

CURRICULUM VITAE

NAME: ALINA BARBULESCU

Ovidius University of Constanta, Romania
124, Mamaia Bd, 900527, Constanta, Romania

e-mail: alinadumitriu@yahoo.com

EDUCATION (higher degrees)

2014 - Ministry of Higher Education, Romania

2014 - Technical University of Civil Engineering, Bucharest

2003 - Academy of Economic Studies, Bucharest

“Al. I. Cuza” University, Iasi

P. Andrei University, Iasi, Faculty of Law

Bucharest University, Faculty of Mathematics

Craiova University, Faculty of Nature Sciences, Mathematics

Habilitation in Civil Engineering (Hydrology)

PhD. Civil Engineering (Magna cum Laude)

PhD. Cybernetics and Economic Statistics

PhD. Mathematics

Bachelor in Law

MSc - Mathematics

Bachelor in Mathematics

SCIENTIFIC EMPLOYMENT AND ACADEMIC RESPONSIBILITY

Research Institution or University	From to	Academic responsibilities
Technical University of Civil Engineering, Bucharest, Romania	Feb 2015 – present	PhD supervisor
Ovidius University of Constanta, Romania	Feb 2003 - present (Aug. 2015 - July 2018 - unpaid leave)	Assoc. Professor
Higher Colleges of Technology, Sharjah, UAE	Aug 2015 - July 2018	Assoc. Professor
Abu Dhabi University, UAE	Feb 2011 - June 2011	Visiting professor
Ovidius University of Constanta, Romania	Sept 2009 – July 2015	Director of the Master program of Mathematical Modeling in Finance and Economic Analysis
Ovidius University of Constanta, Romania	Feb. 2013 – May 2014	Head of Department Mathematics and Computer Science
Ovidius University of Constanta, Romania	1999 - 2003	Lecturer
Valahia University of Targoviste, Romania	1993 - 1999	Lecturer
Valahia University of Targoviste, Romania	1992 – 1993	Assistant professor
National College Unirea Focsani	1991- 1992	teacher
General schools 10 and 5, Focsani, Romania	1990 - 1991	teacher
National College Samuil Vulcan, Beius, Romania	1988 - 1990	teacher

INTEREST DOMAINS

- Hydro-meteorological modeling and forecasting
- Time series analysis and forecasting, particularly pollutants' dissipation and forecasting
- Probability and Applied Statistics
- Mathematical Analysis – Hausdorff measures
- Complex Analysis - p-modules and p-capacity
- Mathematical Modelling

LONG-TERM RESEARCH GRANTS

1. Grant CNCSIS 902/2007, 2008 – *Studies on metallic materials on naval constructions – Modelling the mass loss in different media* – director
2. Grant ID_262/2007 – 2010 - *Mathematical modelling of the precipitations Dobrogea* – director
3. Research contract 2939/10.12.2001, Sub - theme at grant 33/1998, *The study and the modelling of the climatic processes that participate at the dimensioning of an irrigation system in the arid lands* – member

4. Grant CNCSIS 1071/2005 – *Computational algebra and applications in algebra and informatics* – member
5. Grant CNCSIS 1075/2005 – 2006, 2006 – 2007, 2007-2008 – *Research on the optimization of the technical elements of the irrigation by aspersion – Studies on the water circulation and storage in the soil active layer* - member
6. Grant of Romanian Academy no.106/17.08.2007- 2008, *The comportment of moving ship on progressive regular waves* - member
7. Project No. R 17081 - *Environmental Impacts and Modelling of Dust Storms Pathway in UAE using Field and Remote sensing Techniques*, financed by the The Research Office of Yayed University, United Arab Emirates.

