



CURRICULUM VITAE

1. Name, Surname: Aida ŞAHMUR

2. Academic Title: Prof. Dr.

3. Educational Background: Ph.D. Biology Education

Degree	Department	Education	Year
High School Diploma		High School Education (Valedictory honors)	1967-1977
Music School Diploma	Piano Branch	Music School Education	1968-1975
B.Sc.	Biology	ADPİ(V.I.Lenin) State Pedagogical University (Full educational program,	1977-1982

Diploma Thesis	Physiology	Valedictory honors) ADPI(V.I.Lenin) State Pedagogical University	1981-1982
Double major	Nursing	Former Soviet Union	1977-1981
Ph.D.	Biology Education	ADPU(N.Tusi) State Pedagogical University	1988-1994

5.1. Master's Theses and Doctoral Dissertations

1. Investigation of the Influence of Environmental Factors on Hypothalamus

Diploma Thesis, Supervisor: Prof. Dr. A. Ferecov

2. Conducting Experiments Examining the Effects of Some Microelements and Supplementations on Health and Determining the Role of Obtained Experiment Results in Educational Process”

PhD, Supervisor: Prof. Dr. R. Babayev

6. Academic Titles:

Degree	University	Faculty	Year
Prof. Dr.	Antalya Bilim University	Faculty of Health Sciences	2022
Prof. Dr.	Istanbul Okan University	Faculty of Health Sciences	2016-2022
Prof. Dr.	Istanbul Okan University	Art and Sciences	2009-2016
Prof. Dr.	Istanbul Okan University	Healthcare Management	2007-2009
Prof. Dr.	Istanbul University	Cerrahpasa Environmental Engineering	2005-2007
Prof. Dr.	Trakya University	Environmental Engineering	2002-2005
Assoc.Prof.	Trakya University	Environmental Engineering	1999-2002
Assoc.Prof.	ADPU (N.Tusi)	State Pedagogical University	1997-1999
Assist. Prof.	Scientific Academy	Scientific Research Institute of Pedagogical Sciences (ETPEİ), Biology-Chemistry	1994-1997
Lecturer	Scientific Academy	Scientific Research Institute of Pedagogical Sciences (ETPEİ), Biology-Chemistry	1990-1994
Research Assistant	Scientific Academy	Scientific Research Institute of Pedagogical Sciences (ETPEİ) Biology-Chemistry	1988-1990

7. Supervised Masters and Doctoral Theses

A. ÖZVARDAR The place of biosorption in Environmental Biotechnology applications, 2005

N.Ş.UTAŞ, TS 18001 Guidelines on Occupational Safety and Health Management, 2005

S.ÇALIŞKAN, “Trace Element and Heavy Metal Concentrations in Groundwater of Corlu District and Nearby, and Definition of Their Effects on Human Health”, 2007

Ş. DAĞDEVİREN, “Trace Element and Heavy Metal Concentrations in Soil in Çorlu District and Nearby, and Definition of Their Effects on Human Health”, 2007

Mehmet DEMIRCI “ISO 22000 HACCP Food Safety Management System and Applications ”, 2008

Murat Erdem BUDAK “The examination of fear of Covid-19, work stress and burnout among healthcare workers during the Covid-pandemic” LUDWIG MAXIMILIAN UNIVERSITY OF MUNICH, 2021 (External Supervised)

İnci BAKAN KIRAÇ ”In adolescents between the ages of 12-14; examining the relationship between internet addiction and aggression, continuous anger-anger style expression and psychological resilience”, Istanbul Okan University 2021

Merve Fatma İŞBİLİR “The quality of life of the parents of children with special requirements marriage life examination of influence and burnability levels”, Istanbul Okan University 2021

8. FIELDS OF STUDY

Biology

Biology Education

Physiology

Bio-Chemistry

Public Health (Sanitation and Hygiene)

Environmental Science and Biotechnology

Biology and Environmental Mathematical Modeling

Physiological Psychology

Environmental Psychology

Publications

8.1. Articles Published in International Journals (SCI & SSCI & Arts and Humanities)

1. Shahmurova A.M. Shakhmurov V.B. Fractional time – varying energy distributions of ECG signals. Journal “Applicable analysis Oxford, 2005, vol.1
2. Sahmurova A.M, Ongen A.” Determination of microelements in the Republic of Azerbaijan” Journal of Environmental Protection & Ecology, 2006 Vol.7, No.2, pp:301

