

- Joint Institute of Nuclear Research (JINR), Dubna, Russia;
- Technological Educational Institute of Kavala, Greece;
- Institute of Zoology, Academy of Sciences of Moldova;
- Institute of Geology and Seismology, Academy of Sciences of Moldova;
- Katholieke Universiteit (KU) Leuven, Belgium

#### Honours and awards

- **11 ISI-Web of Science articles awarded** by CNCSIS/UEFISCDI;
- **1 habilitation thesis awarded** by UEFISCDU, PN-II-RU-ABIL-2015-2-109
- **Certificate of Excellence in Reviewing** - Chemosphere journal, Elsevier
- **Diploma of recognition of the Academy of Sciences of Moldova** for outstanding contribution in the development of scientific and didactic collaboration, management of science, successful application of scientific results into practice and promoting the image of science (Chisinau, 12 October 2016)

#### Courses

- Physics (Faculty of Mechanics-Year I, Engineering Sections: "Industrial Engineering"; "Economic Engineering", "Applied Mechanics", "Managerial and Technological Engineering"; "Mechatronics"; Faculty of Food Engineering –section "Engineering of Food Products"; Faculty of Metallurgy and Materials Science -College "Control of Metallurgical Processes");
- Radiometric Methods of Analysis (Faculty of Sciences-Year V, sections Chemistry-Physics and IV Physics-Chemistry and Physics-Mathematics);
- Physics of the Protection against Radiations (Faculty of Sciences- Post-university Studies).
- Devices and Methods of Measurement, Analysis and Control with Radiations (Faculty of Sciences- section of Post-university Studies).
- Biophysics (Faculty of Food Engineering: section "Ecology and Environmental Protection")
- Physics and Biophysics (Faculty of Medicine and Pharmacy-section Pharmacy);
- Physics of Atom and Molecule (Faculty of Sciences – Physics-Informatics, Physics, Physics-Chemistry and Physics-Mathematics);
- Nucleus Physics (Faculty of Sciences - Physics informatics);
- Radiometric Techniques of Analysis and Control (Faculty of Sciences - Master "Physical-Chemical Methods of Analysis and Control");
- Transport and Diffusion of Pollutants (Faculty of Sciences -Master "Monitoring and Management of Environment")
- Radioactive Pollution (Faculty of Sciences and Environment-Master "Monitoring and Management of Environment")
- Integrated Monitoring of Environment (Faculty of Sciences and Environment -section "Environment Science")
- Environmental Radioactivity (Faculty of Sciences and Environment -section "Environment Science")
- Techniques used in monitoring of environment quality (Faculty of Sciences and Environment -Master "Monitoring and Management of Environment").

## Publications

- **43 articles in ISI journals (Web of Science);**
- **71 articles in IDB journals; 7 articles in international refereed journals, 48 articles in CNCSIS journals; 26 books/chapters; 8 monographs published abroad;**
- **13 edited books and conference proceedings;**
- **199 presentations at international conferences; 26 papers published in conference volumes, 58 at national conferences with international participation;**
- **> 390 citations in ISI and IDB journals (>900 citations in Google Scholar); Research Gate Score RG=29.59 (22.04.2020);**
- **18 international projects/grants as director/co-director, 1 national project as responsible of partner team; 12 projects as member in the research team; 2 national grants ANCS - coordinator;**
- **7 agreements of international cooperation as institutional coordinator.**

## CNATDCU Domains

**Fulfilment of minimum standard conditions for habilitation – CNATDCU Commissions:**

- Industrial Engineering
- Physics
- Geological Engineering, Geodetic Engineering, Mines, Oil and Gas
- Environmental Engineering
- Earth Sciences

## Projects

**Research Projects as Director/Responsible:**

- RESEARCH PROJECT 2010 JINR-Romania no. 22, Nuclear and related analytical techniques for environmental and life sciences, JINR Theme No. 03-4-1036-2001/2010, Order IUCN no. 57/08.02.2010/Project No.10, Nuclear Physics with Neutrons-Fundamental and Applied Investigations, Protocol No.3869-4-08/10, **Leaders from Romania:** Popescu Ion V., **Ene Antoaneta**, Cucu-Man Simona, Todoran Radu.
- RESEARCH PROJECT 2011 JINR-Romania no. 43, Nuclear and related analytical techniques for environmental and life sciences, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, **Leaders from Romania:** Popescu Ion (Director, Valahia University of Targoviste), **Ene Antoaneta (Co-director, UDJ Galati)**, Cucu-Man Simona (Co-director, UAIC Iasi), Todoran Radu (Co-director, Univ. Baia Mare).
- RESEARCH PROJECT 2012 JINR-Romania no. 51, Crystallization processes and characteristics of cubic boron nitride studied by nuclear and related analytical and imaging techniques, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4113-4-11/13, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2012 JINR-Romania no. 66, Nuclear and related techniques for environmental and life sciences, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4080-4-2011-2013, **Leaders from Romania:** Popescu Ion (Project Director, Valahia University of Targoviste), **Ene Antoaneta (Co-director, UDJ Galati)**, Cucu-Man Simona (Co-director, UAIC Iasi), Todoran Radu (Co-director, Univ. Baia Mare).
- RESEARCH PROJECT 2013 JINR-Romania no. 61, Nitrides characteristics in B-N and Li-N systems studied by nuclear and related analytical and imaging techniques, Order IUCN 82/18.02.2013 & Order IUCN 81/18.02.2013, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4113-4-11/13, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2013 JINR-Romania no. 72, Nuclear and related analytical techniques for the environmental and life sciences, Order IUCN 82/18.02.2013 & Order IUCN 81/18.02.2013, JINR Theme no. 03-4-1104-2011/2013, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4080-4-2011-2013, **Leaders from Romania:** Popescu Ion (Project Director, Valahia University of Targoviste), Stihi Claudia (Co-director, Valahia University of Targoviste), Cristiana Radulescu (Co-director, Valahia University of Targoviste), **Ene Antoaneta (Co-director, UDJ Galati)**, Cucu-Man Simona (Co-director, UAIC Iasi).
- Project MIS ETC code 1676 "Cross-border interdisciplinary cooperation for the prevention of natural disasters and mitigation of environmental pollution in Lower Danube Euroregion" (19.12.2013-31.12.2015), Grant Contract 92370/11.12.2013, Grant Project funded by European Union (ENPI), Joint Operational Programme Romania-Ukraine-Republic of Moldova, Priority 2 – Environment and emergency preparedness, Sector code DACCRS:41082 - Environmental research, **Project Manager: Ene Antoaneta.**
- RESEARCH PROJECT 2014 JINR-Romania no. 78, Characterization of crystalline diamonds, boron and lithium nitrides using nuclear and related analytical techniques and imaging microscopy, JINR Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2015 JINR-Romania no. 87, Nuclear and related analytical techniques applied for air pollution and vegetation with heavy metals, nitrogen, and radionuclides., **Leaders from Romania:** I.V.Popescu, C. Stihi, **Ene A.**, S. Cucu-Man, R. Todoran.

- RESEARCH PROJECT 2015 JINR-Romania no. 84, Investigation of crystalline materials (diamonds, boron and lithium nitrides) using atomic and nuclear analytical techniques and imaging microscopy JINR Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2016 JINR-Romania no. 104, Investigation of crystalline materials (diamonds and boron nitrides) using atomic and nuclear analytical techniques and imaging microscopy, Theme no. 03-4-1104-2011/2016, Investigations in the Field of Nuclear Physics with Neutrons, Protocol No. 4321-4-14/16, **Director from Romania: Ene Antoaneta.**
- RESEARCH GRANT JINR-Romania no. 24/2016, Development of infrastructure of spectroscopy and microscopy laboratories used for the characterization of environmental and crystalline materials, Theme no. 03-4-1104-2011/2016, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2017 JINR-Romania no. 80, Investigation of advanced functional materials using atomic and nuclear analytical techniques and imaging microscopy, Theme no. 03-4-1128-2017/2019, Investigations of Neutron Nuclear Interactions and Properties of the Neutron, Protocol No. 4613-4-17/19, **Director from Romania: Ene Antoaneta.**
- RESEARCH PROJECT 2017 JINR-Romania no. 81, Applied research on air and soil pollution with toxic elements using nuclear and related analytical techniques, Theme no. 03-4-1128-2017/2019, Investigations of Neutron Nuclear Interactions and Properties of the Neutron, Protocols Nos. 4619-4-17/19, 4613-4-17/19, 4610-4-17/19, **Leaders from Romania:** Stihii Claudia (Project Director, Valahia University of Targoviste), **Ene Antoaneta (Co-director, UDJ Galati)**, Dan-Gabriel Ghita (Co-director, IFIN-HH Magurele).
- Project no. 72-172/2008, PN-II, 2008-2011; Research direction no. 7, Tehnici de Inalta Precizie si Sensibilitate Aplicate in Retele de Biomonitorizare a Poluarui Mediului cu Factori Poluananti din Zonele de Dezvoltare de Sud, Sud-Est si Centrala ale Romaniei / High precision and sensibility techniques applied in biomonitoring networks of environmental pollution with polluting factors from South, South-East and Central development regions of Romania (acronym: **TIPSARMER**), **responsible Partner 1 – Ene Antoaneta (Dunarea de Jos University of Galati)**; Director: Prof. Dr. Ion V. Popescu, University Valahia of Targoviste.
- RESEARCH PROJECT 2018 JINR-Romania no. 111, Assessment of industrial impact on agroecosystems and human health risk in Romania using nuclear and related analytical techniques, Theme no. 03-4-1128-2017/2019, **Leaders from Romania: Ene Antoaneta** (Project Director, UDJ Galati), Stihii Claudia (Project Responsible, Valahia University of Targoviste).
- RESEARCH PROJECT 2018 JINR-Romania no. 112, Assessment of air and soil quality in Romania studied by NAA and related analytical techniques, Theme no. 03-4-1128-2017/2019, **Leaders from Romania:** Stihii Claudia (Project Director, Valahia University of Targoviste), **Ene Antoaneta (Project Responsible, UDJ Galati)**.
- COST Action **CA18130, "European Network for Chemical Elemental Analysis by Total reflection X-Ray Fluorescence" (ENFORCE-TXRF)** (2019-2022), **Leaders from Romania: Ene Antoaneta** <https://enforcetxrf.eu/about/participants/>
- RESEARCH PROJECT 2019 JINR-Romania no. 63, Assessment of industrial impact on agroecosystems and human health risk in Romania using nuclear and related analytical techniques, JINR Theme no. 03-4-1128-2017/2019, Investigations in the Field of Nuclear Physics with Neutrons, **Leaders from Romania: Ene Antoaneta (Project Director, UDJ Galati)**, Stihii Claudia (Project Responsible, Valahia University of Targoviste).
- RESEARCH PROJECT 2019 JINR-Romania no. 64, Assessment of air and soil quality using biomonitoring, neutron activation analysis and related analytical techniques, JINR Theme no. 03-4-1128-2017/2019, Investigations in the Field of Nuclear Physics with Neutrons, **Leaders from Romania:** Stihii Claudia (Project Director, Valahia University of Targoviste), **Ene Antoaneta (Project Responsible, UDJ Galati)**.
- RESEARCH GRANT JINR-Romania no. 26/2019, Development of laboratory infrastructure for applications of nuclear and related techniques on the characterization of agricultural soils and transfer of potentially toxic elements in plants, Theme no. 03-4-1128-2017/2019, **Director Romania: Ene Antoaneta.** Plenipotentiary Representative of Romanian Government at Joint Institute for Nuclear Research (JINR), Dubna, Russia
- Project Joint Operational Programme Black Sea Basin 2014-2020, code BSB27, Title: Black Sea Basin interdisciplinary cooperation network for sustainable joint monitoring of environmental toxicants migration, improved evaluation of ecological state and human health impact of harmful substances, and public exposure prevention (MONITOX), **Project Manager Ene Antoaneta**).
- Project Joint Operational Programme Black Sea Basin 2014-2020, code BSB165, Title: Creating a system of innovative transboundary monitoring of the transformations of the Black Sea river ecosystems under the impact of hydropower development and climate change (HydroEcoNex), **Project coordinator Ene Antoaneta (Dunarea de Jos University of Galati)**).

