



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Amra Odošić**
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E-mail amra.odobasic@untz.ba
Nationality Bosnian
Date of birth 12.06.1967.
Gender FEMALE

Desired employment / Occupational field

Full professor of physical chemistry

Work experience

Dates 2016 - Chief of department of physical and electrochemistry
2010 – 2016 Dean of Faculty of Technology
2007 – 2009 - Chief of department of physical and electrochemistry
2011 - Assoc. professor of Physical and electrochemistry
2017- Full professor
Occupation or position held University professor/ PhD
Main activities and responsibilities Organisation and leadership of education, science and research work on Faculty.
Name and address of employer University of Tuzla, Tihomila Markovića 1, 75 000 Tuzla, Bosnia and Herzegovina

Education and training

Dates Doctor study from 2001 to 2005.
Title of qualification awarded Doctor of Technical sciences – area Ecological engineering and Environmental protection
Principal subjects/occupational skills covered Physical chemistry and electrochemistry /research speciation and determination heavy metals in natural water
Name and type of organisation providing education and training Faculty of Technology, University of Tuzla
Level in national or international classification

Personal skills and competences

Mother tongue(s)

Bosnian

Other language(s)

Self-assessment

European level ()***english
Language**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B1	B2	A2	A2	B1

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

- good communication skills gained through my experience as dean of faculty
- team spirit

Computer skills and competences

Good command of Microsoft Office™ tools (Word™,Excel™, Power Point™)