3. Aida Sahmurova, Atakan Ongen, Emine Elmaslar Ozbas and Nilgun Balkaya
Determination of Microelements in Surface Water Resources Journal of Residuals Science & Technology, Vol.4, No.3- July 2007
4. A.Sahmurova, Satı Köse and Emine Elmaslar
Biosorption of Cd²⁺ and Zn²⁺ ions in leachete with *Enteromorpha compressa* macroalga Journal of Scientific and Industrial Research , Vol 67, page 77, January 2008
5. Aida Sahmurova, Sabina Babayeva
Microelements in food materials consumed by children in boarding schools and day nurseries Journal of Residuals Science & Technology Vol 5, No.1-January 2008
6. Aida Sahmurova and Dilek Teker
The financial feasibility of the phytoremediation technology: assessment of remediation by *Sideritis Galatica*, poplar and Willow” Journal of Residuals Science & Technology, Vol.5, No.2- April 2008
7. Aida Sahmurova; Semra Caliskan; Mehmet Babaoglu
Pb and Cd contamination in agricultural crops of Çorlu: the effects of transportation and industrial Journal of Residuals Science & Technology, Vol.5, No.4-october 2008
8. Aida Sahmurova, Niyazi Kilic, Isil Okan, Ferhat Karaca, Osman N. Ucan,
Evaluation trace element concentrations in groundwater and classification of regions with endemic diseases using multilayer perceptron Neural Network Journal of Residuals Science & Technology 2009, Vol 6, No 2, pp 83-88
9. Veli. Shakhmurov, Aida Shahmurova
Nonlinear abstract boundary value problems modeling atmospheric dispersion of pollutants” Nonlinear analysis, Real World Application 11, 2010, 932-951
10. Aida Sahmurova, Brent Philip Duncan, Konul Bahshaliyeva, Naiba Mehtiyeva, Sitare Aliyeva “Antifungal activity of *Pyrethrum leptophyllum* Stev.ex Bieb.” JRS&T, vol 7, No3, 2010

11. Aida Sahmurova, Harun Turkmenler, Emine Elmaslar Özbaş
Biosorption kinetics and isotherm studies of Cd (II) by dried *Enteromorpha Compressa* Macroalgae cells from aqueous solutions *Clean-Soil,Air,Water* 2010, 38(10), 936-941
12. Aida Sahmurova, Mucella Celik, Surhay Allahverdiyev
Determination of the accumulator plants in Kuçukçekmece Lake (Turkey)
African Journal of Biotechnology, Vol 9,(39) 6545-6551 ,2010
13. Surhay Allahverdiyev, Atik Atilla, Bayazit Sah İsmail, Aida Sahmurova
Response Of Photosystem II And Photosynthetic pigments To Salt And Baikal
Em 1 In Tree Seedlings, *African Journal of Biotechnology*, vol 10, (4) , 2011
14. Sahmurova A., Shakhmurov V. B.
Singular Perturbation Degenerate Problems Occurring In Atmospheric Dispersion
Of Pollutants, *Applied Mathematics and Computation* 2011, 218, 1052-1056
15. Sahmurova and V. Shakhmurov Degenerate anisotropic parabolic problems
occurring in atmospheric dispersion of pollutants, *AIP*, 1389, 2011, 629-631
16. Osman Gulnaz, Aida Sahmurova, Suayip Kama
Removal of reactive Red 198 from aqueous solution by *Potomageton crispus*
Chemical Engineering Journal 2011,vol.174
17. A. Sahmurova, V. B. Shakhmurov,
Parabolic Problems with Parameter Occuring in Environmental Engineering, *AIP*,
2012, volüme:1470
18. A. Sahmurova, Veli Shakhmurov
Parabolic Problems with Parameters Arising in Evolution Model for
Phytromediation, *AIP*, 1 volüme:504, 2012
19. Sahmurova Aida, Shakhmurov Veli B.
Separable Convolution Equations Occurring in Atmospheric Dispersion of
Pollutants , *AIP*, 2012, volume: 1479
20. Sahmurova Aida, Shakhmurov Veli B.