**ANNEXES**
**A. List of relevant publications**
**SCIENTIFIC ARTICLES**
**Papers published in ISI-Thomson (Web of Science) journals**

1. Badica, T., Besliu, C., Ene, A., Olariu, A., Popescu, I., 1996, Coincidence method for the determination of minor elements in steel by proton- induced prompt gamma-ray spectrometry (PIGE), Nuclear Instruments and Methods in Physics Research B111, 321 – 324, ISSN 0168-583X.
2. Popescu, I., Badica, T., Olariu, A., Besliu, C., Ene, A., Ivanescu, Al., 1996, Multielemental analysis of metallurgical samples by thermal neutron activation, Journal of Radioanalytical and Nuclear Chemistry, Letters 213(5), 369–376, ISSN 0236-5731.
3. Ene, A., Badica, T., Olariu, A., Popescu, I.V., Besliu, C., 2001, Coincidence method for the analysis of minor elements in steel by deuteron-induced prompt g-ray spectrometry (d-PIGE), Nuclear Instruments and Methods in Physics Research, B179, 126 – 132, ISSN 0168-583X .
4. Lupu, R., Nat, A., Ene, A., 2004, Determination of gold in Romanian auriferous alluvial sands and rocks by 14 MeV neutron activation analysis, Nuclear Instruments and Methods in Physics Research, B217, 123 – 135, ISSN 0168-583X.
5. Ene, A., 2004, Improvement of sensitivity in PIGE analysis of steels by neutron-gamma coincidences measurement, Nuclear Instruments and Methods in Physics Research B222, 228 – 234, ISSN 0168-583X.
6. Nat, A., Ene, A., Lupu, R., 2004, Rapid determination of gold in Romanian auriferous alluvial sands, concentrates and rocks by 14 MeV NAA, Journal of Radioanalytical and Nuclear Chemistry, 261(1), 179 – 188, ISSN 0236-5731.
7. Ene, A., Popescu, I.V., Badica, T., 2006, Determination of carbon in steels using particle-induced prompt gamma ray spectrometry, Journal of Optoelectronics and Advanced Materials 8(1), 222-224, ISSN 1454-4164.
8. Popescu, I.V., Ene, A., Stihii, C., Bancuta, A., Dima, G., Badica, T., Ghisa, V., 2007, Analytical applications of particle-induced X-ray emission (PIXE), BPU-6, AIP Conference Proceedings 899, p. 538, ISBN 978-0-7354-0404-5, Journal ISSN:0094243X
9. Ene, A., Popescu, I.V., Badica, T., 2007, Multi-elemental analysis of steel by combined nuclear techniques, BPU-6, AIP Conference Proceedings 899, p. 539, ISBN 978-0-7354-0404-5, Journal ISSN:0094243X
10. Ghișă V., Popescu I. V., Belc M., Ene A., 2008, Study of some Roman brooches discovered at Tomis - Constanta by X-Ray Fluorescence technique, Rom. Journ. Phys. 53 (3-4), 557-562, ISSN 1221-146x.
11. G.Murariu, Antoaneta Ene, 2008, Discussions on a Non-Linear Fields' Equations System, Rom. Journ. Phys. 53 (5-6), 651-658, ISSN 1221-146x.
12. Ene A., Popescu I. V., Ghisa V., 2009, Study of transfer efficiencies of minor elements during steelmaking by neutron activation technique, Romanian Reports in Physics 61(1), 165-171, ISSN 1221-1451.
13. Moraru L., Ene A., Murariu G., 2009, High-accuracy structure identification of the aluminium eutectic alloys using the colour metallography, Romanian Reports in Physics 61(4), 700-708, ISSN 1221-1451.
14. Ene, A., Pantelica, A., 2010, Study of transfer of minor elements during ironmaking by neutron activation analysis, Radiochimica Acta, 98 (1) , 53-57, ISSN 0033-8230. DOI: 10.1524/ract.2010.1685
15. Ene, A., Popescu, I.V., Stihii C., Gheboianu A., Pantelica A., Petre C., 2010, PIXE analysis of multielemental samples, Rom. Journ. Phys. ISSN 1221-146x, 55 (7-8), 806-814.
16. Ene, A., Bosneaga A., Georgescu L., 2010, Determination of heavy metals in soils using XRF technique, Rom. Journ. Phys. ISSN 1221-146x, 55 (7-8), 815-820.
17. Stihii C., Radulescu C., Busuioc G., Popescu I. V., Gheboianu A., Ene A., 2011, Studies on accumulation of heavy metals from substrate to edible wild mushrooms, Rom. Journ. Phys. 56(1-2), 257-264.
18. Ene, A., Pantelica A., Freitas M.C., Bosneaga A., 2011, EDXRF and INAA analysis of soils in the vicinity of a metallurgical plant, Rom. Journal Phys. 56 (7-8), 993-1000.
19. Ene, A., Pantelica A., 2011, Characterization of metallurgical slags using low-level gamma-ray spectrometry and neutron activation analysis, Rom. Journal Phys. 56 (7-8), 1011-1018.
20. Pantelica A., Ene A., Gugiu M., Ciortea C., Constantinescu O., 2011, PIXE analysis of some vegetal species, Rom. Rep. Phys. 63(4), 997-1008.
21. Ene, A., Bosneaga A., Georgescu L., 2011, Evaluation of soils pollution with heavy metals using XRF technique, Journal of Environmental Protection and Ecology 12(3A), 1247-1254; erata: Journal of Environmental Protection and Ecology 12(4A) (2011), 2393.
22. Ene A., Bogdevich O., Sion A., Spanos T., 2012, Determination of polycyclic aromatic hydrocarbons by gas chromatography-mass spectrometry in soils from Southeastern Romania, Microchemical Journal, 100, 36-41, issn 0026-265X , doi:10.1016/j.microc.2011.08.006.
23. Pantelica A., Ene A., Georgescu I.I., 2012, Instrumental neutron activation analysis of some fish species from Danube River in Romania, Microchemical Journal, 103, 142-147, doi:10.1016/j.microc.2012.02.005.
24. Zubcov E., Zubcov N., Ene A., Bileitchi L., 2012, Assessment of copper and zinc levels in fish from freshwater ecosystems of Moldova, Environmental Science and Pollution Research, 19(6), 2238-2247, ISSN: 0944-1344 (Print) 1614-7499 (Online) , doi: 10.1007/s11356-011-0728-5.
25. Ene A., Bogdevich O., Sion A., 2012, Levels of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania, Science of the Total Environment, 439, 76–86, ISSN: 0048-9697, DOI: 10.1016/j.scitotenv.2012.09.004
26. Pantelica A., Freitas M.C., Ene, A., Steinnes, E., 2013, Soil pollution with toxic trace elements in selected Romanian sites studied by instrumental neutron activation analysis, Radiochimica Acta, 101, 45-50, DOI: 10.1524/ract.2013.1989.
27. O.V. Ignatenko, V.A. Komar, S.V. Leonchik, N.A. Shempel, A.Ene, A. Cantaragiu, M.V. Frontasyeva, V.N. Shvetsov, 2013, Changes of nitrides characteristics in Li-N system synthesized at different pressures, Journal of Alloys and Compounds, 581, 23-27, DOI: 10.1016/j.jallcom.2013.06.173.
28. Thomas Spanos, Antoaneta Ene, Irina B. Karadjova, Assessment of Toxic Elements Cu, Cr, Ni, Pb, Cd, Hg, Zn, As and Hexavalent Chromium in Sewage Sludge from Municipal Wastewater Treatment Plants by Combined Spectroscopic Techniques, Rom. Journ. Phys. 60 (1-2) (2015), 237-245, ISSN 1221-146x.
29. Harmens, H., D. A. Norris, K. Sharps, G. Mills, R. Alber, Y. Aleksiyenak, O. Blum, S.-M. Cucu-Man, M. Dam, L. De Temmerman, Ene, A., J. A. Fernández, J. Martinez-Abaigar, M. Frontasyeva, B. Godzik, Z. Jeran, P. Lazo, S. Leblond, S. Liiv, S.H. Magnússon, B. Maříkovská, G. Phil-Karlsson, J. Piippanen, J. Poikolainen, J.M. Santamaría, M. Skudnik, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihii, I. Suchara, L. Thöni, R. Todoran, L. Yurukova, H. G. Zechmeister, 2015, Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010, Environmental Pollution 200, 93-104, doi:10.1016/j.envpol.2015.01.036.
30. Spanos, Thomas, Antoaneta Ene, Christina Xatzixistou, Agelos Papaioannou, 2015, Assessment of Groundwater Quality and Hydrogeological Profile of Kavala Area, Northern Greece, Romanian Journal of Physics 60 (7-8), 1139-1150.
31. Spanos, T., Ene, A., Simeonova, P., 2015, Chemometric expertise of the quality of groundwater sources for domestic use, Journal of Environmental Science and Health Part A, 50(11), 1099 – 1107, DOI:10.1080/10934529.2015.1047646.
32. Pintilie, V., Ene, A., Georgescu, L.P., Moraru, L., Iticescu, C., 2016, Measurements of gross alpha and beta activity in drinking water from Galati region, Romania, Romanian Reports in Physics 68 (3), 1208-1220.
33. Moraru, L., Obreja, C.D., Moldovanu, S., Ene, A., Biswas, A., 2016, Blood pressure and flow values in small vessels angioarchitectures: application for diabetic retinopathy, Romanian Journal of Physics 61 (7-8), 1287-1298.
34. Spanos, T., Ene, A., Patronidou, C.S., Xatzixistou, C., 2016, Temporal variability of sewage sludge heavy metal content from Greek wastewater treatment plants, Ecological Chemistry and Engineering. S = Chemia i Inżynieria Ekologiczna. S, 23(2), 271-283, DOI:10.1515/eces-2016-0019.
35. Pintilie, V., Ene, A., Georgescu L.P., Moraru, D.I., 2017, Gross Alpha, Gross Beta and  $^{40}\text{K}$  Activities and Daily Effective Dose Due to Natural Radionuclides from Food Supplements, Romanian Journal of Physics 62 (7-8), Art. No. 703.