Driving licence

B CATEGORY

Additional information

1. A.Bratovčić, **A. Odobašić**, S. Čatić, "The Advantages of the Use of Ion – Selective Potentiometry in Relation to UV/VIS Spectroscopy", *Agriculturae Conspectus Scientificus*, Vol.4, No.3 (139-142) ISSN 1331-7768, 2009.
2. H.Keran, M.Salkić, **A. Odobašić**, M.Jašić, N. Ahmetović, I.Šestan: "Importance of determination of some physico – chemical parameters of wheat and flour", *International Congress of technologists for postharvest technology, Agriculturae Conspectus Scientificus*, vol.74, No.3 (197-200), ISSN 1331-7768, 2009.
3. H.Keran, **A. Odobašić**, A.Bratovčić, I.Šestan, E. Omeragić: „Lead and Cadmium content determination in milk by applying the voltammetry method“, *Food industry, Milk and dairy products*, Vol.19. ,No.1-2. (34-38),UDK 664,YU ISSN 0353-6564, 2008.
4. S.Čatić, **A. Odobašić**, H. Keran:" Voltammetric determination of heavy metals in ground“, VII Scientific symposium with international participation – Metallic and nemetalic materials, Zenica, Books abstract , 583-598), 2008.
5. S. Čatić, **A. Odobašić**, H.Keran:" Test of stainless steel on pitting corrosion" VII Scientific symposium with international participation – Metallic and nemetalic materials, Zenica, Zenica, Books abstract, (343-347), 2008.
6. **A. Odobašić**, S.Čatić, H.Keran, H.Pašalić, I.Šestan: "ISP – method for control calcium in milk“, *Food Industry* , Vol.20, (91-94), 2009.
7. **A. Odobašić** , S. Tuzlak, S.Čatić, H. Keran, I. Šestan: "Application Ion – Selective potentiometry (ISP) for determination chloride ion in natural and drink water", *INTECH*, septembar, Prag, Czech Republic, 2010.
8. **A. Odobašić** , H. Pašalić, S. Čatić, A.Bratovčić "Speciation of copper in water lake modrac with DPASV", *Journal of Environmental Protection and Ecology – JEPE* ISSN vol. 11 No.2,(412 -423), 2010.
9. **Amra Odobašić**, Selma Tuzlak, Sead Čatić,, Husejin Keran, Indira Šestan: "Application Ion selective Potentiometry (ISP) for determination Chloride Ion in Natural and Drink Water", *European Journal of Scientific Research*, Vol. 62, No.1, 2011, pp.(70-75).
10. Husejin Keran, **Amra Odobašić**, Sead Čatić, Nihada Ahmetović, Mirsad Salkić, Indira Šestan:" Lead and Cadmium concentrations in vegetables, the base for the calculation of their index and risk assessment", *Journal of Environmental Protection and Ecology* vol.12,No.4,2011, pp.(1700 -1706)
11. **Amra Odobašić**, Indira Šestan, Sead Čatić, Husejin Keran,"The influence of thermal treatment on the content of calcium in milk" *Slovenian chemical days 2011*, Portorož, Slovenia.
12. Ema Obralić, Sead Čatić, **Amra Odobašić**, Indira Šestan," Methods of Applying metal coatings on plastics", IX meetings young chemical engineer , Zagreb, Croatia , 2012
13. Adem Dautbašić, Sead Čatić, **Amra Odobašić**, Husejin Keran," Corrosion of implantants based on Sstainless steel in saline" IX Scientific symposium with international participation – Metallic and nemetalic materials, Zenica, 2012.
14. **Amra Odobašić**, Maja Hodžić, Indira Šestan, Amra Bratovčić, Zahida Ademović," Potentiometric determination of content of pottasium in different sorts of fresh and thermally processed tomato", *Slovenian Chemical days*, Maribor Slovenia, 2013.
15. **Amra Odobašić**, Indira Šestan, Sead Catic, Husejin Keran, Almir Šestan,"Chemical Speciation of Zn in Water of the Lake Modrac and Assessment of Toxicity of Water" *European Journal of Scientific Research*, Vol. 113 No 4 October, 2013.pp.616-624
16. Ademović Z., Odobašić A., Hodžić M., Iličković Z., „ Influence of treatment at the crystal modification of poly (vinylidene) chloride“, *Books af abstract, Slovenan chemical days, Slovenia,Maribor 2013*.
17. H. Keran, A. Odobašić, S. Čatić, M. Salkić, E. Imširović, M. Hodžić, „Faktori koji utiču na otpuštanje i vezivanje teških metala u otopini tla“, *TMT, Istanbul 2013*.
18. Sabina Begić, Vladan Mičić, Zoran Petrović, Amra Odobašić, Maja Stevanović Hodžić" Istraživanje uslova primjene vapnenih muljeva u procesima neutralizacije kiselih otpadnih voda" X Savjetovanje hemičara, tehnologa i ekologa Republike Srpske, 2013.
19. H. Keran, A. Odobašić, A. Dautbašić, T. Lukić, E. Imširović, "Distribucijski koeficijenti za olovo i kadmij u tlu i paradajzu", III Međunarodni kongres „Inženjerstvo, ekologija i materijali u procesnoj industriji“ Jahorina, Mart, 2013, UDK: 546.3:504.5:635.64, (I-111).
20. Husejin I.Keran, Amra S. Odobašić, Sead O.Čatić, Indira J Šestan, Amra I. Bratovčić, Ema M. Obralić, Emira E. Omeragić, "Određivanje esencijalnih elemenata u mlijeku primjenom voltametrijske tehnike", *Prehrambena industrija, Mleko i mlečni proizvodi*, Vol. 1. pp.51 -53, (2013)