Parabolic Problems with Parameter Occuring in Environmental Engineering, AIP, 2012, volume: 1470

21. Veli Shakhmurov, Aida Sahmurova

Abstract parabolic problems with parameter and application”, Applied mathematics and Computation, 2013, volume: 219, issue 17

22. Veli Shakhmurov, A. Sahmurova

Singular degenerate problems occuring in biosorption process, Boundary Value Problems, Article number: 30 DOI: 10.1186/1687-2770-2013-30 Published: 2013

23. Aida Sahmurova, Harun Turkmenler, Osman Gulnaz

Heavy metal removal by using dried *Enteromorpha compressa* macro algae from aqueous solution and industrial wastewater application, Fresenius Environmental Bulletin Volume, 22 Issue 6, 2013

24. V.B. Shakhmurov and Aida Sahmurova

Abstract elliptic operators appearing in atmospheric dispersion, Boundary Value Problems 2014, 1, 43

25. V.B Shakhmurov, A Sahmurova

Degenerate Abstract Parabolic Equations and Applications, Communications in Mathematical Analysis, 18 (2), 15-33, 2015

26. A.Sahmurova, Nilgün Balkaya

Enteromorpha compressa macroalgae as biosorbent for heavy metal removal: preliminary economical evaluation, Desalination & Water Treatment 57(2016) 2597-2603

27. Aida Sahmurova, Shahmurzada

Classification of regions with endemic diseases based on trace element concentrations in groundwater, Polish Journal of Environmental Studies 25,4,2016

28. Shakhmurov V.B, A. Sahmurova

Degenerate parabolic equations appearing in atmospheric dispersion of pollutants, *Electronic Journal of Qualitative Theory of Differential Equations*” No.119, 1-16, 2016

29. Shakhmurov V.B., A. Sahmurova

Mixed problems for degenerate abstract parabolic equations and applications, *Carpathian Journal of Mathematics*” 2018, 34,2

30. Aida Sahmurova, Mithat Kiyak, Murat Erdem Budak

Investigation of the relationship between noise pollution and anxiety, 2018, *IIOABJ* | Vol. 9 | S3 | 6-10 |

31. Naim Sezgin, Nilgün Balkaya, Aida Sahmurova, Namık Aysal

Assessment of heavy metal contamination in urban soil (Tuzla District, Istanbul, Turkey), *Desalination and Water Treatment*, 172 (2019) 167–176

32. A. Sahmurova, Mustafa Can Gursesli

Effects of Noise Pollution On Attention Deficit And Hyperactivity Disorder In College Students, 2020 | *IIOABJ* | Vol. 11 | 5 | 48–53

33. Aida Sahmurova, Mustafa Can Gursesli

Effects of Noise Pollution On Anger And Smoking Addiction In College Students, 2020, | *IIOABJ* | Vol. 11 | 5 | 42–47 |

34. A. Sahmurova, N. Balkaya, G. Alpar

Investigation of The Relationship Between Indoor Noise Exposure and Anger, *Fresenius Environmental Bulletin*, volüme 30-No. 07/2021 pages 8541-8548

35. V. Shakhmurov, A. Sahmurova

The local and global dynamics model of a cancer tumor growth, *Applicable Analysis* <https://doi.org/10.1080/00036811.2021.1994955> 2021

36. Aida Sahmurova , Selma Arikan, Mustafa Can Gursesli, and Mirko Duradoni
“ADHD Symptoms as a Stressor Leading to Depressive Symptoms among University Students: The Mediating Role of Perceived Stress between ADHD and Depression” *Int. J. Environ. Res. Public Health* 2022, 19(17), 11091

37. V. Shakhmurov, A. Maharramov, A. Sahmurova

“Stability features of the dynamical system emerging in the model of the cancer growth” TWMS J. Pure Appl. Math. V.14, N.1, 2023, pp.23-39

38. Veli B. Shakhmurov, Muhammet Kurulay, Aida Sahmurova, Mustafa Can Gursesli and Antonio Lanata

“Interaction of Virus in Cancer Patients: A Theoretical Dynamic Model” Bioengineering 2023, 10, 224. <https://doi.org/10.3390/bioengineering10020224>

8.2. Articles published in other international peer-reviewed journals

1. Shahmurova A.M., “Organization of Practical Studies During Biology Education Process” Chemistry and Biology Education Journal , issue: 4, 1988, Former Soviet Union , (field index)

2. Shahmurova A.M. “Biological Examinations of Opuntium Types in Laboratory and in the Field” Chemistry and Biology Education Journal , issue:4, 1989, Former Soviet Union, (field index)

3. Shahmurova A.M. “Fundamentals of Biological Experimentation” Labor and Polytechnic Education Journal, issue:1,1989, Former Soviet Union , (field index)

4. Shahmurova A.M. “Producing of Cactuses under Indoor Environmental Conditions” Chemistry and Biology Education Journal, issue: 1, 1990, Former Soviet Union (field index)

5. Shahmurova A.M. Examining the Development Phases of Cultivated Plants in Laborator”, Labour and Polytechnic Education Journal, issue: 4, 1990, Former Soviet Union (field index)