36. Stihă C., Popescu I.V., Frontasyeva M., Radulescu C., Ene A., Culicov O., Zinicovscaia I., Dulama I.D., Cucu-Man S., Todoran R., Gheboianu A.I., Bucurica A., Bancuță I., Dima G., 2017, Heavy Metal Air Pollution Study in Romania Using Moss Biomonitoring, Neutron Activation Analysis and Atomic Absorption Spectrometry, Analytical Letters, 50(17), 2851–2858, DOI: 10.1080/00032719.2016.1275661.
37. Violeta Pintilie, Antoaneta Ene, Lucian P. Georgescu, Dana Iulia Moraru, Adelina Pintilie, 2018, Determination of gross alpha, gross beta, and natural radionuclides ( $^{210}\text{Po}$ ,  $^{210}\text{Pb}$ ,  $^{238}\text{U}$ ,  $^{232}\text{Th}$  and  $^{40}\text{K}$ ) activity concentrations in bread and their contribution to the effective dose, Romanian Journal of Physics 63 (1-2), Art. No. 801 .
38. Violeta Pintilie, Antoaneta Ene, Lucian P. Georgescu, Adelina Georgiana Pintilie, Dana Iulia Moraru, Catalina Iticescu, Gross alpha, gross beta and radionuclides ( $^{210}\text{Po}$ ,  $^{210}\text{Pb}$ ,  $^{238}\text{U}$ ,  $^{232}\text{Th}$ ,  $^{226}\text{Ra}$  and  $^{40}\text{K}$ ) exposure assessment due to meat consumption, 2018, Journal of Radioanalytical and Nuclear Chemistry, 318(2), 991-1000, DOI:10.1007/s10967-018-6156-y.
39. Stefan Nickel; Winfried Schröder; Roman Schmalßfuss; Maike Saathoff; Harry Harmens; Gina Mills; Marina V. Frontasyeva; Lambe Barandovski; Oleg Blum; Alejo Carballera; Ludwig de Temmermann; Anatoly M. Dunaev; Antoaneta Ene; Hilde Fagerli; Barbara Godzik; Ilia Ilyin; Sander Jonkers; Zvonka Jeran; Pranvera Lazo; Sébastien Leblond; Siiri Liiv; Blanka Mankovska; Encarnación Núñez-Olivera; Juha Pispanen; Jarmo Polkainen; Ion V. Popescu; Flora Qarri; Jesus Miguel Santamaría; Martijn Schaap; Mitja Skudnik; Zdravko Špirić; Trajce Stafilov; Eliv Steinnes; Claudia Stihă; Ivan Suchara; Hilde Thelle Uggerud; Harald G. Zechmeister, Correlations between the concentrations of heavy metals in mosses sampled across Europe in 2010 and atmospheric deposition specified for Ecological Land Classes and land use-dependent predictions of spatial correlation patterns, Environmental Sciences Europe, 30, Art. Nr. 53, pp 1-17, <https://doi.org/10.1186/s12302-018-0183-8>.
40. Gosav S., Ene A., Afloři M., Characterization and Discrimination of Plant Fossils by ATR-FTIR, XRD and Chemometric Methods, 2019, Romanian Journal of Physics, 64(1-2), Art. Nr. 806.
41. Ene, A. Moraru, S.S., Moraru D.I., Assessment of bioaccumulation of heavy metals in sunflower cultivated in the agricultural area next to steel industry, ISI Proceedings of the 19th International Multidisciplinary Scientific GeoConference SGEM 2019, Vol.19, Issue 3.2, p. 25-32 (2019) doi: 10.5593/sgem2019/3.2/S13.004.
42. Moraru, S.S., Ene, A., Gosav, S., Study of the correlativity between parameters and mineralogy of contaminated agricultural soils, ISI Proceedings of the 19th International Multidisciplinary Scientific GeoConference SGEM 2019, Vol.19, Issue 3.2, p. 441-448 (2019) doi: 10.5593/sgem2019/3.2/S13.058.
43. Florina Cristiana Căprătă, Antoaneta Ene, 2020, Biosorption of Heavy Metals from the Metallurgical Industry Wastewater by Macroalgae, AIP Conference Proceedings 2218, 030011; <https://doi.org/10.1063/5.0001087>.

### Papers published in IDB journals

1. Ene, A., Nat, A., Lupu, R., I.V. Popescu, 2004, Determination of gold in auriferous alluvial sands and rocks by 14 MeV neutron activation analysis, Romanian Journal of Physics 49(5-6), 523-529, ISSN 1221-146x.
2. Ene, A., Popescu, I.V., Badica, T., Besliu, C., 2006, Comparative study of PIGE, PIXE and NAA analytical techniques for the determination of minor elements in steels, Romanian Journal of Physics, 51 (5-6), 595-602, ISSN 1221-146x.
3. I.V. Popescu, A. Ene, C. Stihă, A. Gheboianu, T. Badica, *PIXE* applications in elemental analysis of biological and metallurgical samples, The Annals of Valahia University - Science section, VOL 17. 2007, p. 7-12, , ISSN 1584-5567.
4. A. Bosneaga, A. Ene, L. Georgescu, XRF multi-elemental analysis of topsoil near an industrial plant, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics Year I(XXXII) 2009, 32(1), No. 1, p. 33-40.
5. A. Bosneaga, L. Georgescu, A. Ene, Soil pollution with heavy metals in Galati region, The Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics Year I(XXXII) 2009, 32(1), No. 1, p. 41-48.
6. Antoaneta Ene, Claudia Stihă, I.V. Popescu, Anca Gheboianu, Alina Bosneaga, I. Bancuta, 2009, Comparative studies on heavy metal content of soils using AAS and EDXRF atomic spectrometric techniques, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 51-54.
7. Antoaneta Ene, Alina Bosneagă, Lucian Georgescu, Vlad Gogoncea, 2009, XRF analysis of soils from Lower Prut Meadow, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 55-58.
8. A. Gheboianu, C. Stihă, I.V. Popescu, A. Ene, I. Bancuta, Gh.V. Cimpoca, I. Dulama, 2009, Quality studies of Potop and Poțoci rivers from Dambovița County area by AAS and TDS measurements, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 59-62.
9. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Lucia Biletechi, Copper and zinc in fish from Prut River, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 63-67.
10. Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Nina Bagrin, Natalia Borodin, Influence of nutrients substances on phytoplankton from Prut River, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year I(XXXII) 2009, No.2, ISSN 2067 - 2071, p. 68-72.
11. Claudia Stihă, Ion V. Popescu, Anca Gheboianu, Marina Frontasyeva, Antoaneta Ene, Gabriel Dima, Oana Bute, Valerica Cimpoca, Valentin Stihă, Calin Oros, Sergiu Dinu, Marilena Voicu, Mineral content of native vegetables obtained by energy dispersive X- ray fluorescence spectrometry, Journal of Science and Arts, year 8 No. 2(9) – 2008, ISSN 1844 – 9581, p. 331-334.
12. Antoaneta Ene, Ion V. Popescu, Mariana Bahrim, Claudia Stihă, Anca Gheboianu, Neutron activation method applied in the study of transfer efficiencies of minor elements during steelmaking, Journal of Science and Arts, Anul 8 Nr. 1(8), 2008, p. 179-182, ISSN 1844-9581.
13. Antoaneta Ene, Ion V. Popescu, Claudia Stihă, Applications of proton-induced X-ray emission technique in materials and environmental science, Ovidius University Annals of Chemistry, Volume 20, Number 1, pp. 35-39, 2009.
14. Antoaneta Ene, Ana Pantelica, Neutron activation analysis of deoxidized steels, Ovidius University Annals of Chemistry, Volume 20, Number 1, pp. 31-35, 2009.
15. Elena Zubcov, Laurentia Ungureanu, Antoaneta Ene, Natalia Zubcov, Nina Bagrin, Natalia Borodin, Liubovi Lebedenco, Lucia Biletechi, Assessment of chemical compositions of water and ecological situation in Dniester river, Journal of Sciences and Arts, Year 10, No. 1 (12), pp. 47-52, 2010.
16. Antoaneta Ene, Ion V. Popescu, Claudia Stihă, Anca Gheboianu, Marina Frontasyeva, Nicolae Tigau, Steluta Gosav, Assessment of river water quality in Central and Eastern parts of Romania using atomic and optical methods, Journal of Sciences and Arts, Year 10, No. 1 (12), pp. 113-118, 2010.
17. Antoaneta Ene, Alina Bosneaga, Inter-element relationships for soils around a ferrous metallurgical plant, Journal of Sciences and Arts, Year 10, No. 2 (13), pp. 293-298, 2010
18. Elena Zubcov, Natalia Zubcov, Antoaneta Ene, Nina Bagrin, Lucia Biletechi, The dynamics of trace elements in Dniester river ecosystems, Journal of Sciences and Arts, Year 10, No. 2 (13), pp. 281-286, 2010.
19. Antoaneta Ene, Nicolae Tigau, Mirela Praisler, Luminita Moraru, Principal component analysis of physico-chemical parameters of river water, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.130-135.
20. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaiali, Antoaneta Ene, Lucian P. Georgescu, Quantitative measurements of the heavy metal content using sequential chemical extraction on Cu polluted soils, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.160-165.
21. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaiali, Antoaneta Ene, Lucian P. Georgescu, Determining the affinity of the elements in soils using a step by step protocol of sequential chemical extraction, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.166-171.
22. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaiali, Antoaneta Ene, Lucian P. Georgescu, Determination of the level of soil pollution from soil solution using AAS technique, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.172-175.
23. Giancarlo Rennela, Loretta Landi, Alina Bosneaga, Paola Arfaiali, Antoaneta Ene, Lucian P. Georgescu, Determination of the toxicity of soil solution using the BIOTOX® method, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.176-179.
24. L. Moraru, A. Ene, M. Praisler, Image analysis procedure for identifying ciliated protozoa and parasites in water samples, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.83-86.

