

CURRICULUM VITAE

NAME: ALINA BARBULESCU

Full name/address of permanent Institution:

Ovidius University of Constanta,
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EDUCATION (higher degrees)

Academy of Economic Studies, Bucharest	PhD. Economics
“Al. I. Cuza” University, Iassy	PhD. Mathematics
P. Andrei University, Iassy, Faculty of Law	bachelor
Bucharest University, Faculty of Mathematics	master
Craiova University, Faculty of Nature Sciences, Mathematics	bachelor

SCIENTIFIC EMPLOYMENT AND ACADEMIC RESPONSIBILITY

<u>Research Institution or University</u>	<u>Period of duty</u>	<u>Academic responsibilities</u>
Name and place	From to	
“Ovidius” University of Constantza, Romania	2003 -	assoc. professor
“Ovidius” University of Constantza, Romania	1999 - 2003	lecturer
“Valahia” University of Targoviste, Romania	1993 - 1999	lecturer
“Valahia” University of Targoviste, Romania	1992 - 1993	assistant

INTEREST DOMAINS

- Module and capacity, Hausdorff measures
- Time series analysis
- Probability and statistics
- Mathematical modelling

ATTENDED SEMINARS, SUMMER SCHOOLS, CONFERENCES

1. Modern stochastic with Applications II, Kyev, 7-11.09. 2010
2. 5th Advanced Summer School in Economics and Econometrics, Rethymno, Creete, 1-8.07. 2010
3. CSCC'10, Corfu, Greece 2010
4. MAMECTIS'10, Sousse, Tunisia, 0.3-0.6.05 2010
5. 9th Balkan Conference on Operational Research, Constanța, Romania, 02-06.09. 2009
6. 13th WSEAS International Conference on computers, Rodos Island, Greece, 23-25.07. 2009
7. 5th International Conference Dynamical Systems and Applications, Constanța, 15-18.06. 2009
8. EGU Viena, 13-18.04. 2009
9. The 12-th Conference of SPSR, Constanța, Romania, 10-11.04. 2009
10. 10th WSEAS Conference on Evolutionary Computing, Prague, 23-25.03. 2009
11. MACMESE'08, MATERIALS'08, Bucharest, Romania, 7-9.11. 2008
12. 7th Workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanța, Romania, 22-25.10. 2008
13. The role of hydrology in water resources management, Capri, Italy, 13-16.10. 2008
14. Fall Colloquium on the Physics of Weather and Climate: Regional Weather Predictability and Modelling, Trieste, Italy, 29.09 - 12.10. 2008
15. 7-th World Congress in Probability and Statistics, Singapore, 14-19.07. 2008
16. World Congress on Engineering 2008, London, UK, 2-4.07. 2008
17. 1-st Regional Symposium on Electrochemistry, Istria, Croatia, 4-8.05. 2008
18. EGU Viena, Austria, 13-18.04. 2008
19. The third international Conference on mathematical Sciences, ICM 2008, Al Ain, UAE, 3-6.03, 2008
20. 9-th International Conference on Precipitations, Paris, 12-14.11. 2007
21. Advanced school and conference on statistics and applied probability in life sciences, Trieste, Italy, 24.09-12.10 2007