SHORT –TERM RESEARCH GRANTS

1. Rethymno, Crete, Greece, 5th Advanced Summer School in Economics and Econometrics, 1-8 August 2010
2. Italy, Trieste (Financed by ICTP UNESCO) – September – October 2008, September – October 2007, November 2004, March –April 2004
3. Austria, Graz (Financed by Marie Curie grant) – July 2008
4. Germany, Eisenach (financed by Jena University) - September 2005

AWARDS

- PN – III – P1 – 1.1 – PRECISI – 2019 – 34968– awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article A. Bărbulescu, A. Moraru, C. Duhnea, Ecolabelling in the Romanian Seaside Hotel Industry – marketing considerations, financial constraints, perspectives, *Sustainability*, 2019, 1, 265.
- Research award PN – III – P1 – 1.1 – PRECISI –2019 – 34971 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article A. Moraru, A. Bărbulescu, C. Duhnea, Consumption and hysteresis - the new, the old, and the challenge, *Economic Research - Ekonomska Istraživanja*, vol. 31(1), 2019, 1965 – 1980.
- Research award PN – III – P1 – 1.1 – PRECISI – 2019 – 36622– awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article A. Bărbulescu, N. Popescu – Bodorin, History-based long-term predictability of regional monthly fuzzy data, *Stochastic Environmental Research and Risk Assessment*, 33(7), 2019, 1435-1451.
- Research award PN – III – P1 – 1.1 – PRECISI – 2018 – 28303 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article A. Barbulescu Do the time series statistical properties influence the goodness of fit of GRNN models? Study on financial series, *Applied Stochastic Models in Business and Industry*, vol. 34, 586 – 596, 2018, <https://doi.org/10.1002/asmb.2315>
- Research award PN – III – P1 – 1.1 – PRECISI – 2018 – 25593 – awarded – by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article A. Bărbulescu, Y. Nazzal, F. Howari, Statistical analysis and estimation of the regional trend of aerosol size over the Arabian Gulf Region during 2002 -2016, *Scientific Reports*, 8:9571, 2018, DOI:10.1038/s41598-018-27727-0 <https://www.nature.com/articles/s41598-018-27727-0>
- Research award PN – III – P1 – 1.1 – PRECISI – 2018 – 24516 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article A. Negrea, A. Gabor, C.-M. Davidescu, M. Ciopec, P. Negrea, N. Duteanu, A. Barbulescu, Rare Earth Elements Removal from Water Using Natural Polymer, *Scientific Reports*, 8:316, 2018, DOI:10.1038/s41598017-18623, <http://www.nature.com/articles/s41598-017-18623-0>
- Research award PN – III – P1 – 1.1 – PRECISI – 2018 – 22202– awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article A. Barbulescu, L. Barbes, Mathematical modeling of sulfur dioxide concentration in the Western part of Romania, *Journal of Environmental Management*, 204 part 3, 2017, 825 – 830, <http://dx.doi.org/10.1016/j.jenvman.2017.02.052>.
- Research award PN – III – P1 – 1.1 – PRECISI – 2018 – 22200 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article

- A. Barbulescu, L. Barbes, Modeling the carbon monoxide dissipation in Timisoara, Romania, *Journal of Environmental Management*, 204 part 3, 2017, pp. 831 – 838, <http://dx.doi.org/10.1016/j.jenvman.2017.02.047>.
- Research award PN – III – P1 – 1.1 – PRECISI – 2017 – 17867 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article
A. **Bărbulescu**, A. E. Sterpu, L. Barbes, C.- I. Koncsag, New correlation for the mixing of waste water sludge, *Romanian Journal of Physics*, vol. 62(1-2), 2017, art. 801, http://www.nipne.ro/rjp/2017_62_1-2/rjp062_1-2_801.pdf
 - Research award PN – III – P1 – 1.1 – PRECISI – 2016 – 12355 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article
M. Gilca, A. **Bărbulescu**, Taste of medicinal plants: a potential tool in predicting ethnopharmacological activities?, *Journal of Ethnopharmacology*, vol. 174, pp. 464 – 473, 2015, [doi:10.1016/j.jep.2015.08.040](https://doi.org/10.1016/j.jep.2015.08.040)
 - Research award PN – III – P1 – 1.1 – PRECISI – 2016 – 13218 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article
A. **Bărbulescu**, J. Deguenon, About the variations of precipitation and temperature evolution in the Romanian Black Sea Littoral, *Romanian Reports in Physics*, vol. 67(2), 2015, 625 - 637, http://www.rpp.infim.ro/2015_67_2/A30.pdf
 - Research award PN – III – P1 – 1.1 – PRECISI – 2016 – 12680 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article
A. **Bărbulescu**, A new method for estimation the regional precipitation, *Water Resources Management*, vol. 30(1), 33-42, 2016, <http://link.springer.com/article/10.1007/s11269-015-1152-2>.
 - Research award PN – III – P1 – 1.1 – PRECISI – 2016 – 12772 – awarded by the Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article
C. Maftai, A. **Bărbulescu**, A.A. Cârsteanu, Long-range dependence in the time series of Taița River, *Hydrological Sciences Journal*, 61(9), 2016, 1740 - 1747, <http://www.tandfonline.com/doi/abs/10.1080/02626667.2016.1171869?journalCode=thsj20>
 - Research award of 2007 – articol cod 60 – Lista Noiembrie 2007 - Executive Agency for Higher Education, Research, Development and Innovation Funding, Ministry of Higher Education, Romania, for the article
A. **Bărbulescu**, C. Koncsag, A new model for estimating mass transfer coefficients for the extraction of ethanethiol with alkaline solutions in packed column, *Applied Mathematical Modelling*, 31(11), 2007, 2515 - 2523
 - Award for *Dedication to teaching and Contribution to General Studies Department*, Higher Colleges of Technology, Sharjah, United Arab Emirates, 16.05.2016
 - Excellence in commitment to research & scholarly activities, Higher Colleges of Technology, Sharjah, UAE, 31.05.2016
 - Excellence diploma: Winner of the performance contest for research activity performed at the faculty level in 2017, Ovidius University of Constanta, Romania, March 2018.