21. Keran, **A. Odobašić**, S. Čatić, M. Salkić, E. Imširović, M. Hodžić, „Factors influencing the release and binding of heavy metals in the soil solution“, TMT, Istanbul 2013.
22. H. Keran, **A. Odobašić**, A. Dautbašić, T. Lukić, E. Imširović, " The distribution coefficients for lead and cadmium in the soil and tomatoes, "III International Congres „Ingeeneering, ecology and material in processing industry“ Jahorina, UDK: 546.3:504.5:635.64, (I-111), 2013.
23. Husejin I.Keran, **Amra S. Odobašić**, Sead O.Čatić, Indira J Šestan, Amra I. Bratovčić, Ema M. Obralić, Emira E. Omeragić, " Determination of essential elements in milk by voltammetric techniques ", Prehrambena industrija, Mleko i mlečni proizvodi, Vol. 1. pp.51 -53, 2013.
24. **Amra Odobašić**, Sead Čatić, Amra Bratovčić, Indira Šestan" Speciation of Pb ions in Lake Modrac by differential pulse anodic stripping voltammetry (DPASV), International Journal of Basic and Applied Science IJBAS-IJENS, pp 1-7, Vol 14,No.03, 2014.
25. Amra Bratovčić, **Amra Odobašić**, Alija Nurkić „The heterogeneous photocatalysis using the TiO₂ for photocatalytic wastewater treatment, International Conference - Ružička days, Books af abstracts, Vukovar, Croatia, 2014.
26. Indira Šestan, **Amra, Odobašić**, Amra Bratovčić "Correlation of physical-chemical parameters of fresh and thermally processed milk and content of calcium" , A meeting of young chemists and chemical engineers, Proceedings pp(Zagreb, Croatia, 2014.
27. **Amra Odobašić**, Indira Šestan, Sead Čatić, Husejin Keran, Amra Bratovčić, Melisa Ahmetović" Biosorption of lead and copper ions from aqueous solutions using barley straw as adsorbent" III Sceintific Symposium with international participation –"World Environment Day",Book of abstracts, Bihać,4-5 june, 2015.
28. Amra Bratovčić, **Amra Odobašić**, Indira Šestan, Alija Nurkić" Photocatalytic treatment of industrial waste water using titanium dioxide" III Sceintific Symposium with international participation –"World Environment Day", Bihać,4-5 june, 2015.
29. **Amra Odobašić**, Indira Šestan, Sead Čatić, Amra Bratovčić "The kinetics of cooper ions adsorption from aqueous solution on natural and commercial adosrbents" 4th Scientific Symposium with international participation "Environmental resources, sustainable development and food production, november, Tuzla, Bosnia and Herzegovina, 2015.
30. Amra Bratovčić, **Amra Odobašić**, Sead Čatić, Indira Šestan, Alija Nurkić" Advantages and disadvantages of titanium dioxide photocatalyst" , 4th Scientific Symposium with international participation "Environmental resources, sustainable development and food production, november, Tuzla, Bosnia and Herzegovina, 2015.
31. Keran H., Jašić M., Viktor Juul N., Odobašić A., Salkić M., Ademović Z. and Mahovac E., Activity Water and Antioxidative Properties of Wild Onion from Bosnia and Herzegovina, Journal of Recent Advances In Agriculture, 3(4): 377-381, 2015.
32. Abdel Đozić,Vahida Selimbašić, Amra Odobašić, Amira Cipurković, Vedran Stuhli " Survey of heavy metal pollution and risk assessment of Spreča river sediments", The 5th International Conference on Environmental and Material Flow Management, EMFM 2015, Zenica.
33. Keran H., Jašić M., Viktor Juul N., **Odobašić A.**, Salkić M., Ademović Z.,Mahovac E., „Activity Water and Antioxidative Properties of Wild Onion from Bosnia and Herzegovina“ , Journal of Recent Advances In Agriculture, Vol.3(4): 377-381, 2015.
34. Indira Šestan, **Amra Odobašić**, Amra Bratovčić, Almir Šestan " Inorganic Speciation of Lead, Copper and Zinc in the Water of Modrac Lake by Application of DPASV", International Journal of Engineering and Management Research, Vol.6, (3) pp. 564-568, 2016.