22. Biomedical modeling and cardiovascular – respiratory control: Theory and Practice, Graz, Austria, 22.07-4.08	2007
23. 8 - th Balkan Workshop on Applied Physics, Constanta, Romania	2007
24. 22 nd European conference on operational research, Prague, 8-11.07.	2007
25. Conference 2007: Dynamical systems and applications, 1-7.07.2007, Izmir, Turkey	2007
26. Academics days of Timisoara, Romania, 24-25.05	2007
27. The 10 –th Conference of the Romanian Society of Probability and Statistics, Bucharest, Romania 13-14.04	2007
28. 5 – th International Conference on Applied Mathematics, Baia Mare, Romania, 21-24.09	2006
29. Fifth workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania, 10-13.09	2006
30. 7- th Balkan Workshop on Applied Physics, Constanta, Romania, 4-7.07	2006
31. 7 th International conference on Applied Analysis and Differential Equations, Iasi, 4-9.09	2006
32. Modern stochastic: theory and applications, Kyev, Ukraine, 19 –23.06	2006
33. The 10-th International Conference on applied mathematics and Computer Sciences, Baisoara, Romania, 30.05-2.06	2006
34. Baisoara, Romania, 30.05-2.06	2006
35. Forth workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania, 7-10.09	2005
36. 7-th Balkan Conference on Operational Research, Constanta, Romania, 25-28.05.	2005
37. Second Conference on self Similarity and Applications, Toulouse, France, 20-24.06.	2005
38. Workshop on Fractal Analysis, Eisenach, Germany, 11-17.09.	2005
39. Conference on „Practical applications of fractals", Abdus Salam ICTP – Trieste, Italy, nov.	2004
40. 6 th International Conference on Hydraulic Machinery, Timisoara, Romania	2004
41. Conference 2004: Dynamical systems and applications, Antalya, Turkey	2004
42. The 9 th International Conference on Applied Mathematics, Computer Science and Mechanics, Baisoara, Romania	2004
43. Third workshop on Mathematical Modelling of Environmental and Life Sciences Problems, Constanta, Romania	2004
44. Workshop on "Modeling in Life and Material Sciences and in Technology", Abdus Salam ICTP – Trieste, Italy	2004
45. International Symposium of Mathematics and Applications, Timisoara, Romania	2003
46. ICTAMI 2003, Alba – Iulia, Romania	2003
47. Pannonian Applied Mathematics Meeting, Budapest, Hungary	2003
48. Pannonian Applied Mathematics Meeting, Constanta, Romania	2002
49. Analysis and optimization of differential systems International Conference, Constanta, Romania	2002
50. The 6 th Balkan Conference on Operational Research, Thessaloniki, Greece	2002
51. Third International Conference on Applied Mathematics, ICAM3, Borsa, Romania	2002
52. The eighth International Conference on Applied Mathematics, Computer Science and Mechanics, Baisoara, Romania	2002
53. Pannonian Applied Mathematics Meeting, Baia Mare, Romania	2001
54. International Conference on Naval and marine Education, Constanta, Romania	2001
55. Annual Meeting of the Romanian Mathematics Society, Constanta, Romania	2001
56. International Conference on Nonlinear operators, Differential Equations and Applications, ICNODEA 2001, Cluj - Napoca, Romania	2001
57. “Hidrotehnica XXI”, Iassy, Romania	2001
58. The 3 rd International Conference of PHd. Students, Miskolc, Hungary	2001
59. The Symposium “The engineering of the water resources”, Bucharest, Romania	2001
60. International Conference on Complex Analyzes and related topics. The IX th Romanian – Finnish Seminar, Brasov, Romania	2001
61. Pannonian Applied Mathematics Meeting, God, Hungary	2001
62. International Symposium “The land reclamation between the present and the future” Timisoara, Romania	2000
63. The Symposium of “P. Maior” University, Targu – Mures, Romania	2000
64. International Symposium “10 years of economic education at Oradea”, Baile Felix, Romania	1999
65. SECOMAR’99, Constantza, Romania	1999
66. The Symposium “The role of the Statistics in the market economy”, Bucharest, Romania	1999
67. Conference on Applied and Industrial Mathematics, Oradea, Romania	1998
68. The second National Conference of the Romanian Society of Mathematics, Cluj - Napoca, Romania	1998
69. SIMPEC’ 98, Brasov, Romania	1998

RESEARCH GRANTS OBTAINED BY NATIONAL COMPETITION

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. Grant of Romanian Academy no.106/17.08.2007- 2008, *The comportment of moving ship on progressive regular waves* - member
4. 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
5. Grant CNCSIS 1071/2005 – *Computational algebra and applications in algebra and informatics* – member
6. 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

MEMBER IN SCIENTIFIC SOCIETIES

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

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>

OTHERS

Chairperson

1. MAMECTIS'10, Sousse, Tunisia, 3-6.05. 2010
2. The 5th ICDSA, Constanta, Romania, 15 - 18.06. 2009
3. 7-th World Congress in Probability and statistics, Singapore, 14-19.07. 2008
4. Conference 2007: Dynamical systems and applications, Izmir, Turky, 1-6.07 2007
5. 22nd European conference on operational research, Prague, 8-11.07. 2007
6. Conference 2004: Dynamical systems and applications, Antalya, Turky, 5-10.07 2004
7. International Conference on Applied Mathematics, Baia Mare, Romania, 23-26.09 2004

Editor

1. Mathematical Methods, Computational Techniques, Intelligent Systems, WSEAS Press, 2010, ISBN: 978-960-474-188-5, ISSN: 1790-2769
2. Analele Științifice ale Universității Ovidius Constanța, seria Matematică, vol.XVII (3), 2009
3. Annals of "Ovidius" Univ. of Constanta, Civil Engineering Series, Special issue dedicated to the 5-th International Conference "Dynamical Systems and Applications", 2009
4. Seminar Series in Mathematics, Miscellanea 1: Second Part of the Proceedings of Conference of Romanian Math. Soc., „Ovidius” University Press, Constanța, 2000

Reviewer

- Geophysical Research Letters 2010
- Journal of Hydrology 2010
- Water SA 2010
- Chemical Engineering Communications 2010
- An. Sci. Ovidius Univ. of Constanta, Mathematics 2008, 2010
- International Journal Mathematics and Computation 2008
- International Journal Mathematical Manuscripts 2008
- Journal of Applied Polymers Sciences 2007, 2008
- International Journal of Mathematics and Mathematical Sciences 2005

Member in organizing committees of international conferences

- ICDSA 2009, 15 -19.07.2009, Constanta
- The 12nd Conference of Romanian Society of Probability and Statistics, 10-11.04.2009, Constanța
- 7-th Balkan Conference on Operational Research, 25 -28.05. 2005, Constanța
- International Conference on Analysis and Optimization of Differential Systems, 10 - 14. 09. 2002, Constanța
- Euroconference 2000, 1 –18.08.2000, Constanța
- The Conference of Romanian Society of Mathematical Sciences, june 2000, Constanța
- The XXII-nd Congres of Romanian – American Academy of Sciences and Arts, Târgoviște, June 1997

Valuer: UEFISCSU Romania – since 2007