6. Shahmurova A.M. Harmful Microorganisms Which are Growing on Ornamental Plants and Determination of Fighting Method Against Them Chemistry and Biology Education Journal, Issue:3 1991, Former Soviet Union , (field index)

7. Shahmurova A.M. The Experiments Made on Ornamental Plants and Performing Their Conclusions, Chemistry and Biology Education Journal, Issue:1, 1991, Former Soviet Union , (field index)
8. Shahmurova A.M. “Studies on Biology Program, KSU Uni. Publications 1991, Former Soviet Union, (field index)
9. Shahmurova A.M. Hacıyeva H.M. Studies on Anatomy and Physiology Program, KSU Uni. Publications, Chemistry and Biology Education Journal, 1992 (field index)
10. Shahmurova A.M. Hovruzova N.M. Aliyev R.R. Creation of Practical Works in Inorganic Chemistry Course (ETPEİ Publications 1992), (field index)
11. Shahmurova A.M. Hacıyeva H.M. Studies on Hygiene Program, KSU Uni. Publications, 1992, (field index)
12. Shahmurova A.M. Rahmanov R. Creation of Practical Works in Biology and Chemistry, ETPEI, 1995, (field index)
13. Rahmanov R. Shahmurova A.M. The Teaching of Zoology with Uniform and Unified Program, ETPEİ Publications, 1995, (field index)
14. Rahmanov R. Shahmurova A.M. System of Studies Performed with Successful Students in Biology Department, ETPEI, 1996, (field index)
15. Shahmurova A.M, Masmaliyev F.A. Nematophagous and amoebophagous fungi in Asia minor is discovered” AMEA, Mikrobiologiya No:5, pp: 60-63,2007 (field index)
16. Aida M. Sahmurova, Sevil A. Zeynalova, Naiba P.Mehtiyeva Sitare J. Mustafayeva, Yamen Atakişiyeva On Antifungal Effects Essential Oils From Pimpinella Peregrina L.,Daucus Carota L., Achillea Filipendulina Lam.” 2010, Journal of International Scientific Publication: Ecology and Safety, Vol 3, Patr 1 (EBSCO)
17. Seyda Dagdeviren¹ Aida Sahmurova² Mehmet Babaoğlu³

Determination of Cd, Cr, Pb metals in Çorlu soil and their estimation using artificial neural networks, The journal of International Research Publications: Materials, Methods & Technologies vol: 5, 2010 (EBSCO)

18. Aida Sahmurova

Determination of Heavy Metal Contamination in surface soils by artificial Tracts using Cross Sectional Analysis, Journal of International Scientific Publications: Materials, Methods & Technologies, volume 7, part 2, p 480-495,2013 (EBSCO)

19. Aida Şahmurova, Pelin Sezgin The Effect Of Noise Pollution On Attention Deficit Hyperactivity Disorder Eurasian Journal of Researches in Social and Economics (EJRSE) Issue 6, Vol.3, 566-579, 2019

20. İnci BAKAN KIRAÇ, Aida SAHMUROVA (ŞAHMUR)

A Study on the Relationship between Internet Addiction among Adolescents Aged 12-14 and Their Trait Anger-Anger Expression Styles and Psychological Resilience Journal of Social Research and Behavioral Sciences Volume, 8 Issue: 16, 2022

8.3. Articles Published in National Journals

1.Şahmurova A.M. Hepsağ E. Özkan A. Evaluation of F level in Azerbaijani Trakya University Science Journal, 2005, 6, 2

8.4. Papers Presented in International Scientific Conferences and Published in the Proceedings

1..Shahmurova A.M., Shakhmurov V.B.

Fractional Time-Varying Energy Distributions of Biological Signals
Ondokuz Mayıs University, July 10-15,2005

2.Şahmurova A.M. Öngen A.

Determination of Microelements in the Republic of Azerbaijan, BENA 12-14 2005

3.V.Shakhmurov, A. Sahmurova

Separable Degenerate Differential Operators with Parametres, Sweden ,
Lund 2006 June 15-22

4.Aida Sahmurova, Gunay (Yıldız) Tore, Atakan Ongen

The regional level of microelements in the food materials, Cyprus , January
18-23, 2007.

5. A.Sahmurova

Nonlinear Abstract Boundary Value Problems Modeling Atmospheric
Dispersion of Pollutants, Mathematical Biology and Medicine, Spain,
September 16-19, 2008

6. A.Sahmurova

Linear and nonlinear problems for parabolic equations modeling
atmospheric dispersion of pollutants, Italy, Gaeta 24-30 May 2009.