MEMBER IN EDITORIAL BOARDS

1. International Journal of Applied Mathematics and Statistics: <http://ceser.res.in/ijamas/eb-ijamas.html>
2. International Journal of Mathematics and Computation: <http://www.ceser.res.in/ijmc.html>
3. Analele Universitatii "Ovidius" Constanta - Seria Constructii: <http://www.univ-ovidius.ro/revista-constructii/>
4. Safety of Tehnogenic Environment, Riga Technical University
5. Population Dynamics: Analysis, modeling and forecast, University of Nova Gorica, Slovenia
<http://popdynamf.ung.si/EB.htm>
5. International Journal for Statisticians (ISSN: 2077 – 480X) <http://ijstat.wordpress.com/editorial-board/>

MEMBER IN SCIENTIFIC SOCIETIES

- SSMR (since 2006)
- SPSR (since 2007)
- IAENG (since 2007)
- IAHS (since 2008)
- EGU (since 2008)

CHAIRPERSON

1. SEEP2019, Sharjah, United Arab Emirates, 18-21.11. 2019
2. WRE2019, Macao, 16-19.07. 2019
3. CEST2017, Rhodes, Greece, 31.08-2.09. 2017
4. EcoSummit 2016, EcoSummit 2016, Montpellier, France, 29.08 -02.09. 2016
5. SOFA 2014, Timisoara, Romania 24-26.07. 2014
6. ACACOS'12 Rovaniemi, Finland, 7 – 12.04. 2012
7. MCBC'12, Iasi, Romania, 13-15.06. 2012
8. MCBE'12, Iasi, Romania, 2012, 13-15.06. 2012
9. MAMECTIS'11, Iasi, Romania, 1-3.07 2011
10. MAMECTIS'10, Sousse, Tunisia, 3-6.05. 2010
11. The 5th ICDSA, Constanta, Romania, 15 - 18.06. 2009
12. 7-th World Congress in Probability and statistics, Singapore, 14-19.07. 2008
13. Conference 2007: Dynamical systems and applications, Izmir, Turky, 1-6.07 2007
14. 22nd European conference on operational research, Prague, 8-11.07. 2007
15. Conference 2004: Dynamical systems and applications, Antalya, Turky, 5-10.07 2004
16. International Conference on Applied Mathematics, Baia Mare, Romania, 23-26.09 2004