25. Antoaneta Ene, Oleg Bogdevich, Alina Bosneaga, Determination of pesticides and polycyclic aromatic hydrocarbons in soils from Eastern part of Romania using GC and GC/MS techniques, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year II(XXXIII) 2010, ISSN 2067 - 2071, p.124-129.
26. Antoaneta Ene, Alina Sion (Bosneaga), Comparative study of high precision spectrometric techniques used for the assessment of trace elements in soils, The Annals of Dunarea de Jos University of Galati, Fascicle IX, Metallurgy and Materials Science, Year XXIX (XXXIV), Special Issue-2011, ISSN 1453-083X, p. 7-10.
27. Antoaneta Ene, Oleg Bogdevich, Alina Sion (Bosneaga), GC-MS analysis of selected PAHs in soils from Galati region, eastern part of Romania, The Annals of Dunarea de Jos University of Galati, Fascicle IX, Metallurgy and Materials Science, Year XXIX (XXXIV), Special Issue-2011, ISSN 1453-083X, p. 166-168.
28. Sion (Bosneaga) A., Caldararu A. C., Georgescu L. P., Ene A., A Complete Monitoring Analysis on Water and Soil From Prut River, Galati County, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR III (XXXIV) 2011, No. 1, p. 5-10.
29. Sion (Bosneaga) A., Ene A., Georgescu L. P., Index of Geoaccumulation in Soils Collected from Urban and Industrial Sites, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR III (XXXIV) 2011, No. 1, p. 11-14.
30. Ene A., (Bosneaga) Sion A., Georgescu L., Bogdevich O., Monitoring Techniques for Inorganic and Organic Pollutants in Soils Around an Integrated Iron and Steel Plant, The Annals of Dunarea de Jos University of Galati, Metallurgy and Materials Science, Year XXIX (XXXIV), 4 (2011).p. 21-24 ISSN 1453-083X.
31. Sion (Bosneaga) A., Ene A., Georgescu L., Heavy Metals in Soils Near an Industrial Plant in Galati, Romania: Implications for the Population Health Risk, Journal of Sciences and Arts, 2011, Year 11, 3(16), p. 299-302.
32. Antoaneta Ene, Thomas Spanos, Study of distribution and sources of polycyclic aromatic hydrocarbons (PAHs) in topsoils from SE Romania using multivariate statistical analysis, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR IV (XXXV) 2012, Nos. 1-2, p.15-21.
33. O.V. Ignatenko, V.A. Komar, S.V. Leonchik, N.A. Shempel, A. Ene, A. Cantaragiu, M.V. Frontasyeva, V.N. Shvetsov, Changes of nitrides characteristics in Li-N system synthesized at different pressures, JINR Preprint, D18-2012-102, Dubna, Russia, 2012, pp. 12 (in English and in Russian).
34. Alina Sion, Antoaneta Ene, Soil pollution evaluation for some pollutants in the Lower Prut meadow, Galati, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 24-27.
35. Alina Sion, Antoaneta Ene, Soil morphology and qualitative study using SEM-EDX technique, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 28-31.
36. Antoaneta Ene, Luminița Moraru, Emilian Dănilă, Liliana Cioară, Study of characteristic X-ray spectra induced in complex matrices by radioisotope and electron excitation, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V(XXXVI) 2013, 40-43.
37. Emilian Dănilă, Antoaneta Ene, Luminița Moraru, Adriana Danila, Liliana Cioară, Study of powder materials of Li-N system interpreted in terms of multifractal geometry, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 44-48.
38. Mirela Punga (Visan), Luminița Moraru, Antoaneta Ene, Emilian Dănilă, Performance of boundary detection algorithms on medical images, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 12-15.
39. Emilian Dănilă, Mirela Punga (Visan), Antoaneta Ene, Luminița Moraru, Adriana Dănilă, Automatisation of the diagnosis of portal and vascular problems of the liver, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 49-52
40. Emilian Dănilă, Antoaneta Ene , Luminița Moraru, Adriana Dănilă, Mirela Punga (Visan), Land use change studied by means of multifractal geometry, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR V (XXXVI) 2013, 53-60
41. Claudia Ungureanu, George Ifrim, Antoaneta Ene, Gabriela Bahrim, Mihaela Turturica, Chemical and microbiological analysis of water quality from Lower Danube region, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, FASCICLE II, YEAR VI (XXXVII) 2014, No.2, 209-215
42. S. Condurache-Bota, G. Condurache-Bota, M. Voiculescu, A. Ene, A.T. Antohe, Recent developments in air quality in Europe, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.159-164.
43. S. Condurache-Bota, A. Ene, G. Condurache-Bota, G. Pavelascu , Nuclear energy and radioactive pollution, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.165-176.
44. Sănduță Plăcintă, Mirela Crețu, Victor Cristea, Antoaneta Ene, Elena Bocioc, Marian Tiberiu Coadă, Seasonal characterization of physico-chemical parameters of Danube river water, Isaccea-Vilkovo sector, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.183-187.
45. Drășovean, R., Ene, A., Gosav, S., Păduraru, N., Monitoring some greenhouse gases in Romania, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.195-200.
46. Steluța Gosav, Nicoleta Păduraru, Antoaneta Ene, Romana Drășovean, Toxicological study on some chemical compounds using the molecular modeling, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VII (XXXVIII), 2015, p.201-206.
47. Bulat, Dm.; Bulat, Dn.; Toderăș, I.; Usatî, M.; Zubcov, E.; Ungureanu, L.; Ene, A.; Davideanu, G.; Saptefrață, N., Importanța zonelor umede pentru menținerea iihiofaunei Nistrului și Prutului inferior, Buletinul Academiei de Științe a Moldovei. Științele vieții 1(325), 2015, p.120-126.
48. Antoaneta Ene, Marina V. Frontasyeva, A. Cantaragiu, V. Pintilie, E. Pasca, D. Soimiu, E. Chiriac, V. Coguteac, A. Buliga, M. Tobol, Nuclear and X-ray methods used in environmental and material science, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.86-91.
49. V. Pintilie, A. Ene, L.P. Georgescu, L. Moraru, Monitoring of gross alpha and beta activity in drinking water from Galati during 2013-2014, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.20-25.
50. Victor Ciornea, Anastasia Ivanova, Elena Zubcov, Antoaneta Ene, Determination of some of organochlorine pesticides in the waters of the Prut River, Annals of the Univ. Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.81-85.
51. Liubovi Lebedenco, Olga Jurminskaia, Elena Zubcov, Antoaneta Ene, Dynamics of zooplankton in ecosystems of the Lower Danube, Annals of the University Dunarea de Jos of Galati, Fascicle II - Mathematics, Physics, Theoretical Mechanics, Year VIII (XXXIX), No.1, 2016, p.92-100.
52. Thomas Spanos, Antoaneta Ene, Environmental assessment of toxic metals occurrence in urban sewage sludge for its potential land application, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year VIII (XXXIX), No. 2, 2016, p. 158-166.
53. Steluța Gosav, Antoaneta Ene, Rodica Dragomir, Spectroscopic investigation of sedimentary rocks with fossil plants using ATR-FTIR technique, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year VIII (XXXIX), No. 2, 2016, p. 242-247.
54. V. Pintilie, Lucian-Pui Georgescu, Luminița Moraru, Antoaneta Ene, Catalina Iticescu, Natural radioactivity in drinking water from Galati and Vrancea areas, Romania. Radiation and Applications, 2016, 1(3), 165-170, ISSN 2466-4294 (online), DOI: [10.21175/Rad.2016.03.031](https://doi.org/10.21175/Rad.2016.03.031).
55. Luminița Moraru, Lucian Traian Dimitrevici, Antoaneta Ene, Simona Moldovanu, Magnetic field gradients and their effects on the diffusion tensor derivate measures, RAD Conference Proceedings, vol. 2, pp. 207–211, 2017, ISSN 2466-4626 (on line), DOI: [10.21175/RadProc.2017.42](https://doi.org/10.21175/RadProc.2017.42), <http://rad-proceedings.org/index.php?id=2>
56. Cristina Despina, Liliana Teodorof, Adrian Burada, Daniela Seceleanu-Odor, Mihaela Tiganus, Iuliana-Mihaela Tudor, Orhan Ibram, Cosmin Spiridon, Aurel Nastase, George Tiganov, Antoaneta Ene, Danube Delta Biosphere Reserve - ten years of toxic substances monitoring, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year IX (XL), No. 1, 2017, p. 55-60.
57. Alina Sion, Antoaneta Ene, Zinc solubility determined in industrial soils, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year IX (XL), No. 2, 2017, p. 167-170.
58. Florin Sloata, Antoaneta Ene, XRF analysis of mercury in highly contaminated soils from a former chlor-alkali plant in Romania, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year IX (XL), No. 2, 2017, p. 171-174.
59. Constantin Gheorghies, Simona Condurache-Bota, Geta Carac, Paula Cojocaru, Lucian Puiu Georgescu, Catalina Iticescu, Antoaneta Ene, Reduction of Irradiation Level for Personnel Working in a Steel Furnace Using NMG Method, International Journal of Science, Technology and Society (2017), 5(4) Pages: 87-90 DOI: [10.11648/j.ijsts.20170504.15](https://doi.org/10.11648/j.ijsts.20170504.15)
60. Florin Sloata, Antoaneta Ene, Optimization of X-ray fluorescence technique for the analysis of heavy metals contained in wastes from the electrical and electronic equipment industry, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year X (XL) 2018, No. 1, p.111-117

61. Sorina-Simona Arbanăș (Moraru), Alina Simionică, Antoaneta Ene, Agricultural potential of chernozems near the iron and steel integrated works of Galati in the perimeter of the territorial administrative unit of Sendreni, Galati county, Annals Dunarea de Jos Univ. Galati, Fasc. II. Mathematics, Physics, Theoretical Mechanics, year X (XLII) 2018, No. 1, p.5-9.
62. Sorina-Simona Arbanăș (Moraru), Antoaneta Ene, Dana Iulia Moraru, Contamination level of *Triticum Vulgare L.* cultivated on soils around a metallurgical area in Galati, Romania, Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year XI (XLII) 2019, No. 1, p.1-9.
63. Florina Cristiana Capita, Antoaneta Ene, Valorification directions for marine algae, Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year XI (XLII) 2019, No. 1, p. 10-18.
64. Moraru, Sorina-Simona; Ene, Antoaneta; Gosav, Steluta, 2019, Mineralogical Composition Assessment of Soils from Covurlui and Braila Plains by ATR-FTIR Technique, *Proceedings* 29, no. 1: 80; presented at 15th International Symposium "Priorities of Chemistry for a Sustainable Development" Priochem XV 2019, 30th October–1st November 2019, Bucharest, Romania.
65. Ene Antoaneta, Pantelici Ana, Arbanăș (Moraru) Sorina-Simona, Pintilea Violeta, Sloată Florin, Căprătă Florina Cristiana Straticiu Mihai, Mirea Dragoș, Serban Andreea, Stihă Claudia, Frontasyeva Marina, Bogdevich Oleg, Culighin Elena, Larisa Ganea, Development of analysis methodology using Proton Induced X-ray Emission (PIXE) as a complementary technique to determine trace elements in environmental matrices, Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year XI (XLII) 2019, No. 2, 117-125.
66. Sion Alina, Alina Cantarigiu, Antoaneta Ene, Surface and elemental analysis of 20<sup>th</sup> century Romanian coins using SEM-EDX technique, Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year XI (XLII) 2019, No. 2, 153-159.
67. Enachi Elena, Gabriela Elena Bahrim, Antoaneta Ene, Pharmaceutical compounds and endocrine disruptors in aquatic environments: ecotoxicological effects and analysis methodology, Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year XI (XLII) 2019, No. 2, 172-182.