7.Aida Sahmurova and Veli Sahmurov

Nonlinear problems modeling for atmospherinc pollutants, Uludağ 18-
21.08.2010

8. Aida Sahmurova, Veli Sahmurov

Parabolic problems with parameters arising in evolution model for phytoremediation, Rodos, Greece 19-25 September 2010

9. Aida Sahmurova, Veli Sahmurov

Singular perturbation problems occurring in atmospheric dispersion of pollutants, operators in Morrey-type spaces and applications, (OMTSA-2011) dedicated to 70th birthday of professor Victor. Burenkov, 20-27 May 2011, Kirshehir, Turkey.

10. Aida Sahmurova and Veli Shakhmurov

Singular degenerate problems occurring in atmospheric dispersion of pollutants, IWOTA 2011, 3-9, 08. 2011, University of Sevilla, Spain

11. Aida Sahmurova, Veli Shakhmurov

Abstract anisotropic parabolic problems with parameters and applications, The 24th International Conference of J. M. S.", July 20-23, 2011 Konya, Turkey.

12. A. Sahmurova, V. Sahmurov

Degenerate anisotropic parabolic problems occurring in atmospheric dispersion of pollutants ICNAAM Gorukle/Bursa Turkey (**Has managed a session as a chair**)

14. A. Sahmurova, V. Shakhmurov

Separable Convolution Equation Occurring in Atmospheric Dispersion of Pollutants, Kos, Greece 19-25 September 2012

15. Aida Sahmurova

Parabolic problems with parameter occurring in Environmental Engineering, ICAAM, 18-21 October 2012, Gumushane University

16.A.Sahmurova

Nonlocal Navier-Stokes problems with small parameters, International conference on theory, method and applications of nonlinear equations, 17-21.12.2012, Kingsville, Texas A&M University, USA.

17. A. Sahmurova

Navier-Stokes problems occurring in Environmental Biotechnology, GPOTS2013, May 21- 25 2013, Evans Hall, University of California, Berkeley USA (**Main Speaker**)

18.Aida Sahmurova and Veli Shakhmurov

Nonlinear Equations Appearing in Atmospheric Dispersion of Pollutants, ANCNA, July 3-6, 2013

19. A. Sahmurova, H.Turkmenler, E. Elmaslar

Biosorption Studies of Cd(II) by Dried Enteromorpha compressa Macroalgae Cells from Aqueous Solutions, 29th Annual International Conference on Soils, Sediments, Water, and Energy, October 21-24, 2013, Amherst, MA, USA

20. Aida Shahmurova

Abstract Elliptic Operators Appearing in Atmospheric Dispersion of Pollutants, ICAAMM 2013, 2-5 June 2013, Istanbul (YTU), Turkey

21. Aida Sahmurova

Initial value problem for abstract parabolic equations appearing in atmospheric dispersion of pollutants, ICNDDE-2014, May 27-30 2014, Side, Antalya, Turkey

22. Sahmurova, A., Balkaya, N.,

2nd International Conference on Recycling and Reuse, Bioremediation of Wastewater with Macroalga: An Economical Evaluation, Booking of Abstracts, pp. 113-114, Istanbul, June, 2014

23. Balkaya, N., Sahmurova, A.,

2nd International Conference on Recycling and Reuse (R&R 2014),
Phytoremediation of heavy metal-contaminated soils: A review, Booking of
Abstracts, pp. 253-254, Istanbul, 2014.

24. Sahmurova A.

Optimal regularity properties of parabolic problem occurring in biosorption
process, International Conference RTNEE, France, Marseille, 3-8 April, 2016

25. A. Sahmurova and N. Balkaya

Water, wastewater and waste management in a brewing industry: A case study,
3rd International Conference on Recycling and Reuse, 28-30 September, İstanbul,
2016

26. Aida Sahmurova, Uğur Aylak, Işıl Okan Gülen

Psycho-Pedagogical aspects of the studies to be carried out with gifted students
in biology education, International Academic Research Congress, Abstract Book
189, 3-5 November, 2016 Antalya/Side

27. Aida Sahmurova, Işıl Okan Gülen

Psycho-Pedagogical aspects of the studies to be carried out with gifted students
in biology education, International Academic Research Congress, Full-Text
Book, 4326-4333, 2016 Antalya/ Side

28. Sahmurova A., Mithat Kıyak, Bunyad Shahmurzada

Support Vector Machine Approach for Classification of Regions with Endemic
Diseases Based On Trace Element Concentrations in Groundwater 3rd
International Conference on Pure and Applied Sciences, Feb. 02-06, 2017 Dubai