EDITOR

1. Water - invited editor of the Special issue: [Assessing Water Quality by Statistical Methods \(2020\)](https://www.mdpi.com/journal/water/special_issues/Water_Quality_Statistical_Analysis), https://www.mdpi.com/journal/water/special_issues/Water_Quality_Statistical_Analysis
2. Journal of Chemistry – invited editor of the Special issue: *New trends in Monitoring and Removing the Pollutants from Water*, 2018, <https://www.hindawi.com/journals/jchem/si/457973/>
3. Journal of Environmental Management, Elsevier - invited editor of the Special issue: *Modeling the impact of human activity, behavior and decisions on the environment. Marketing and green consumer*, 204 part 3, 2017, <https://www.sciencedirect.com/science/journal/03014797/204/part/P3>
4. Recent Researches in System Sciences, WSEAS Press, 2011, ISBN 978-1-61804-023-7, ISSN 1792- 4235 (418p)
5. Recent Researches in Geography, Geology, Energy, Environment and Biomedicine, WSEAS Press, 2011, ISBN 978-1-61804-022-0, <http://www.wseas.org/multimedia/books/2011/Corfu/GEMESSED.pdf> (518p)
6. Recent Researches in Educational Technology, WSEAS Press, 2011, ISBN 978-1-61804-021-3 (312p)
7. Recent Advances in Mechanics, WSEAS Press, 2011, ISBN 978-1-61804-020-6 (412p)
8. Recent Researches in Computer Science, WSEAS Press, 2011, ISBN 978-1-61804-019-0, ISSN 1792- 4251 (536p)
9. Recent Researches in Communication and IT, WSEAS Press, 2011, ISBN 978-1-61804-018-3 (323p)
10. Recent Researches in Circuits, Systems, and Signal Processing, WSEAS Press, 2011, ISBN 978-1-61804-017-6 (227p)
11. Recent Researches in Applied Mathematics, Simulation and Modelling, WSEAS Press, 2011, ISBN 978-1-61804-019-9, ISSN 1792- 4332 (202p)
12. Computational Engineering in Systems Applications, Vol.II, WSEAS Press, 2011, ISBN: 978-1- 61804- 014-5 (200p)
13. Mathematical Methods, Computational Techniques, Intelligent Systems, WSEAS Press, 2010, ISBN: 978-960-474-188-5, ISSN: 1790-2769 (275p)
14. Analele Științifice ale Universității Ovidius Constanța, seria Matematică, vol.XVII (3), 2009 (279p)
15. Annals of "Ovidius" Univ. of Constanta, Civil Engineering Series, Special issue dedicated to the 5-th International Conference "Dynamical Systems and Applications", 2009 (394p)
16. Analele Științifice ale Universității Ovidius Constanța, seria Matematică, vol. VIII (1), 2000, http://www.anstuocmath.ro/mathematics/pdf0/2000_v8_f1_new.pdf (193p)
17. Seminar Series in Mathematics, Miscellanea 1: Second Part of the Proceedings of Conference of Romanian Math. Soc., „Ovidius” University Press, Constanța, 2000

MEMBER IN ORGANIZING COMMITTEES OF INTERNATIONAL CONFERENCES

- EcoSummit2020, Special Session 018, <http://www.ecosummitcongress.com/symposia.asp> (POSTPONED IN 2021)
- 12th International Conference on Sustainable Energy & Environmental Protection, SEEP 2019, Special Session: New trends in assessment and modelling the water, air and soil hazards, Sharjah, United Arab Emirates, 18-21.11.2019.
- The 5th International Conference on Water Resource and Environment (WRE 2019), Special Session: Modern Techniques for Hydro-meteorological Series Analysis and Forecast, Macao, 16-19.07.2019

- International Conference: The 11th Dynamical Systems, Mathematical, Physical Sciences and It's Engineering Applications, Philippines, 9-12.05.2018 <http://haydarakca.wixsite.com/akca/organising-committee>
- CEST2017, 31.08-2.09.2017, Rhodes, Greece
- The 9th Dynamical Systems and Applications Conference, ICDSA 2017, 20 -23.07.2017, Antalya, Turkey
- EcoSummit 2016, 29.08 - 02.09.2016, Montpellier, France.
- 14 th International Conference on Environmental Science and Technology, CEST2015, 3-5.09.2015, Rhodes, Greece
- 6th International Workshop on Soft Computing and Applications, 24 -26.07.2014, Timișoara, Soft Computing Techniques for Time-Series Analysis (SCTTSA – SOFA – 2014)
http://sofa2014.org/documents/Special_Session_SCTTSA-SOFA-2014-SSProposal.pdf
- WSEAS Conference MAMECTIS'10, 3-6.05.2010, Sousse, Tunisia
- ICDSA 2009, 15 -19.07.2009, Constanta, Romania
- The 12nd Conference of Romanian Society of Probability and Statistics, 10-11.04.2009, Constanța, Romania
- 7-th Balkan Conference on Operational Research, 25 -28.05. 2005, Constanța, Romania
- International Conference on Analysis and Optimization of Differential Systems, 10 - 14. 09. 2002, Constanța, Romania
- Euroconference 2000, 1 –18.08.2000, Constanța, Romania
- The Conference of Romanian Society of Mathematical Sciences, june 2000, Constanța, Romania
- The XXII-nd Congress of Romanian – American Academy of Sciences and Arts, June 1997 Târgoviște, Romania