**Papers published in extenso in volumes of international conferences**

1. Popescu, I., Badica, T., Besliu, C., Olariu, A., Ene, A., 1994, Investigation by X and Gamma – ray detection of some steel samples, *Proceedings Supplement of Balkan Physics Letters*, 2 (2), 1465-1468, BPU-2, 2nd General Physics Conference of the Balkan Physics Union, 12-14 September, Ege University, Izmir, Turkey.
2. Ene, A., Badica, T., Besliu, C., Olariu, A., Popescu, I.V., 1997, Analysis of minor elements in steel by coincidence method in deuteron-induced prompt gamma-ray spectrometry, *Proceedings Supplement of Balkan Physics Letters*, 6, 2043-2046, BPU-3, 3rd General Physics Conference of the Balkan Physics Union, 2-5 September, Babes-Bolyai University, Cluj-Napoca, Romania.
3. Ene, A., Besliu, C., Olariu, A., Badica, T., Popescu, I.V., Ivanescu, Al., 1997, Study of minor elements transfer during the steel manufacture by neutron activation analysis, *Proceedings Supplement of Balkan Physics Letters*, 6, 2047-2050, BPU-3, 3rd General Physics Conference of the Balkan Physics Union, 2-5 September, Babes-Bolyai University, Cluj-Napoca, Romania.
4. Ivanescu, Al., Ene, A., Ivanescu, L., 2001, Research on steel parts coating with stainless steel by metallothermal techniques, *EUROCOAT 2001*, Poster 75, Recueil des Conférences, Volume I, p. 207-211, September 24-27, Lyon, France.
5. Ivanescu, Al., Ene, A., Ivanescu, L., 2003, Modeling of the steel desulphurization process, *Proceedings of the 27th Annual Congress of American Romanian Academy of Arts and Sciences (ARA)*, May 29-June 2, University of Oradea, Romania, Vol. II, Engineering and Applied Mathematics, 717-719, 2002, Polytechnic International Press, Montreal, Canada, ISBN 2-553-01024-9.
6. Ivanescu, Al., Ene, A., Cananau, N., Macuta, S., 2003, Mathematical model of the LD steel deoxidation kinetics with manganese and aluminium, *The Annual Symposium of the Institute of Solid Mechanics, SISOM 2003*, Bucharest, May 15-16, Session 2, paper 6R, 57-62.
7. Ivanescu, Al., Ene, A., Cananau, N., 2004, Mathematical model of the LD steel deoxidation kinetics with manganese and aluminium, *Proceedings of the 28th Annual Congress of American Romanian Academy of Arts and Sciences (ARA)*, June 3-8, 2003, Constantin Brancusi University of Targu Jiu, Romania, Vol. II, Engineering and Applied Mathematics, 799-802, Polytechnic International Press, Montreal, Canada, ISBN 2-553-01137-7.
8. Ivanescu, Al., Ene, A., Ivanescu, L., 2004, The increase of the energetic efficiency of the electric arc furnace by using exothermal mixtures, *METAL 2004*, 13th International Metallurgical & Materials Conference, May 18 – 20, Hradec nad Moravici, Czech Republic, Section A, Poster A20, Abstract Paper no. 118, p. 34; *Proceedings on CD-ROM (118.pdf)*, 1-4, ISBN 80-85988-95-X.
9. Ivanescu, Al., Ene, A., Catana, C., Ivanescu, L., 2005, Researches regarding the vaporization process of the existing elements in the metallic bath during steel making in LD converter, *METAL 2005*, 14th International Metallurgical & Materials Conference, May 24 – 26, Hradec nad Moravici, Czech Republic, Section A, Poster A6P, Abstract Paper 76, p.44; *Proceedings on CD-ROM (76.pdf)*, 1-8, ISBN 80-86840-13-1.
10. Ivanescu, Al., Ene, A., Ivanescu, L., Catana, C., Doniga, A., 2006, Mathematical modelling of the refractory lining of the LD converter, *METAL 2006*, 15th International Metallurgical & Materials Conference, May 23 – 25, Hradec nad Moravici, Czech Republic, Symposium A - Advanced Iron Production and Steel Making, Poster A09, Abstract Paper 150, p.34; *Proceedings on CD-ROM (150.pdf)*, 1-6, ISBN 80-86840-18-2.
11. Ivanescu, Al., Ene, A., Ivanescu, L., Catana, C., Istrate, M., 2006, Study of the explosions which take place in the recovery boilers and LD converters during the pauses between charges, *METAL 2006*, 15th International Metallurgical & Materials Conference, May 23 – 25, Hradec nad Moravici, Czech Republic, Symposium A - Advanced Iron Production and Steel Making, Poster A10, Abstract Paper 151, p.34; *Proceedings on CD-ROM (151.pdf)*, pp.1-9, ISBN 80-86840-18-2.
12. Ivanescu, Al., Ene, A., Munteanu, V., Ivanescu, L., Zorlescu, D., 2006, EOSC 2006, Vaporisation of the Component Elements from Metallic Bath during Refining in Oxygen Converter, 5th European oxygen Steelmaking Conference, 26-28 June, Steel Institute VDEh, Aachen, Germany, Session 4 – By-products, recycling and environmental, Paper 4.6, Oral presentation, *Proceedings* p. 168-175, ISBN 3-514-00727-6 & ISBN 978-3-514-00727-7.
13. Ivanescu, Al., Ene, A., Cociandau, C., Ivanescu, L., Doniga, A., 2007, Study of the thermodynamic regime at continuous casting of steel, *METAL 2007*, 16th International Metallurgical & Materials Conference, May 22 – 24, Hradec nad Moravici, Czech Republic, Abstract Paper Z-9, p.117; *Proceedings on CD-ROM (67.pdf)*, 1-9, ISBN 978-80-86840-33-8.
14. Ivanescu, Al., Ivanescu, L., Ene, A., Vasilescu E., Doniga A., 2007, Marsh gas economy achievement at the heat treatment furnaces by the replacement with blast furnace gas, 7th international conference economical energy production, High Tatras, Slovak republic, 24-26 October 2007, Acta Mechanica Slovaca, 543-550, ISSN 1335-2393.
15. Ivanescu, L., Ivanescu, Al., Ene, A., Vasilescu E., Doniga A., 2007, Energy saving at the electric arc furnaces by using the released heat from exothermal reactions, 7th international conference economical energy production, High Tatras, Slovak republic, 24-26 October 2007, *Acta Mechanica Slovaca*, 551-554, ISSN 1335-2393.
16. Ivanescu, Al., Zorlescu, D., Ene, A., Munteanu, V., Ivanescu, L., 2007, Modelling of the heat losses at the liquid metal transport in an integrated iron and steel works, 11-15 June, METEC InstelCon 2007, Steel Institute VDEh, Dusseldorf, Germany, Session 1 – Fundamentals of ironmaking, Paper 1.6, Oral presentation, *Proceedings 3rd International Conference on New Developments in Metallurgical Process Technologies*, p. 32-38, ISBN 978-3-514-00742-0.
17. A. Ene, I. V. Popescu, V. Ghisa, 2007, Study of transfer efficiencies of minor elements during steelmaking by neutron activation technique, 5<sup>th</sup> International Conference "NEW RESEARCH TRENDS IN MATERIAL SCIENCE - ARM-5", 5-7 September, Sibiu, Romania, Poster Section 1-Metals. Alloys. Intermetallic Compounds, Paper 1.74, *Proceedings* p.278-281
18. Ivanescu, A., Ene, A., Ivanescu, L., Study of the heat losses at the continuous casting of slabs, *METAL 2008*, 17th International Metallurgical & Materials Conference, May 13 – 15, 2008, Hradec nad Moravici, Czech Republic, poster A7P, p. 98, Abstracts ISBN 978-80-254-1987-8, *Proceedings on CD-ROM (165.pdf)*, p. 1-5
19. Ivanescu, A., Ivanescu, L., Ene, A., Marsh gas replacement with blast furnace gas at the heating of the mixer, *METAL 2008*, 17th International Metallurgical & Materials Conference, May 13 – 15, 2008, Hradec nad Moravici, Czech Republic, poster A7P, p. 98, Abstracts ISBN 978-80-254-1987-8, *Proceedings on CD-ROM (154.pdf)*, p. 1-4.
20. Zubcov Natalia, Zubcov Elena, Ene Antoaneta, Biletechi Lucia, THE LEVEL OF METALS IN FISH FROM RIVER PRUT WATER ECOSYSTEMS, Simpozionul International Diversitatea, valorificarea ratională și protecția lumii animale, Chisinau, 3-4 noiembrie 2009, Biblioteca Științifica Centrală „Andrei Lupan” a Academiei de Științe a Moldovei, ISBN 978-9975-67-611-3, p.283-285.
21. Zubcov Natalia, Elena Zubcov, Lucia Biletechi, Antoaneta Ene, The accumulation and the influence of trace elements on growth an development of fish during early ontogenesis, International Conference of Zoologists „Actual problems of protection and sustainable use of animal world diversity”, (dedicated to the 50th anniversary from the foundation of Institute of Zoology of ASM), Institute of Zoology of the Academy of Sciences of Moldova, Chisinau, 12-14 October 2011, Program p.7, Section 3-Water Ecology; Oral presentation, 13 October 2011 (14h00-17h00), Institute of Zoology-room 321; Proceedings of the Conference, ISBN 978-9975-4248-2-0, p. 200-201. <http://www.eco-tiras.org/books/Zool-conf-2011-Proc-Chisinau.pdf>

22. Oleg Bogdevich, Antoaneta Ene, Oleg Cadocinicov, Culighin Elena, The analysis of PAHs and POPs pollution sources in Low Danube region, 22nd International Symposium „Ecology & Safety”, Bulgaria, Sunny Beach, June 7-11, 2013. JOURNAL OF International Scientific Publications: Ecology&Safety, Volume 7, Part 2, 2013, pp 233-243. ISSN 1313-2563. <http://www.scientific-publications.net/open-access-journals/ecology-and-safety/>
23. Thomas Spanos, Antoaneta Ene, Miltidou Sofia, Pavlina Simeonova, 2015, Application of chemometric methods for assessment of groundwater quality data in Kavala Prefecture, Northern Greece, INTERNATIONAL CONFERENCE "New Frontiers in Environmental and Water Management", March 19-21, 2015, Kavala, GREECE, Book of Abstracts, p.18, Proceedings of the international conference, pp. 56-62, ISBN 978-960-363-062-3, <http://fewm.eu/>
24. O.V. Ignatenko, A.V. Konovalova, V.A. Komar, S. V. Leonchik, N. A. Shempel, Yu. V. Aleksyayenak, M.V. Frontasyeva, V. N. Shvetsov, A. Ene, A. Cantaragiu. Comparative characteristics of synthetic diamond powder obtained in systems Fe-Ni-C and Mn-Ni-C, Proceedings of the 2nd International Conference on Modern Applications of Nanotechnology, 6-8 May 2015, Minsk, Belarus, Scientific and Practical Materials Research Center of the National Academy of Sciences of Belarus, 2015, pp. P077-1 – P077-3.
25. Oleg Bogdevich, Antoaneta Ene, Oleg Cadocinicov, Elena Culighin, Elena Nicolau, Marina Grigoras, The study of POPs contaminated sites in Danube River basin of Republic Moldova for risk assessment and remediation actions, International Conference Contaminated sites 2016, Bratislava, 12-13 September 2016, Conference Proceedings. Slovak Environment Agency. Banská Bystrica, 2016. ISBN: 978 978-80-89503-54-4, pp. 64-68.
26. Luminita Moraru, Lucian Traian Dimitrievici, Antoaneta Ene, Simona Moldovanu, Magnetic field gradients and their effects on the diffusion tensor derivate measures, RAD Conference Proceedings, vol. 2, pp. 207-211, 2017, ISSN 2466-4626 (on line), doi: [10.21175/RadProc.2017.42](https://doi.org/10.21175/RadProc.2017.42), <http://rad-proceedings.org/index.php?id=2>
27. Ene Antoaneta, Ion Ion, STUDY OF IMPACT OF STANCA - COSTESTI HYDROPOWER PLANT ON PRUT RIVER ECOSYSTEMS, Section I: The impact of hydropower development, climate change and other main factors influencing the functionality of rivers ecosystems, In: Hydropower Impact on River Ecosystem Functioning. Proceedings of the International Conference, Tiraspol, Moldova, 8-9 Oct. 2019. Tiraspol, Eco-TIRAS, ISBN 978-9975-56-690-2, pp.86-90.
28. Ene Antoaneta, Victor Cristea, Marian Coada, Luiza Florea, DISTRIBUTION OF FISH SPECIES IN DANUBE RIVER, GALATI REGION, Section III: Environmental technologies and innovative methodologies for restoration and management of aquatic ecosystems. In: Hydropower Impact on River Ecosystem Functioning. Proceedings of the International Conference, Tiraspol, Moldova, 8-9 Oct. 2019. Tiraspol, Eco-TIRAS, ISBN 978-9975-56-690-2, pp.91-95.
29. Nadejda Andreev, Elena Zubcov, Laurentia Ungureanu, Lucia Bileitchi, Antoaneta Ene, Ilya Trombitsky, Svetlana Kovalishina, Aleksandr Matygin, HydroEcoNex - a transboundary cooperation project for assessing the impact of hydropower on river ecosystem functioning, In: Hydropower Impact on River Ecosystem Functioning. Proceedings of the International Conference, Tiraspol, Moldova, 8-9 Oct. 2019. Tiraspol, Eco-TIRAS, ISBN 978-9975-56-690-2, pp.7-11.