29. Aida Sahmurova, Uğur Aylak, Hesna Bedirhanbeyoğlu

Examination of the Relationship between Giftedness and ADHD Symptoms
During Educational Process's → 8th World Conference on Psychology,

Counseling and Guidance (WCPCG-2017) Grand Park Lara Convention Center,
Lara – Antalya, Turkey 28 – 30 April 2017

30. Aida Sahmurova, Uğur Aylak, Gizem Tok

Review Of Studies On Relationship Between Noise And Anger Problem
International Conference- Sarajevo 2017

31. Aida Sahmurova, Mihtat Kıyak, Hesna Bedirhanbeyoğlu, Murat Budak
Investigation of the relationship between noise pollution and anxiety → 4th
Global Conference on Contemporary Issues in Education, 19-21 October 2017,
University of Kyrenia

32. Aida Şahmurova, Mithat Kıyak, Pınar Yazıcı, Murat Erdem Budak
Determination of the Effects of Noise Pollution on Stress, 9-12 May 2018,
Antalya

33. Aida Sahmurova, Pınar Yazıcı, Pelin Sezgin

Determination of the Effects of Noise Pollution on Attention Deficit and
Hyperactivity Disorder, July 8-11, 2018, Orlando, USA

34. A. Sahmurova, N. Balkaya, G. Alpar, P. Sezgin

A Study on the Impact of Noise on Anger in Young Adults, 4th International
Conference on Recycling and Reuse, 24-26 October, 2018 Istanbul.

35. N. Sezgin, N. Balkaya, A. Sahmurova, N. Aysal

Assessment of Heavy Metal Contamination in Urban Soil (Tuzla District,
Istanbul, Turkey) 4th International Conference on Recycling and Reuse, 24-26
october , 2018 Istanbul.

36. A.Sahmurova

The local and global Dynamics Model of Cancer Tumor Growth, ICFAS , 18-20
June, 2019, Tirana, Albania (**Has managed a session as a chair**).

37. Veli Shakhmurov, Akif Maharramov, Aida Sahmurova

The Local And Global Dynamics Model Of A Cancer Tumor Growth, 7th International Congress on Fundamental and Applied Sciences 2020, Proceeding Book, ICFAS2020-ID: 1056

38. Shakhmurov, Muhammet Kurulay, Aida Sahmurova

A Dynamic Model Describing of Interaction Of Corono Virus İn Cancer Patients, 7th International Congress on Fundamental and Applied Sciences 2020, ICFAS 2020-ID: 1057, Proceeding Book

39. A. Sahmurova

Michaelis-Menten Dynamics Of A Cancer Tumor Growth Model With A Drug Term, 8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS 2021, **(Organizing Committee, Scientific Commitee)**)

40. Aida Sahmurova Michaelis-Menten Dynamics Of A Cancer Tumor Growth Model With A Drug Term, 8th International Congress on Fundamental and Applied Sciences, October 19 – 21, 2021, Antalya, TURKEY. (**Scientific Committee and Organizing Committee**)

41. İnci BAKAN KIRAÇ, Aida SAHMUROVA (ŞAHMUR) A Study on the Relationship between Internet Addiction among Adolescents Aged 12-14 and Their Trait Anger-Anger Expression Styles and Psychological Resilience 11th International Social Research and Behavioral Sciences Conference, June 10 - 12, 2022, Antalya SADAB, (**Chair of the Conference**)

42. Aida Sahmurova “Dynamics Of A Cancer Tumor Growth Model With A Drug Term” 6-8 June 2023 Istanbul, Turkiye (**Scientific Committee**)

8.5. Papers Presented in National Scientific Conferences and Published in the Proceedings

1. Sahmurova A.M. Ekmekyapar F. Güneş Y.

Fish Species Used for Cleaning Lakes and Fish Ecosystem Protection Methods, Bodrum IV. National Environmental and Ecological Protection Conference, 5-8 Oct.2001

2. Sahmurova A.M. Öngen A. Çelik S.

Improvement of Water Quality with High Plants and Effects of Water Quality on Plants”, V. National Environmental Engineering Congress, Ankara 2003 (**Has managed a session as a chair**)

3. Aida Sahmurova, Esra Aktas, Nazife Safak Utas

OHSAS 18001 Occupational Health and Safety Management Systems Applications, IV.National Congress on Health and Hospital Administration 4th - 8th February 2010 - Antalya, Turkey

4. Aida Şahmurova Harun Turkmenler and.

Disposal and recycling of wastes in Tuzla advanced biological wastewater treatment plant, UKAY-2012 17-20 October, Antalya