MEMBER IN SCIENTIFIC COMMITTEES OF INTERNATIONAL CONFERENCES

- ITISE 2021, Gran Canaria, Spain, <http://itise.ugr.es/registration.php>
- KES-2020, 24th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, Verona, 16-18.09.2020 <http://kes2020.kesinternational.org/>
- KES- IDT-19, Saint Julians, Malta, 17-19.06.2019
- MDIS 2019, Sibiu, Romania, 3-5.10.2019
- ICDD 2019, Sibiu, Romania, 16 -18.05.2019
- International Conference: The 11 Dynamical Systems, Mathematical, Physical Sciences and It's Engineering Applications, Philippines, 9-12.05.2018 <http://haydarakca.wixsite.com/akca/organising-committee>
- KES-IDT 2018, Gold Coast, Australia, 20 -22.06.2018 http://idt-18.kesinternational.org/cmsIPC_display.php
- WATER2018, Constanta, Romania, 21-23.06.2018, <http://revista-constructii.univ-ovidius.ro/conferinte/index.php/water-2018>
- ICDD 2018, Sibiu, Romania, 17-19.05.2018
- KES - IDT-17, Smart Digital Futures 2017, Villamoura, Portugal, 21-23.07.2017
- CEST2017, Rhodes, Greece, 31.08-2.09.2017
- The 9th Dynamical Systems and Applications Conference, ICDSA 2017, 20 -23.07.2017, Antalya, Turkey
- MDIS 2017, Sibiu, Romania, 23-25.06.2017
- ICDD 2017, Sibiu, Romania, 19-21.05.2017
- The 4th Abu Dhabi University Annual International Conference: Mathematical Science and Its Applications, Abu Dhabi, UAE, 20 - 22.04.2017
- KES - IDT-16, Smart Digital Futures 2016, Puerto de la Cruz, Tenerife, Spain, 15 – 17.06.2016
<http://idt-16.kesinternational.org/cmsIPCdisplay.php>
- WATER 2016, 23-25.06.2016, Constanța, Romania
- The 4th Abu Dhabi University Annual International Conference: Mathematical Science & its Applications, 23 25.12.2015, <http://www.adu.ac.ae/en-us/icmsa2015.aspx>
- KES - IDT-15, Smart Digital Futures 2015, Sorrento, Italy, 15 – 17.06.2015
<http://idt-15.kesinternational.org/cmsIPCdisplay.php>
- MDIS 28.10 - 1.11.2015, Sibiu, Romania http://conferences.ulbsibiu.ro/mdis/2015/scientific_committee.php
- ICDD 2015 - 21-23.05.2015, Sibiu, Romania http://conferences.ulbsibiu.ro/icdd/2015/sc_committees.php
- CSCS20: The 20th International Conference on Control Systems and Computer Science, Bucharest, Romania, 27-29.05.2015
- The 3rd Abu Dhabi University Annual International Conference: Mathematical Science & its Applications, Abu Dhabi, UAE, 29.11- 02.12.2014
- ICDD 2014, Sibiu, Romania, 15-17.05.2014, http://conferences.ulbsibiu.ro/icdd/2013/sc_committees.php
- MDIS 2013, Sibiu, Romania, 10-12.10.2013
http://conferences.ulbsibiu.ro/mdis/2013/scientific_committee.php
- The 2nd Abu Dhabi University Annual International Conference: Mathematical Science & its Applications - 27-30.12.2013

- ICDD 2013, 16 -18.05.2013, Sibiu, Romania http://conferences.ulbsibiu.ro/icdd/2014/sc_committees.php
- WATER 2011, Constanța, Romania, 16 – 19.06.2010
- The 6th International conference: Dynamical Systems and Applications - 2010, Antalya, Turkey, 10-14.07.2010