## **BOOKS**

### **I. Books / Monographies published in national Editing Press**

1. Ene, A., 2000, Fizica – volumul I, Editura Fundatiei Universitare Dunarea de Jos, Galati, 256 pagini, ISBN 973-99424-9-0. <http://www.editura.ugal.ro/Anul2000/Anul2000p3.htm>
2. Ene, A., 2001, Probleme de mecanica fizica si acustica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 148 pagini, ISBN 973-8352-05-3.
3. Nat. A., Ene, A., 2001, Probleme de fizica atomica, Editura Fundatiei Universitare Dunarea de Jos, Galati, 159 pagini, ISBN 973-8139-65-1. <http://www.editura.ugal.ro/Anul2001/Anul2001p4.htm>
4. Ene, A., 2002, Fizica – volumul II, Editura Fundatiei Universitare Dunarea de Jos, Galati, 252 pagini, ISBN 973-8352-73-8. <http://www.editura.ugal.ro/Anul2002/Anul2002p9.htm>
5. Nat, A., Ene, A., 2002, Indrumar de laborator de fizica, Editura Cartea Universitara, Bucuresti, 116 pagini, ISBN 973-86042-0-6. [http://www.librariaeminescru.ro/isbn/973-7956-42-7/Antoaneta-Ene\\_INDRUMAR-DE-LABORATOR-DE-FIZICA](http://www.librariaeminescru.ro/isbn/973-7956-42-7/Antoaneta-Ene_INDRUMAR-DE-LABORATOR-DE-FIZICA)
6. Nat, A., Ene, A., 2003, Fizica atomica si nucleara. Culegere de probleme, Editura Cartea Universitara, Bucuresti, 354 pagini, ISBN 973-7956-12-5.
7. Nat, A., Ene, A., Tudose, C., Velican, N., Gheorghies,C., Vieriu, P., Sahlean, V., Toma, E., Tigau, N., Murariu, G., Condurache-Bota, S., Enache, L., 2003, Fizica. Teste grila pentru bacalaureat si admiteme in invatamantul superior, Editura Fundatiei Universitare Dunarea de Jos, Galati, 261 pagini, ISBN 973-627-024-6. <http://www.editura.ugal.ro/Anul2003/Anul2003p6.htm>
8. Nat, A., Ene, A., 2003-2006, Indrumar de laborator de fizica - editia II,III,IV,V revizuita si adaugita, Editura Cartea Universitara, Bucuresti, 131 pagini, ISBN 973-7956-42-7. <http://www.buccluj.ro/re/catalogold/cas/pdf/n/a/Nat-NatNadarzan.pdf>
9. Ene, A., 2003, Fizica pentru ingineri. Lucrari practice si probleme rezolvate, Editura Fundatiei Universitare Dunarea de Jos, Galati, 304 pagini, ISBN 973-627-060-2. <http://www.editura.ugal.ro/Anul2003/Anul2003p10.htm>
10. Ene, A., 2003, Elemente de fizica pentru ingineri, Editura Fundatiei Universitare Dunarea de Jos, Galati, 435 pagini, ISBN 973-627-074-2. <http://www.editura.ugal.ro/Anul2003/Anul2003p8.htm>
11. Ene, A., 2005, Metode radiometrice de analiza multitementala (E-book), Editura Cartea Universitara, Bucuresti, 300 pagini, ISBN 973-731-153-1.
12. Ene, A., 2006, Tehnici radiometrice de analiza si control (E-book), Editura Fundatiei Universitare Dunarea de Jos din Galati, 345 pagini, ISBN (10) 973-627-308-3 si ISBN (13) 978-973-627-308-7. <http://www.editura.ugal.ro/Anul2006/Anul2006p9.htm>
13. Ene, A., Pantelica, A., 2011, Tehnici analitice atomice si nucleare utilizate in monitorizarea mediului, Galati University Press, 100 pagini, ISBN 978-606-8348-17-9. [http://www.ugal.ro/carti/tehnici\\_analitice\\_atomice\\_si\\_nucleare\\_utilizate\\_in\\_monitorizarea\\_mediului](http://www.ugal.ro/carti/tehnici_analitice_atomice_si_nucleare_utilizate_in_monitorizarea_mediului)
14. Ene, A., Tigau N., Murariu, G., Condurache-Bota, S., 2012, Teste grila de fizica pentru admiteme in invatamantul superior, Galati University Press, 33 pagini, ISBN 978-606-8348-49-0. <http://www.gup.ugal.ro/index.php?page=pages.pa&title=Publica%C8%9Bii>
15. Ene, A., Chapter 3– X-ray fluorescence technique, pp. 61-88 (28 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatiile de Mediu: Ghid Metodologic (Editor - Ene, A.), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
16. Ene, A., Capitolul 3 – Tehnica fluorescentei de raze X, pp. 169-196 (28 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatiile de Mediu: Ghid Metodologic (Editor - Ene, A.), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
17. Bogdevich O., Ene, A., Chapter 4 – Gas chromatography technique in environmental analyses, pp. 89-112 (24 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatiile de Mediu: Ghid Metodologic (Editor - Ene, A.), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
18. Bogdevich O., Ene, A., Capitolul 4 – Tehnica cromatografiei de gaze in analize de mediu, pp. 197-220 (24 pag.), in: Instrumental Techniques for Environmental Investigations: Methodological Guide = Tehnici Instrumentale pentru Investigatiile de Mediu: Ghid Metodologic (Editor - Ene, A.), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
19. Antoaneta ENE, Yury Denga, Richard Lisovskyi, Tatiana Gavrilova, Oleg Bogdevich, Elena Zubcov, Atlas of Maps (Eds. - Ene, A., Denga Yu., Bogdevich O., Zubcov E.), Ed. Tehnopress, Iasi, 2015, ISBN 978-606-687-235-5, 40 p.

### **II. Books / Monographies published in international Editing Press**

1. Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), and the participants of the ICP Vegetation, 2011, Air Pollution and Vegetation-ICP Vegetation Annual Report 2010/2011; Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, ISBN 978-1-906698-26-3, 41 pag. (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Abaigar, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksyayenak, M. Ashmore, A. Azizov, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, R. Bermejo-Orduna, O. Betherod, V. Blanke, O. Blum, S. Boltersdorf, F. Booker, K. Borowiak, S. Braun, G. Brumelis, P. Büker, K. Burkey, A. Carballoira Ocafia, V. Calatayud, E. Calvo, H. Cambridge, J.-F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, E. Ermakova, A.**Ene**, M. Fagnano, A. Fangmeier, Z. Feng, J. A. Fernández Escrivano, I.G. Fernández, E. Fiscus, L. Foan, M. Frontasyeva, A. Francini-Ferrante, J. Franzaring, M. Frolova, J. Fuhrer, I. Fumagalli, L. Galsomíes, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. González Miqueo, E. Goumenaki, E. Green, L. Grünhage, J. Hall, E. Heyneke, R. T. Las Heras, M. Holland, K. Hoydal, J. M. Infante Olarte, J. J. Irigoyen, Z. Jeran, Y. Jolivet, L. Jones, S. Jovanovic, P. Kapusta, J. Karhu, G. P. Karlsson, A. Klumpp, Y. Kohno, M. Krmar, G. Krüger, E. Kubin, K. Kvietkus, P. Lazo, S. Leblond, S. Liiv, A. Lucaci, S. Madkour, S. Magnússon, F. Manes, B. Mařkovská, S. Manninen, A. de Marco, M. Mastrolilli, S. Miranova, R. Mocanu, C. Nali, O. Nikodemus, E. Núñez Olivera, Y. Pankratova, R. Pesch, J. Piisanpanen, H. Poikolainen, L. Postiglione, S. Power, J. Ramirez, G. Rana, D. Radnovich, A. Riss, A. Rühling, A. Rutten, C. Saitanis, E. Salvatori, J. Santamaría, D. Saxena, A. Scrpenti, W. Schröder, V. Sili, G. Soja, Z. Spirc, T. Stafilov, E. Steinnes,