5. A. Şahmurova, P.Sezgin

Effects of noise pollution on attention deficit and hyperactivity disorder ASEAD IV, International Social Sciences Symposium 27-29 October, 2018 Antalya

8.6. Books Published

1. Sahmurova A.M.

Determination of utilization methods of test results on ornamental plants during teaching period, Publishing House ETPEİ-Baku1992

2. Sahmurova A.M

Solution of some typical conflicts and problems encountered in Biology, Publishing House ETPEİ-Baku1992

3. Huseyinov A.M. Sahmurova A.M.

Methods for developing Biology syllabus and text books, Publishing House Ozan -Bakü 1996

4. Sahmurova A.M.

Experiments conducted on Zoology (Effects of environmental conditions on fish and birds), Publishing House ETPEİ- Baku1997

5. Sahmurova A.M.

Methods of application the test results attained from zoological experiments during class sessions, Publishing House ETPEİ- Baku 1997

6. Sayılov C. Sahmurova A.M.

Invertebrate zoology, Textbook, Publishing House Chashıoglu-Baku 1998

7. Hüseyinov A.M. Şahmurova A.M.

Nature Studies, Textbook, Publishing House Vegf -Bakü 1998

8.Sahmurova A.M. Orucov F.

Layout of Biology thesis, Publishing House Vegf -Bakü 1999

9.Hacıyeva H.M. Sahmurova A.M

Principles of Health Information, Textbook, Publishing House ADPU -Baku 2003.

10. Hacıyeva H.M. Şahmurova A.M.

Principles of Environmental Sciences, Textbook, Publishing House ADPU -Baku 2003.

11. Sahmurova A.M. Hacıyeva H.M.

Methods of Teaching Environmental Sciences, Textbook, Publishing House ADPU -Baku 2003.

12. Sahmurova A.M.

Microbiology Laboratory Studies, Textbook, Publishing House ADPU-Baku 2004

13. Ahundov K.F. Sahmurova A.M.

Sanitation Microbiology, Textbook, Publishing House ADPU -Baku 2004.

14. Ahundov K.F. Sahmurova A.M. Mamedova A.P.

Determination of micro elements and natural radioactivity in water, soil and in food of The Azerbaijan Republic. Monographic Book in Russian, Izdatelstvo Adiloglu 2005.

8.7. Book Chapters

15. Sahmurova A., Tore G., Ongen A., Celik S.O. (2010)

The Regional Level of Microelements in the Food Materials. In: Gökçekus H., Türker U., LaMoreaux J. (eds) Survival and Sustainability. Environmental Earth Sciences. Springer, Berlin, Heidelberg.

16. Aida Sahmurova, Veli Shakhmurov (2012)

Singular degenerate problems occurring in atmospheric dispersion of pollutants , Birkhouser (Book chepter)

9. Projects

1. Determination of microelements in the Republic of Azerbaijan”, Scientific Research Institute, Baku, 06.08. 2000-21.08.2003
2. Determination of trace element and heavy metal concentration in different environmental Constituents, and their evaluation in terms of health. Trakya University, Faculty of Environmental Engineering, TÜBİTAK 15.09.2005-15.06.2008
3. Examination of microelements in daily food items consumed by children Sahmurova A. Babayeva S. Baku, 2006-2007
4. Nematophagous and amoebophagous fungi in Asia minor is discovered, Scientific Research Institute, Baku, 20.09.2005-25.08.2006
5. Investigation of energy distribution of electrocardiogram signals Shakhmurov V., Sahmurova A. I.U. Engineering Faculty- Cerrahpasha 2006
6. Mathematical evolution model of purification of Polluted Environment from metals by plants Sahmurova A. IU Engineering Faculty- Cerrahpasha, IU Scientific Research Projects Unit- UDP-743/11052006
7. The use of biosorption (macroalgae) method in cleaning polluted water from heavy metals” Sahmurova A., Kose S., Emine Elmaslar Ozbas, IU Engineering Faculty- Cerrahpasha 2007
8. Biosorption from biological treatment technologies and its modeling studies Sahmurova A., Turkmenler H. Elmazlar Ozbas E., Gulnaz O., Shakhmurov V. 2007-2008
9. The financial evaluation of Phyteramidation technology from biological purification Technologies Sahmurova A., D. Teker Okan University 2007-2008
10. Investigation of antifungal activity of essential oils taken from Pirethrum *Leptophyllum*, *Pimpinella Peregrina* L., *Daucus Carota* L., *Achillea*