INVITED CONFERENCES

- SMSA 2017, Berlin, 20 – 24.02.2017
- IC-ANMBES 2014, Brașov, Romania, 13-15.06.2014
- MCBC'12, Iasi, Romania, 13-15.06. 2012
- MCBE'12, Iasi, Romania, 13 -15.06. 2012
- ACACOS'12, Rovaniemi, Finland, 18 – 20.04.2012
- University of Reading, Department of Meteorology, 13.11.2012
- Instituto Politecnico Nacional, Mexico City, 5.08.2010

REVIEWER

- Administrative Sciences
- Applied Mathematics and Information Science (ISI)
- An. Sci. Ovidius Univ. of Constanta, Civil Engineering
- An. St. Univ Ovidius din Constanta, Matematică (ISI)
- An. Sci. Ovidius Univ. of Constanta, Civil Engineering
- Atmospheric Pollution Research (ISI)
- CATENA (ISI)
- Chemical Engineering Communications (ISI)
- Chaos, Solitons and Fractals (ISI)
- Geophysical Research Letters (ISI)
- Hydrological Sciences Journal (ISI)
- IEEE transactions on Fuzzy Systems (ISI)
- Information Technology Research Journal
- International Journal of Mathematics and Mathematical Sciences
- International Journal Mathematics and Computation
- International Journal Mathematical Manuscripts
- Journal of Applied Polymers Sciences (ISI)
- Journal of Environmental Management (ISI)
- Journal of Hydrology (ISI)
- Monthly Weather Reviews (ISI)
- Neural Computing and Applications (ISI)
- Neurocomputing Letters (ISI)
- Safety of Tehnogenic Environment, Riga Technical University
- Science Journal of Business Management
- Scientific Research and Essays
- Symmetry
- Stochastic Environmental and Risk Assessment (ISI)
- Tellus A (ISI)
- Water SA (ISI)
- WATER (Basel (ISI)

ATTENDED SEMINARS, SUMMER SCHOOLS AND CONFERENCES

- | | |
|---|------|
| 1. SEEP2019, Sharjah, UAE, 18-21.11. | 2019 |
| 2. WRE2019, Macao, 16-19.07. | 2019 |
| 3. WaterEnergyNEXUS 2018, Salerno, Italy, 14-17.11. | 2018 |
| 4. IC-ANMBES 2018, Brasov, 23-25.05. | 2018 |
| 5. 1st ASET Multiconference, Innovations in Engineering Education, Abu Dhabi, 4.04. | 2018 |
| 6. 1 st ASET Conference, Sustainable Environment and Urban Infrastructure, Dubai, 6-7.02. | 2018 |
| 7. ICCF 2017, Lisbon, 4-8.09. | 2017 |
| 8. CEST 2017, Rhodes, Greece, 31.08 – 2.09 | 2017 |
| 9. 5 th Abu Dhabi University Annual International Conference: Mathematics and Its Applications, Abu Dhabi, UAE, 20 – 22.04 | 2017 |