- A. Sterkenburg, I. Suchara, J. Sucharová, G. Szarek-Lukaszewska, G. Tabors, L. De Temmerman, D. le Thiec, L. Thöni, B. Turk, V. Urumov, D. Valiulis, K. Vandermeiren, D. Velissariou, K. Vergel, M. Vitale, M. Volk, L. Yurukova, N. Waegeneers, H.-J. Weigel, W. Werner, S. Wilkinson, H. Zechmeister) <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2010-11.pdf>
2. Harry Harmens, Gina Mills, Felicity Hayes, David Norris (Eds.), *and the participants of the ICP Vegetation*, 2012, Air Pollution and Vegetation-ICP Vegetation Annual Report 2011/2012; Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK. Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, ISBN 978-1-906698-35-5, 50 pag. (H. Harmens, G. Mills, F. Hayes, D. Norris, J. M. Abaigar, J.R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, N. Akinshina, Y. Aleksianenak, M. Ashmore, A. Azizov, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, R. Bermejo-Orduna, J. Berner, O. Bentheno, V. Blanke, O. Blum, S. Boltersdorf, F. Booker, K. Borowiak, S. Braun, G. Brumelis, P. Büker, K. Burkey, A. Carballeira Ocaña, V. Calatayud, E. Calvo, N. Callaghan, H. Cambridge, J.-F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, E. Ermakova, A. Ene, M. Fagnano, A. Fangmeier, S. Fares, Z. Feng, J. A. Fernández Escribano, I.G. Fernández, A. Finco, E. Fiscus, L. Foan, M. Frontasyeva, A. Francini-Ferrante, J. Franzarino, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomies, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, L. Gonzalez Miqueo, E. Goumenaki, E. Green, L. Grünhage, J. Hall, E. Heyneke, R. T. Las Heras, M. Holland, K. Hoydal, J. M. Infante Olarte, J. J. Iglesias, S. Izquieta, Z. Jeran, Y. Jolivet, L. Jones, S. Jovanovic, P. Kapusta, J. Karhu, G. P. Karlsson, P.-E. Karlsson, A. Klumpp, Y. Kohno, M. Krmar, G. Krüger, E. Kubin, K. Kvietkus, P. Lazo, S. Leblond, S. Liiv, A. Lucaci, S. Madkour, S. Magnússon, L. Mahdhi, F. Manes, B. Maříkovská, S. Manninen, A. de Marco, R. Marzuoli, M. Mastorilli, I. Melece, S. Miranova, M. Mircea, R. Mocanu, C. Nali, O. Nikodemus, E. Núñez Olivera, Y. Pankratova, R. Pesch, J. Piisanen, H. Pleijel, J. Poikolainen, L. Postiglione, S. Power, J. Ramirez, G. Rana, D. Radnovich, A. Repellin, G. Righini, A. Röhling, A. Rutten, C. Saitanis, E. Salvatori, J. Santamaria, D. Saxena, W. Schröder, V. Sili, V. Simon, H.C. Sogo, G. Soja, Z. Spirc, T. Stafilov, E. Steinnes, A. Sterkenburg, I. Suchara, J. Sucharová, G. Szarek-Lukaszewska, G. Tabors, L. De Temmerman, D. le Thiec, L. Thöni, B. Turk, H. Uggerud, V. Urumov, D. Valiulis, K. Vandermeiren, D. Velissariou, K. Vergel, M. Vitale, M. Volk, L. Yurukova, N. Waegeneers, T. Walser, H.-J. Weigel, W. Werner, S. Wilkinson, H. Zechmeister) [http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2011-12\\_Final.pdf](http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2011-12_Final.pdf)
3. H. Harmens, D. Norris, G. Mills, *and the participants of the moss survey* (J. Aboal Viñas, R. Alber, Y. Aleksianenak, K. Baceva, L. Barandovski, T. Berg, O. Blum, A. Carballeira Ocaña, A. Chilian, S.-M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, A. M. Dunaev, D. Elustondo, A. Ene, J. Á. Fernández Escribano, M. V. Frontasyeva, A. Gheboianu, B. Godzik, Z. I. Goryainova, A. Hanus, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, P. Kapusta, J. Karhu, E. Kubin, X. Laffray, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magnússon, B. Mankovska, J. Martínez-Abaigar, A. Maxhuni, E. Núñez-Olivera, J. G. Pihl Karlsson, J. Piisanen, J. Poikolainen, I. V. Popescu, F. Qarri, C. Radulescu, A. Risse, A. Rutten, J. M. Santamaria, M. Skudnik, Z. Spirc, T. Stafilov, E. Steinnes, C. Stihl, I. Suchara, J. Sucharová, L. De Temmerman, H. Thelle Uggerud, L. Thöni, R. Todoran, R. Tomás-LasHeras, K. N. Vergel, I. V. Vikhrova, N. Waegeneers, L. Yurukova, H. G. Zechmeister, I. Zinicovsciaia), HEAVY METALS AND NITROGEN IN MOSES: SPATIAL PATTERNS IN 2010/2011 AND LONG-TERM TEMPORAL TRENDS IN EUROPE, 2013; 63 pp., Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Bangor, UK, Editor: H. Harmens, D. Norris, G. Mills, ISBN: 978-1-906698-38-6. <http://icpvegetation.ceh.ac.uk/publications/documents/Finalmossreport2010-11forweb.pdf>
4. Harmens, Harry; Mills, Gina; Hayes, Felicity; Norris, David (Eds.) *and the participants of the ICP Vegetation*; (J. R. Aboal, S. S. Ahmad, R. Alber, R. Alonso, Y. Aleksianenak, H.I. Amadou, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, J. Berner, O. Bentheno, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, P. Büker, K. Burkey, V. Calatayud, E. Calvo, H. Cambridge, A. Carballeira Ocaña, J. F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S.E. Cozar, S. M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, B. Davies, K. Eler, L. Emberson, A. M. Dunaev, A. Ene, S. Fares, Z. Feng, I.G. Fernández, J. Á. Fernández Escribano, A. Finco, L. Foan, M. V. Frontasyeva, M. Frolova, J. Fuhrer, I. Fumagalli, L. Galsomies, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, E. Goumenaki, L. Grünhage, J. Hall, E. Hiltbrunner, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, L. Jones, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, Y. Kohno, M. Krmar, G. Krüger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magnússon, F. Manes, S. Manninen, B. Maříkovská, J. Martínez-Abaigar, A. Maxhuni, A. de Marco, R. Marzuoli, M. Mastorilli, I. Melece, L.G. Miqueo, S. Miranova, E. Núñez-Olivera, E. Paolletti, R. Pesch, J. Piisanen, H. Pleijel, J. Poikolainen, I. V. Popescu, S. Power, F. Qarri, J. Ramirez, G. Rana, D. Radnovich, D.M. Reboucas, A. Repellin, A. Rutten, C. Saitanis, E. Salvatori, J. Santamaria, D. Saxena, M. Schaub, M. Schlabach, S. Schönrock, W. Schröder, P. L. Sicard, V. Sili, V. Simon, M. Skudnik, H.C. Sogo, G. Soja, Z. Spirc, T. Stafilov, E. Steinnes, C. Stihl, I. Suchara, J. Sucharová, G. Szarek-Lukaszewska, L. De Temmerman, D. le Thiec, L. Thöni, R. Todoran, B. Turk, H. Uggerud, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, S. Wagg, W. Werner, S. Wilkinson, L. Yurukova, H. G. Zechmeister, Air pollution and vegetation: ICP Vegetation annual report 2012/2013, ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre Wales, Deiniol Road, Bangor, Gwynedd, LL57 2UW, UK, Editors: H. Harmens, G. Mills, F. Hayes, D. Norris, 42pp. ISBN: 978-1-906698-43-0. <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2012-13Final.pdf>
5. H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, J. R. Aboal, R. Alber, R. Alonso, Y. Aleksianenak, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, O. Bentheno, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, A. Briolat, P. Büker, V. Calatayud, H. Cambridge, A. Carballeira Ocaña, J. F. Castell, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, S. M. Cucu-Man, O. A. Culicov, M. Dam, H. Danielsson, B. Davies, A.M. Dunaev, K. Eler, L. Emberson, A. Ene, S. Fares, I.G. Fernández, J. Á. Fernández Escribano, A. Finco, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomies, J.-P. Garrec, G. Gerosa, B. Godzik, N. Goltsova, E. Goumenaki, L. Grünhage, J. Hall, E. Hiltbrunner, K. Hoydal, M. Infante Olarte, S. Izquieta, Z. Jeran, L. Jones, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, Y. Kohno, M. Krmar, G. Krüger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magnússon, F. Manes, S. Manninen, B. Maříkovská, J. Martínez-Abaigar, A. Maxhuni, A. de Marco, R. Marzuoli, M. Mastorilli, I. Melece, M. Meyer, S. Miranova, C. Nali, S. Nickel, D. Norris, E. Núñez-Olivera, E. Paolletti, J. Piisanen, G. Pihl Karlson, H. Pleijel, J. Poikolainen, I. V. Popescu, F. Qarri, G. Rana, D. Radnovich, A. Repellin, A. Rutten, C. Saitanis, E. Salvatori, J. Santamaria, M. Schaub, M. Schlabach, W. Schröder, P. L. Sicard, V. Simon, M. Skudnik, H.C. Sogo, G. Soja, Z. Spirc, T. Stafilov, E. Steinnes, C. Stihl, I. Suchara, J. Sucharová, G. Szarek-Lukaszewska, L. De Temmerman, D. le Thiec, L. Thöni, R. Todoran, B. Turk, H. Uggerud, J. Urbanik, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, W. Werner, L. Yurukova, H. G. Zechmeister, AIR POLLUTION AND VEGETATION: ICP VEGETATION ANNUAL REPORT 2013/2014. Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2014; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK, Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia, ISBN: 978-1-906698-53-9, 38 pg. <http://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2013-14.pdf>
6. I.V.Popescu, Claudia Stihl, Antoaneta ENE, Simona Cucu-Man, Radu Todoran, Marina V. Frontasyeva, Otilia Culicov, Annex 1: County reports-Romania; in: Harry Harmens and Gina Mills (Eds.), Air pollution deposition to and impacts on vegetation in (South-)East Europe, Caucasus, Central Asia (EECCA/SEE) and South-East Asia, 2014, pp.63-64, ISBN: 978-1-906698-48-5. [http://icpvegetation.ceh.ac.uk/publications/documents/CECOZoneReport2014\\_Webhighres.pdf](http://icpvegetation.ceh.ac.uk/publications/documents/CECOZoneReport2014_Webhighres.pdf)
7. Harry Harmens, Gina Mills, Felicity Hayes, Katrina Sharps, Marina Frontasyeva (Eds.) and the participants of the ICP Vegetation (J.R. Aboal, J. Aherne, R. Alber, A. Alekseev, R. Alonso, Y. Aleksianenak, M. Anicic, A. Balint, L. Barandovski, M. Baggard, S. Bassin, F. Batic, J. Bender, T. Berg, V. Bermejo, O. Bentheno, O. Blum, S. Boltersdorf, K. Borowiak, S. Braun, A. Briolat, P. Büker, V. Calatayud, H. Cambridge, A. Carballeira Ocaña, J.-F. Castell, O. Chaligava, A. Chursin, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, L. Cotrozzi, S. M. Cucu-Man, M. Dam, H. Danielsson, B. Davies, D. Dott, A.M. Dunaev, K. Eler, L. Emberson, A. Ene, S. Fares, I.G. Fernández, J. Á. Fernández Escribano, A. Finco, S. Fränzle, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomies, J.-P. Garrec, G. Gerosa, V. Gluschenko, B. Godzik, N. Goltsova, L. Grünhage, J. Hall, K. Hoydal, Z. Ibrahimov, M. Infante Olarte, S. Izquieta, P. Jančík, Z. Jeran, L. Jones, T. Kalabegashvili, P. Kapusta, G. P. Karlsson, P. E. Karlsson, E. Kirkessal, Y. Koroleva, G. Kosior, M. Krmar, G. Krüger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magnússon, E. Mammadov, F. Manes, S. Manninen, B. Maříkovská, J. Martínez-Abaigar, A. de Marco, R. Marzuoli, M. Mastorilli, A. Maxhuni, M. Mehrabova, I. Melece, M. Meyer, I. Milanovic, G. Minkova Gecheva, S. Miranova, C. Nali, S. Nickel, D. Norris, E. Núñez-Olivera, N. Omarova, E. Paolletti, I. Pavlikova, G. Pihl Karlson, H. Pleijel, J. Poikolainen, I. V. Popescu, W. Purvis, F. Qarri, G. Rana, D. Radnovich, C. Radulescu, A. Repellin, A. Rutten, C. Saitanis, E. Salvatori, J. Santamaria, M. Schaab, M. Schlabach, W. Schröder, S. Shetekauri, P. L. Sicard, M. Skudnik, H.C. Sogo, G. Soja, V. Solodukhin, Z. Spirc, T. Stafilov, E. Steinnes, C. Stihl, I. Suchara, J. Sucharová, G. Szarek-Lukaszewska, D. le Thiec, L. Thöni, K. Tibor, R. Todoran, B. Turk, H. Uggerud, J. Urbanik, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, W. Werner, H. G. Zechmeister, G. Zeiko, V. Zlobin (160 autori.), Air pollution and vegetation: ICP Vegetation annual report 2014/2015, Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2015; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK, Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia, ISBN: 978-1-906698-55-3, 36 pg.
8. H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, J.R. Aboal, E. Agatholeous, J. Aherne, S. Allajbeu, R. Alber, A. Alekseev, R. Alonso, Y. Aleksianenak, M. Andrees, M. Anicic, A. Balint, L. Barandovski, M. Baggard, N. Bajlinnyam, S. Bassin, J. Bender, V. Bermejo, J. Berner, O. Bentheno, T. Bhongsuwan, O. Blum, M. Borisuk, K. Borowiak, S. Braun, P. Büker, K. Burkay, V. Calatayud, A. Carballeira Ocaña, J. F. Castell, O. Chaligava, A. Chursin, S. Cieslik, S. Cinderby, D. Cooper, M. Coskun, L. Cotrozzi, S. M. Cucu-Man, O. Culicov, M. Dam, H. Danielsson, F.M.Dastagir Attar, A. Dolhanczuk-Srodka, D. Dott, A.M. Dunaev, K. Eler, L. Emberson, A. Ene, S. Fares, Z. Feng, I.G. Fernández, J. Á. Fernández Escribano, A. Finco, S. Fränzle, M. Frolova, J. Fuhrer, I. Fumagalli, L. Fusaro, L. Galsomies, J.-P. Garrec, G. Gerosa, V. Gluschenko, B. Godzik, N. Goltsova, L. Grünhage, J. Hall, K. Hoydal, Z. Ibrahimov, M. Infante Olarte, S. Izquieta, P. Jančík, Z. Jeran, L. Jones, T. Kalabegashvili, P. Kapusta, G. P. Karlsson, P. E. Karlsson, E. Kirkessal, Y. Koroleva, G. Kosior, M. Krmar, G. Krüger, K. Kvietkus, E. Kubin, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Liiv, S. Magnússon, E. Mammadov, F. Manes, S. Manninen, B. Maříkovská, J. Martínez-Abaigar, A. de Marco, R. Marzuoli, M. Mastorilli, A. Maxhuni, M. Mehrabova, I. Melece, M. Meyer, I. Milanovic, G. Minkova Gecheva, S. Miranova, C. Nali, S. Nickel, D. Norris, E. Núñez-Olivera, N. Omarova, E. Paolletti, I. Pavlikova, G. Pihl Karlson, H. Pleijel, J. Poikolainen, I. V. Popescu, W. Purvis, F. Qarri, G. Rana, D. Radnovich, C. Radulescu, A. Repellin, A. Rutten, C. Saitanis, E. Salvatori, J. Santamaria, M. Schaab, M. Schlabach, W. Schröder, S. Shetekauri, P. L. Sicard, M. Skudnik, H.C. Sogo, G. Soja, V. Solodukhin, Z. Spirc, T. Stafilov, E. Steinnes, C. Stihl, I. Suchara, J. Sucharová, G. Szarek-Lukaszewska, D. le Thiec, L. Thöni, K. Tibor, R. Todoran, B. Turk, H. Uggerud, J. Urbanik, K. Vandermeiren, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, N. Waegeneers, W. Werner, H. G. Zechmeister, G. Zeiko, V. Zlobin (160 autori.), Air pollution and vegetation: ICP Vegetation annual report 2014/2015, Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2015; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK, Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia, ISBN: 978-1-906698-55-3, 36 pg.