Filipendulina Lam. Sahmurova A., Zeynalova S., Mehtiyeva N., Musrtafayeva S., Atakişiyev Y., National Academy of Sciences, Botanical Research Institute (BAK) 2008

11. Evaluation of the effect of noise on health, Okan University 05.05.2017-04.05.2018

12. Investigation of the effect of Covid-19 pandemic period on university students mental conditions, Istanbul Okan University, 2020-2021

13. The dynamics of a cancer tumor growth with multiphase structure and chemotherapy treatment model, 2022

14. Application of Maximal Regular Differential Operators to Patterns of Pollution of the Atmosphere and Environment 1001 - Scientific and Technological Research Projects Support Program, 2022

15. Discrimination and its socio-psychological effects 1001 - Scientific and Technological Research Projects Support Program, 2022

10. Editors

1. Segment Journals: Biological Segment

2. Journal of Chemical, Environmental and Biological Engineering

10.1. Referees

1. Hazardous Material (SCI)

2. Air , soil pollutions (SCI)

3. Scientific Research and Essays (SCI)

4. Clean - Soil, Air, Water (SCI)

5. Bjma-(SCI)

6. Ijasos-(E-SCI)

10.2. Membership of the Society

1. Agricultural Economics Society (AES, England)

2. Turkey Clinic Advisory Committee Membership, 2020

3. Columnist at Academic Mind, 2020

4. Membership of Associate Professor Exams (YÖK), 2009, 2010, 2011, 2012, 2013, 2014, 2020, 2021, 2022

5. Membership of Master and Doctor jury 1995, 1996, 1997, 1998, 1999, 2002, 2003, 2004 ,2005, 2006, 2007, 2019, 2020,2021,2022,2023

10.3. Activities

1.The committe member for Faculty Biology Education - Chairman of The Student Scientific Society 1978-1980

2.Commission Membership - Scientific Research Pedagogical Sciences Institute, (Scientific Academy (SRIPS) Scientific Research Institute of Pedagogical Sciences) 1989-1995

3.Branch Assistant Manager- Scientific Research Pedagogical Sciences Institute (Academy of Sciences) 1989-1993

4.Education Coordinator- Scientific Research Pedagogical Sciences Institute, (Academy of Sciences) 1990-1993

5.The Committee Member For Faculty Economical and Administrative Science of Okan University, 2008-2010

6.The Committe Member For Faculty Art and Science of Okan University, 2010-2012

10.4. Overseas Experience

1. School No.116: Pedagogue Former Soviet Union, 1982-1984

2. High School : Biology Teacher Former Soviet Union 1984-1988

3. PhD Student: Moscow Pedagogical State University (MGPU)- 1990-1991

4. Erasmus: Italia-Catania 04.06.2012

5. Sabbatical Program: Spring 2014-2015 America (Alabama)-German (Darmstadt)

10.5. Awards

Diploma of Senior Researcher 1998 (VAK)

Broadcast Incentive Award, Okan University 2007

Broadcast Incentive Award, TÜBİTAK 2008

Broadcast Incentive Award, Okan University2008

Broadcast Incentive Award, Okan University2009

Broadcast Incentive Award, TÜBİTAK 2010
Broadcast Incentive Award, Okan University 2010
Broadcast Incentive Award, TÜBİTAK 2011
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Broadcast Incentive Award, TÜBİTAK 2018
Broadcast Incentive Award, Okan University 2019
Broadcast Incentive Award, TÜBİTAK 2019
Broadcast Incentive Award, Okan University 2020
Broadcast Incentive Award, Okan University 2021
Broadcast Incentive Award, Okan University 2022

11. Undergraduate and Graduate Courses Given in the Last Years

Spring

Physiology I-II Department of Nutrition and Dietetics	(3+0)
Physiology I-II Department of Nursing	(3+0)
Development of Neurology	(2+0)
Physiological Psychology	(3+0)
Health Psychology	(3+0)
Communiti Service Project	(1+4)
Biology I	(3+0)
Food Hygiene	(3+0)
Sanitation	(3+0)

Autumn

Physiology II Department of Nutrition and Dietetics	(3+0)
Physiology II Department of Nursing	(3+0)
Physiology Department of Child Development	(3+0)
Environmental Psychology	(3+0)
Research Projects Course	(4+1)
Biology II	(3+0)
Environmental Microbiology	(3+0)
Hygiena	(3+0)
Ecotoxicology	(2+0)
Tourism and Health	(3+0)
Flora and Fauna	(3+0)
Environment and Social Responsibility	(3+0)