10. UAE Math Day, Sharjah University, UAE, 11.03.	2017
11. SMSA 2017, Berlin, Germany, 20 - 24.02.	2017
12. 28 th IBIMA 2016, Sevilla, Spain, 9-10.11.	2016
13. EcoSummit 2016, Montpellier, France, 29.08 - 02.09.	2016
14. Theodor Angheluta Conference 2016 – The 15 th Conference on Applied Mathematics and Computer Science, Cluj - Napoca, Romania, 5 - 7.07.	2016
15. International Conference on Sciences and Applications, Abu Dhabi University, 23-26.12.	2015
16. MDIS 2015, Sibiu, Romania, 29.10 - 2.11.	2015
17. 14 th International Conference on Environmental Science and Technology, CEST2015, Rhodes, Greece, 3 - 5.09.	2015
18. SOFA 2014, Timisoara, Romania, 24 - 26.07.	2014
19. IC-ANMBES Brasov, Romania, 13 - 15.06	2014
20. EcoImpuls 2013, Timisoara, Romania, 7 - 8.11.	2013
21. MDIS 2013, Sibiu, Romania, 12 - 14.10.	2013
22. ICAM 8, Baia Mare, Romania, 25-28.09.	2013
23. Theodor Angheluta Seminar, Cluj – Napoca, Romania, 29 - 31.08.	2013
24. ICNAAM – A XII-a ediție a Conferinței Internaționale „Matematici Aplicate și Analiză Neliniară”, Târgoviște, Romania, 22 - 24.06.	2013
25. Workshop on Algebraic and Analytic Number Theory and Their Applications, Constanta, Romania, 23 – 24.05	2013
26. EGU Viena, Austria, 15 - 18.04.	2013
27. Conferința internațională de Chimie Analitică, <i>Analytical Chemistry for a Better Life</i> , RO-ICAC' 2012, Târgoviște, Romania, 18 - 21.09.	2012
28. ACACOS'12 Rovaniemi, Finland, 18 - 20.04.	2012
29. MCBC'12, Iasi, Romania, 13 - 15.06.	2012
30. MCBE'12, Iasi, Romania, 2012, 13 - 15.06.	2012
31. ACACOS'12 Rovaniemi, Finland, Romania, 18 - 20.04.	2012
32. MAMECTIS, Iasi, Romania, 1 - 3.07	2011
33. Modern stochastic with Applications II, Kyev, Ukraine, 7 - 11.09.	2010
34. 5 th Advanced Summer School in Economics and Econometrics, Rethymno, Creete, 1 - 8.07.	2010
35. CSCC'10, Corfu, Greece	2010
36. MAMECTIS'10, Sousse, Tunisia, 0.3-0.6.05	2010
37. 9th Balkan Conference on Operational Research, Constanța, Romania, 2-6.09.	2009
38. 13th WSEAS International Conference on computers, Rhodos Island, Greece, 23-25.07.	2009
39. 5th International Conference Dynamical Systems and Applications, Constanța, Romania, 15-18.06.	2009
40. EGU Viena, 13-18.04.	2009
41. The 12-th Conference of SPSR, Constanța, Romania, 10-11.04.	2009
42. 10th WSEAS Conference on Evolutionary Computing, Prague, Czech Republic, 23-25.03.	2009
43. MACMESE'08, MATERIALS'08, Bucharest, Romania, 7-9.11.	2008
44. 7th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanța, Romania, 22-25.10.	2008
45. The role of hydrology in water resources management, Capri, Italy, 13-16.10.	2008
46. Fall Colloquium on the Physics of Weather and Climate: Regional Weather Predictability and Modelling, Trieste, Italy, 29.09 - 12.10.	2008
47. 7-th World Congress in Probability and Statistics, Singapore, 14-19.07.	2008
48. World Congress on Engineering 2008, London, UK, 2-4.07.	2008
49. 1-st Regional Symposium on Electrochemistry, Istria, Croatia, 4-8.05.	2008
50. EGU Viena, Austria, 13-18.04.	2008
51. The third international Conference on mathematical Sciences, ICM 2008, Al Ain, UAE, 3-6.03,	2008
52. 9-th International Conference on Precipitations, Paris, 12-14.11.	2007
53. Advanced school and conference on statistics and applied probability in life sciences, Trieste, Italy, 24.09-12.10	2007
54. Biomedical modeling and cardiovascular – respiratory control: Theory and Practice, Graz, Austria, 22.07-4.08	2007
55. 8 - th Balkan Workshop on Applied Physics, Constanta, Romania	2007
56. 22 nd European conference on operational research, Prague, 8-11.07.	2007
57. Conference 2007: Dynamical systems and applications, 1-7.07.2007, Izmir, Turkey	2007
58. Academics days of Timisoara, Romania, 24-25.05	2007
59. The 10 –th Conference of the Romanian Society of Probability and Statistics, Bucharest, Romania 13-14.04	2007
60. 5 – th International Conference on Applied Mathematics, Baia Mare, Romania, 21-24.09	2006
61. Fifth workshop on Mathematical Modelling of Environmental and Life Sciences Problems,	