Hoydal, Z. Ibrahimov, M. Infante Olarte, A. Ioannidou, S. Izquieta, P. Jančík, Z. Jeran, Y. Jolivet, L. Jones, T. Kalabegeshvili, P. Kapusta, J. Karhu, G. P. Karlsson, P. E. Karlsson, L.H. Khiem, E. Kirkesali, A. Kist, Y. Kohno, Y. Koroleva, G. Kosior, M. Krmar, G. Krüger, K. Kvietkus, E. Kubin, E. Lackova, R. T. Las Heras, P. Lazo, N. A. Lebedeva, S. Leblond, S. Lenrik, E. Lequy, S. Liiv, B. Lopata, P. Luca, T. Lupascu, S. Madkour, S. Magnússon, E. Mammadov, F. Manes, S. Manninen, B. Maňkovská, J. Martínez-Abaigar, A. de Marco, R. Marzuoli, M. Mastrorilli, M. Mehrabova, I. Melece, I. Milanovic, F. Monaci, C. Nali, N. Ndolvu, R. Newman, S. Nickel, D. Norris, E. Núñez-Olivera, N. Omarova, E. Paoletti, J. Park, P. Pech, J. Piippanen, H. Pleijel, I. V. Popescu, W. Purvis, F. Qarri, D. Radnovich, C. Radulescu, J. Ramirez, M.D.Ramos Aruca, G. Rana, A. Repellin, S.Saeed Ahmad, C. Saitanis, E. Salvatori, J. Santamaría, D. Saxena, M. Schaub, M. Schlabach, W. Schröder, S. Shetekauri, P. L. Sicard, I. Silachyov, M. Skudnik, H.Calvete Sogo, G. Soja, V. Solodukhin, Z. Spiric, T. Stafilov, E. Steinnes, C. Stihă, I. Suchara, J. Sucharová, G. Szarek-Lukaszewska, G. Tabors, D. le Thiec, L. Thöni, K. Tibor, R. Todoran, M. Trinh, T. Trtic-Petrovic, B. Turk, H. Uggerud, J. Urbaniak, D. Velissariou, K. N. Vergel, I. V. Vikhrova, M. Vitale, M. Volk, M. Waclawek, H. G. Zechmeister, Z. Ziembik, I. Zinicovscaia, V. Zlobin: *Air pollution and vegetation: ICP Vegetation annual report 2015/2016*. Edited by H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 09/2016; ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK & Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Moscow, Russia, ISBN: 978-1-906698-58-4.  
[https://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2015-16\\_000.pdf](https://icpvegetation.ceh.ac.uk/publications/documents/ICPVegetationannualreport2015-16_000.pdf)

### III. Books for students

1. Ene, A., Picu, M., 1993, Probleme de fizica, Vol. IA - Mecanica fizica si acustica. Mecanica analitica, Universitatea Dunarea de Jos, Galati, 155 pagini.
2. Moraru, L., Ene, A., 1993, Probleme de fizica, Vol. IB – Fizica moleculara si caldura, Universitatea Dunarea de Jos, Galati, 153 pagini.
3. Ene, A., Mitoseriu, L., 1997, Indrumar de lucrari practice de mecanica fizica si acustica, Universitatea Dunarea de Jos, Galati, 89 pagini.
4. Bostan, M., Dobrescu, D., Danila, E., Ene, A., Gheorghies, C., Mitoseriu, L., Nat, A., Sahlean, V., Scarlet, G., Toma, D., Toma, E., Tudose, C., Tigau, N., Velican, N., Vieriu, P., Voiculescu, M., 1997, Teste de fizica pentru admiterea in invatamantul superior, Universitatea Dunarea de Jos, Galati, 154 pagini.
5. Ene, A., Nat, A., 1999, Indrumar de laborator de fizica atomica si nucleara, Universitatea Dunarea de Jos, Galati, 154 pagini.
6. Ene, A., 2005-2006, Fizica (IFR), Centrul de multiplicare IDD/IFR al Universitatii Dunarea de Jos, Galati, 100 pagini.

### IV. Edited Volumes:

1. Mirela Praisler, Antoaneta Ene, Nicolae Tigau, Book of Abstracts - National Conference on Applied Physics, Galati, June 3-4, 2005, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 973-627-228-1, 38 pag. [http://books.google.ro/books/about/National\\_Conference\\_on\\_Applied\\_Physics.html?id=7kt0twAACAJ&redir\\_esc=y](http://books.google.ro/books/about/National_Conference_on_Applied_Physics.html?id=7kt0twAACAJ&redir_esc=y)
2. Mirela Praisler, Antoaneta Ene, Nicolae Tigau, Mirela Voiculescu, Book of Abstracts - 2nd National Conference on Applied Physics, June 9-10th, 2006, Galati, Romania, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN (10) 973-627-311-3 si ISBN (13) 973-627-311-7, 72 pag. <http://www.editura.ugal.ro/Anu2006/Anu2006p11.htm>
3. Antoaneta Ene, Nicolae Tigau, Emilian Danila, Gabriel Murariu, Book of Abstracts - Third National Conference on Applied Physics, June 15-16, 2007, Galati, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 978-973-627-376-6, 80 pag. <http://www.editura.ugal.ro/Anu2007/Anu2007p4.htm>
4. Antoaneta Ene, Romana Drăgocean, Nicolae Tigău, Emilian Dărăilă, Constantin Gheorghieş, Gabriel Murariu, Alexandrina Nat, Steluța Gosav, Proceedings Supplement of the Third National Conference on Applied Physics, Annals of the „Dunarea de Jos“ University of Galati, Fascicle II, Mathematics, Physics, Chemistry, Informatics, Year XXV (XXX) 2007, Editura Fundatiei Universitare Dunarea de Jos din Galati, ISBN 978-973-627-378-0, 300 pag. <http://www.editura.ugal.ro/Anu2007/Anu2007p5.htm> (WorldCat - OCLC Number: 255024890).
5. Antoaneta Ene, Nicolae Tigau, Book of Abstracts - Fourth National Conference on Applied Physics – Galati, September 25-26, 2008, Galati University Press, ISBN 978-973-88847-5-2, 88 pag. [http://www.bibnat.ro/dyn-doc/publicatii/BN\\_CAH/CAH%204.pdf](http://www.bibnat.ro/dyn-doc/publicatii/BN_CAH/CAH%204.pdf)
6. Antoaneta Ene, Lorena Deleanu, Carmen Gasparotti, Eugen Rusu, Book of Abstracts - International Conference Danube Black Sea 3E – Energy, Environment & Efficiency, Galati, September 18-21, 2013, Galati University Press, ISBN 978-973-88847-5-2, 102 pag.
7. L. Moraru, A. Ene, M. Timofte, Proceedings of the Scientific Conference of Doctoral Schools from “Dunărea de Jos” University of Galati (CCSD-UDJG 2013) Section 4 - Advanced investigation methods in environment and biohealth, Galati, May 16-17, 2013.
8. Antoaneta Ene, Eugen Rusu, Silviu Măcău, Carmen Gasparotti, Proceedings of the International Conference Danube Black Sea 3E – Energy, Environment & Efficiency, Galati, 18-21 Septembrie 2013, Analele Universitatii Dunarea de Jos Galati, Matematica, Fizica, Mecanica Teoretica, FASC. II, AN V(XXXVI)2013, vol.2, 346 pag.
9. Antoaneta Ene, Elena Zubcov, Oleg Bogdevich, Yuriy Denga (Eds.): Abstract Book, International Conference “Environmental Challenges in Lower Danube Euroregion”, Galati, June 25-26, 2015.; Ed. Casa Cartii de Stiinta, Cluj-Napoca, Romania.. 2015. 978-606-17-0745-4.
10. Antoaneta Ene, Yuriy Denga, Oleg Bogdevich, Elena Zubcov (Eds.): Atlas of Maps, Ed. Tehnpress, Iasi, 2015, ISBN 978-606-687-235-5, 40 p.
11. Antoaneta Ene (Ed.), Instrumental Techniques for Environmental Investigations: Methodological Guide/Tehnici Instrumentale pentru Investigatii de Mediu: Ghid Metodologic, Ed. Tehnpress, Iasi, 2015, ISBN 978-606-687-233-1, 220 p.
12. Liliana Teodorof, Antoaneta Ene, Elena Zubcov, Thomas Spanos, Oleg Bogdevich (Eds.): Abstract Book, MONITOX International Symposium Deltas and Wetlands, September 15-17, 2019, Tulcea, Romania., 2019, C.I.T.D.D. Tulcea, ISBN: 978-606-8896-00-7.
13. Ilya Trombitsky, Zubcov Elena, Antoaneta Ene, Svetlana Kovalishina, Aleksandr Matygin (Eds.): Hydropower Impact on River Ecosystem Functioning: Proceedings of the International Conference, Tiraspol, Moldova, October 8-9, 2019; Eco-TIRAS, ISBN: 978-9975-56-690-2, 392 pp..

**B. Fulfilment of minimum standard conditions for habilitation -  
CNATDCU - Geological Engineering, Geodetic Engineering, Mines, Oil and Gas  
Commission**

STANDARD DE MINIMALE NECESARE ȘI OBLIGATORII PENTRU CONFERIREA  
TITLURILOR DIDACTICE DIN ÎNVĂȚÂMÂNTUL SUPERIOR ȘI A GRADELOR  
PROFESIONALE DE CERCETARE – DEZVOLTARE

**TABEL SINTETIC**

Îndeplinirea criteriilor necesare și obligatorii pentru abilitare în domeniul  
**Inginerie Geologică, Inginerie Geodezică, Mine, Petrol și Gaze**  
(27.04.2020)

**Prof. dr. habil. ing. fiz. Antoaneta Ene**

Domeniul activității	Tipul activității	Restricții		Punctaj / domeniu	
		Impus	Realizat	Impus	Realizat
A1. Activitatea didactică și profesională	1.1. Cărți și capitole în cărți de specialitate	Cărți /capitole de autor - Minim 4 din care 1 ca prim autor (1.1.1)	14 din care 5 ca prim autor	120	1038,56
	1.2. Suport didactic	Manuale/suport de curs - Minim 2 din care 1 ca prim autor (1.2.1)	3 din care 3 ca prim autor		
		Îndrumare de laborator/aplicații - Minim 2 din care 1 ca prim autor (1.2.2)	9 din care 5 ca prim autor		
A2. Activitatea de cercetare	2.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings	Minim 10 articole	41 38 în reviste ISI + 3 ISI Proceedings	260	1376,703
	2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte BDI	Minimum 20 articole	31		
	2.4. Granturi/proiecte câștigate prin competiție	2.4.1. Director/ responsabil- Minimum 2	15 (14D+1R)		
A3. Recunoașterea și impactul activității	-	-		70	873
<b>TOTAL</b>				<b>450</b>	<b>3288,266</b>

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**UNIVERSITATEA „DUNAREA DE JOS” DIN GALAȚI**



UNIVERSITATEA “DUNAREA DE JOS” DIN GALAȚI	
Nr. înregistrare	c3028
Data intrare/ieșire	26.03.2020
Data.....	

**ADEVERINTĂ,**

Prin prezenta se adeverește că dl/dna **Prof. dr. ing. fiz. ENE Antoaneta** a fost aprobat(ă), prin Hotărârea Consiliului de Administrație al Universității „Dunărea de Jos” din Galați nr. 23/25.03.2020, ca propunere să facă parte din comisiile de specialitate ale CNATDCU.

Dl/dna **Prof. dr. ing. fiz. ENE Antoaneta** este conducător de doctorat, cadru didactic titular al Universității „Dunărea de Jos” din Galați, are experiență proprie de cercetare recunoscută la nivel național și internațional, dovedită și validată prin realizări specifice și prin îndeplinirea standardelor minimale naționale pentru abilitare în domeniu.

Se eliberează prezenta, la cerere, spre a-i servi la încărcarea pe platforma brainmap.ro.

**RECTOR,**  
Prof. dr. ing. Puiu-Lucian GEORGESCU