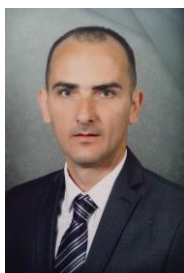


PERSONAL INFORMATION

**Farzet BIKIĆ**



📍 Sejmenska 17 A, 72 000 Zenica, Bosnia and Herzegovina

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✉ farzet.bikic@mf.unze.ba; farzet\_bikic@yahoo.com

WORK EXPERIENCE

October 2000 - present

**Full professor**

University of Zenica, Faculty of Metallurgy and Technology, Travnička cesta 1, 72000 Zenica, Bosnia and Herzegovina

- Skill and scientific research in the field of Chemistry, subjects: Analytical Chemistry, Physical Chemistry, General and Inorganic Chemistry, Environmental Chemistry and Corrosion and Protection.

Scientific-educational, skill and research

EDUCATION AND TRAINING

2007 - 2008

**Doctor of Technical Sciences. Field of Physical Chemistry**

University of Zenica, Faculty for Metallurgy and Materials Science in Zenica, Bosnia and Herzegovina

2001 – 2004

**Masters Degree in Chemical Sciences. Field of Physical Chemistry**

University of Sarajevo, Faculty of Science in Sarajevo, Bosnia and Herzegovina

1995-2000

**Engineer Technologist. Chemical Technology Department**

University of Tuzla, Faculty of Technology in Tuzla, Bosnia and Herzegovina

Foreign language(s)

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | B1            | B1      | B1                 | B1                | B1      |

## ADDITIONAL INFORMATION

## Publications

## SCIENTIFIC PUBLICATIONS IN INDEXED JOURNALS

- J. Šćepanović, V. Asanović, D. Radonjić, D. Vuksanović, S. Herenda, F. Korać, **F. Bikić**: Mechanical properties and corrosion behaviour of Al-Si alloys for IC engine, *J. Serb. Chem. Soc.* 84 (0) 1–14 (2019), eISSN: 1820-7421.
- A. Gigović-Gekić, **F. Bikić**, H. Avdušinić: Corrosion Behaviour Of Steel Nitronic 60 In Relation To Steel 316L, *Journal of Trends in the Development of Machinery and Associated Technology* Vol. 21, No. 1, 2018, ISSN 2303-4009 (online), p.p. 25-28.
- A. Gigović Gekić, **F. Bikić**, H. Avdušinić: Influence of the delta ferrite content on the corrosion behavior of austenitic stainless steel Nitronic 60, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 50 (2018) 31-34.
- F. Bikić, D. Kasapović, K. Deljić, D. Radonjić: Application of aloe vera as green corrosion inhibitor aluminium alloys type AA8011 and AA8006 in 3,5% NaCl solution, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 48 (2017) 35 -40.
- F. Bikić, D. Brkić, M. Jovanović: Utjecaj magnezijeva klorida na koroziju betona i čelične armature u betonu, *Kem. Ind.* 66 (1-2) (2017) 1–8
- F. Bikić, A. Pašalić: Utjecaj pH vrijednosti tla i dodatka kelatnog agensa na sadržaj kadmija u pojedinim biljkama, *Kem. Ind.* 65 (7-8) (2016) 375–378.
- F. Bikić, D. Brkić: Investigation of the influence of magnesium chloride to sulfate corrosion of concrete, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 46 (2016) 7-12.
- M. Janjić, H. Avdušinić, Z. Jurković, F. Bikić, S. Savićević: INFLUENCE OF AUSTEMPERING HEAT TREATMENT ON MECHANICAL AND CORROSION PROPERTIES OF DUCTILE IRON SAMPLES, *METALURGIJA* 55/3 (2016), 325-328.
- S. Bobar, M. Mehović, F. Bikić: Kvalitet pitke vode i sadržaj rastvorenog kiseonika na različitim izvorištima u gradu Mostaru, *Educa, Časopis za obrazovanje, nauku i kulturu*, Educa. ISSN:1840-3301. br.8, (2015)13-19
- F. Bikić: TESTING INFLUENCE OF SULFATE ON CORROSION RATE OF STEEL REINFORCEMENT IN CONCRETE CAUSED BY ACTION OF CHLORIDE, *Journal of Trends in the Development of Machinery and Associated Technology* Vol. 18, No. 1, 2014, ISSN 2303-4009 (online), p.p. 111-114.
- F. Bikić, D. Mujagić: INVESTIGATION OF POSSIBILITY FOR REDUCING AISI 303 STAINLESS STEEL PITTING CORROSION BY MICROALLOYING WITH BORON OR ZIRCONIUM, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 42 (2014) 41 -46.
- F. Bikić: PRELIMINARY ANALYSIS OF HEAVY METALS CONTENT IN RIVER BOSNA ABOVE AND BELOW THE INDUSTRIAL PLANTS IN ZENICA AND ASSESSMENT OF POLLUTION, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 41 (2013) 48 -51.
- F. Bikić, M. Rizvanović, M. Cacan: UTJECAJ KLASE PORTLAND-CEMENTA NA BRZINU KOROZIJE ČELIČNE ARMATURE U CEMENTNOM MORTU UZROKOVANE PRODORANJEM KLORIDA I SULFATA IZ OKOLINE, *Journal of chemists and chemical engineers of Croatian*, *Kem. Ind.* 62 (1-2) (2013) 1–5.
- Farzet H. Bikić: UTICAJ HEMIJSKOG VEZIVANJA HLORIDA ZA ALUMINATE U PROCESU HIDRATACIJE CEMENTA NA KOROZIJU ČELIČNE ARMATURE U BETONU, *Journal Association of chemical engineers of Serbia*, *Hem. ind.* 64 (1) (2010) 47–51.
- Farzet H. Bikić: INVESTIGATION OF THE REACTIONS OF CHLORIDES BINDING TO ALUMINATES USING XRD AND DTA METHODS, *Journal Association of chemical engineers of Serbia*, *Hem. ind.* 63 (2) (2009) 115–119.