Constanta, Romania, 10-13.09	2006
62. 7- th Balkan Workshop on Applied Physics, Constanta, Romania, 4-7.07	2006
63. 7 th International conference on Applied Analysis and Differential Equations, Iasi, 4-9.09	2006
64. Modern stochastic: theory and applications, Kyev, Ukraine, 19 –23.06	2006
65. The 10-th International Conference on applied mathematics and Computer Sciences, Baisoara, Romania, 30.05-2.06	2006
66. Forth workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania, 7-10.09	2005
67. 7-th Balkan Conference on Operational Research, Constanta, Romania, 25-28.05.	2005
68. Second Conference on self Similarity and Applications, Toulouse, France, 20-24.06.	2005
69. Workshop on Fractal Analysis, Eisenach, Germany, 11-17.09 .	2005
70. Conference on „Practical applications of fractals", Abdus Salam ICTP – Trieste, Italy, 7-9.11.	2004
71. 6 th International Conference on Hydraulic Machinery, Timisoara, Romania	2004
72. Conference 2004: Dynamical systems and applications, Antalya, Turky, 1-7.07.	2004
73. The 9 th International Conference on Applied Mathematics, Computer Science and Mechanics, Baisoara, Romania	2004
74. Third workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania	2004
75. Workshop on "Modeling in Life and Material Sciences and in Technology", Abdus Salam ICTP – Trieste, Italy, March	2004
76. International Symposium of Mathematics and Applications, Timisoara, Romania	2003
77. ICTAMI 2003, Alba – Iulia, Romania	2003
78. Pannonian Applied Mathematics Meeting, Budapest, Hungary	2003
79. Pannonian Applied Mathematics Meeting, Constanta, Romania	2002
80. Analysis and optimization of differential systems International Conference, Constanta, Romania	2002
81. The 6 th Balkan Conference on Operational Research, Thessaloniki, Greece	2002
82. Third International Conference on Applied Mathematics, ICAM3, Borsa, Romania	2002
83. The eighth International Conference on Applied Mathematics, Computer Science and Mechanics, Baisoara, Romania	2002
84. Pannonian Applied Mathematics Meeting, Baia Mare, Romania	2001
85. International Conference on Naval and marine Education, Constanta, Romania	2001
86. Annual Meeting of the Romanian Mathematics Society, Constanta, Romania	2001
87. International Conference on Nonlinear operators, Differential Equations and Applications, ICNODEA 2001, Cluj - Napoca, Romania	2001
88. “Hidrotehnica XXI”, Iassy, Romania	2001
89. The 3 rd International Conference of PHd. Students, Miskolc, Hungary	2001
90. The Symposium “The engineering of the water resources”, Bucharest, Romania	2001
91. International Conference on Complex Analyzes and related topics. The IX th Romanian – Finnish Seminar, Brasov, Romania	2001
92. Pannonian Applied Mathematics Meeting, God, Hungary	2001
93. International Symposium “The land reclamation between the present and the future” Timisoara, Romania	2000
94. The Symposium of “P. Maior” University, Targu – Mures, Romania	2000
95. International Symposium “10 years of economic education at Oradea”, Baile Felix, Romania	1999
96. SECOMAR’99, Constantza, Romania	1999
97. The Symposium “The role of the Statistics in the market economy”, Bucharest, Romania	1999
98. Conference on Applied and Industrial Mathematics, Oradea, Romania	1998
99. The second National Conference of the Romanian Society of Mathematics, Cluj - Napoca, Romania	1998
100.SIMPEC’ 98, Brasov, Romania	1998

TEACHING EXPERIENCE IN ACADEMIC POSITIONS

- *Ovidius University*

Statistics (2000 - 2015)
Capital market and portofolio management (2011-2013)
Econometrics (2009 – 2015)
Economic forecasting (2009 – 2015)
Calculus I, II, III (2003 - present)
Complex functions (2000 - present)
Linear algebra and analytical geometry (2000 - 2013)
Probability and statistics (2002 – 2005, 2009 - 2015)

Discrete mathematics (2003-2004)
Complements of mathematics (2006 - 2008, 2009 - 2010)
Applied statistics
Mathematical Modelling (2018-2020)
Modelling and Simulation (2018-2020)

- *Higher Colleges of Technology*

Calculus I, II, III
Applied Mathematics
Quantitative Reasoning
Statistics

- *Abu Dhabi University*

Calculus I, II, III (2011)
Statistics

- *Valahia University*

Algebra (1992-1993)
Analysis (1992 – 1998)
Mathematical models of economical phenomena (2005-2006)
Mathematics for economists, Operational Research (1992 -1999)