Annexes

35. Indira Šestan, **Amra Odobašić**, Amra Bratovčić, Husejin Keran, Ema Obralić "Kinetics of Copper Ions Adsorption from Water Solutions on Humic Matter and Barley Straw" European Journal of Scientific Research, Vol. 140 No. 1. pp.109-113, 2016.
36. Amra Bratovčić, **Amra Odobašić**, Azra Bašić, Edina Suljić, Jasmina Alić" Application of new materials based on TiO₂", poster presentation, XI meeting of young chemical engineers, Faculty of chemical engineering and technology, Book of abstracts, Zagreb, Croatia, 2016.
37. **Amra Odobašić**, Indira Šestan, Amra Bratovčić "Impact of selection of plant materials on adoption of lead and copper from soil", International Conference 16th Ružička days „TODAY SCIENCE – TOMORROW INDUSTRY“, Book of abstracts, september 21-23, Vukovar, Croatia, 2016.
38. A. Cipurković*, E. Horozčić, N. Ljubijankić, **A. Odobašić**, S. Galijašević and M. Saletović" Synthesis and spectral characterization of Fe(II) and Mn(II) complexes with oral fluorouracil pro-drug capecitabine", RASAYAN J.Chem., Vol.10, No. 4,1381-1390,October-december, 2017.
39. Indira Šestan, **Amra Odobašić**, Amra Bratovčić, Melisa Ahmetović, Abdel Đozić," Correlation analysis of metal distribution in the water/sediment system of Modrac lake", INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY, DOI: 10.5281/zenodo.1036672, October, 2017
40. Adisa Hasanbašić, Emına Tučić, Amra Bratovčić, **Amra Odobašić**, Indira Šestan, "Impact of solvent and temperature on solubility and viscosity of expanded polystyrene (EPS)" – poster presentation, 1st International Students GREEN Conference, Faculty of Agriculture in Osijek, Croatia, May 2018
41. Amra Bratovčić, **Amra Odobašić**, Indira Šestan, Emına Tučić, Adisa Hasanbašić, Edita Šarić, „ Determination of physical – chemical properties and stability of orange juice at room temperature“, Sixth international scientific conference „ June 5th – World environment day“ , Bihać, Book of abstracts, june, 2018.
42. Husejin Keran, Jasmin Suljagić, Indira Šestan, Melisa Ahmetović, **Amra Odobašić**, Bioavailability of lead and cadmium from soli to plant root. Sixth international scientific conference, June 5th - World environment day, Bihać, book of Abstracts, june, 2018.
43. Amra Bratovčić, Mirnesa Zohorović, **Amra Odobašić**, Indira Šestan " Efficiency of food waste as an organic fertilizer" INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY, DOI: 10.5281/zenodo.1299043, Vol. 7, Iss. 6, 527-530, june 2018.

Projects

1. TEMPUS projects" EU Food Law - Bridge among University and Industry" 2001 – 2005.
2. 158989-Tempus-1-2009-1-BE-Tempus-JPHES "Creation of university-enterprise cooperation networks for education on sustainable technologies", 2009-2011.
3. EDUFOOD projects - Development of education and transfer of knowledge in the area of food technology. Partners HiST, Faculty of Technology, Norway NAD Faculty of Technology University of Novi Sad, Serbia 2011-2014.
4. „Identification of chemical forms heavy metals in natural water TK,(2007-2008).
5. "Research form of heavy metals and their bioavailability in natural water" support by Federal ministry of educational, science and culture, 2009-2010
6. IPA projects "Partnership for the effective implementation of local economic development in north-east Bosnia and Herzegovina "In partnership with the Independent Bureau for Development (NBR) financed, EU Delegation to BiH, 2014 -2016.
7. Research on the possibility of applying agricultural waste for biosorption processes for removing heavy metals from natural and wastewater, support by Federal ministry of educational, science and culture, 2017-2018

Chapters (international)

1. Amra Bratovčić, **Amra Odobašić**: Environmental Monitoring, Part 2, Chapter 7: Determination of Fluoride and Chloride Contents in Drinking Water by Ion Selective Electrodes, InTech , 2011
2. Grujić Radoslav, **Odobašić Amra**, Grujić Slavica: „Zagađenja koja nastaju u prehrambenoj industriji“, Knjiga 2 Održive tehnologije u prehrambenoj inustriji, 158989-Tempus-1-2009-1-BE-JPHES "Creation of university-enterprise cooperation networks for education on sustainable technologies"(2011).
3. **Amra Odobašić**: Water Quality, Part 2, Chapter 19: Determination and speciation of trace heavy metals in Natural Water by DPASV, InTech, 2012.
4. **Amra Odobašić**, Indira Šestan, Amra Bratovčić: Handbook of food Bioengineering, Vol. 4. "Ingredients Extraction by Physicochemical Methods in Food", Chapter 6: The Extraction of Heavy Metals From Vegetable Samples, Elsevier,2017.