## PUBLISHED IN PROCEEDINGS OF CONFERENCES

- F. Bikić**: PRIMJENA ELEKTROHEMIJSKIH ASTM METODA U ISPITIVANJU OPŠTE I PITTING KOROZIJE NEHRĐAJUĆIH ČELIKA, 11. Naučno-stručni skup sa međunarodnim učešćem "QUALITY 2019", Neum, B&H, 14. – 16. juni 2019, Proceedings ISSN 1512-9268 117-121.
- F. Bikić**, A. Pašalić: UTJECAJ DODATKA KOMPLEKSIRAJUĆEG AGENSA U KISELO TLO NA SADRŽAJ CINKA, NIKLA I KROMA U POJEDINIM BILJKAMA, 1<sup>st</sup> INTERNATIONAL CONFERENCE THE HOLISTIC APPROACH TO ENVIRONMENT, SEPTEMBER 13<sup>th</sup> - 14<sup>th</sup>, 2018 SISAK, REPUBLIC OF CROATIA, PROCEEDINGS BOOK, ISSN 2623-677X, 65-70.
- F. Bikić, F. Baltić, D. Kasapović, A. Pašalić, Chemical analysis of heavy metals in leaf of green salad and assessment of contamination, 12th Scientific - Research Symposium with International Participation METALLIC AND NONMETALLIC MATERIALS production – properties – application“, Vlašić, Bosnia and Herzegovina, April 19th – 20th 2018 ISSN 2566-4344, 270-273.
- F. Bikić, K. Deljić, D. Kasapović, D. Radonjić, Uticaj odnosa Fe/Si, dodatka Mn i homogenizacionog žarenja na koroziju legura aluminija tipa Al-Fe-Si-Mn u 3,5 % NaCl, 10. Naučno-stručni skup sa međunarodnim učešćem "QUALITY 2017", Neum, B&H, 17. – 20. maj 2017, Proceedings ISSN 1512-9268, 173-177.
- M. Šišić, Š. Goletić, F. Bikić, V. Birdahić, Definisaneje modela kompostiranja smjese mulja i drvne piljevine u funkciji kvaliteta smjese i temperature okoline, 10. Naučno-stručni skup sa međunarodnim učešćem "QUALITY 2017", Neum, B&H, 17. – 20. maj 2017, Proceedings ISSN 1512-9268, 441-446.

- D. Brkić, F. Bikić, INFLUENCE OF TYPES OF MAGNESIUM SALTS ON THE CORROSION RATE OF REINFORCEMENT STEEL IN CONCRETE, 20th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2016, Mediterranean Sea Cruising, 24th September – 1<sup>st</sup> October 2016, Proceedings ISSN 1840-4944, 85-88.
- K. Deljić, B. Markoli, I. Naglič, D. Radonjić, F. Bikić, Uticaj metalurškog stanja i legirajućih elemenata na korozione i mehaničke osobine nekih Al-Mg, Al-Mn, Al-Mg-Si i Al-Fe-Si legura, PLENARNO PREDAVANJE, XVIII YuCorr, April 12-15, 2016, Tara Mountain, Serbia, Proceedings, ISBN 978-86-82343-24-0, 41-53.
- F. Bikić, A. Ibrahimagić, H. Berbić, H. Prcanović, Preliminarna analiza kvaliteta zraka u Zenici sa stanovišta sadržaja volatilnih organskih jedinjenja, XI Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“, Zenica, BiH, 21-22. april 2016, Zbornik radova, ISBN 978-9958-785-38-2, 361-366.
- F. Bikić, D. Brkić, Istraživanje uticaja vodocementnog faktora na brzinu korozije betona i čelične armature uzrokovane solima magnezija, XI Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“, Zenica, BiH, 21-22. april 2016, Zbornik radova, ISBN 978-9958-785-38-2, 196-202.
- I. Naglič, K. Deljić, Z. Samardžija, F. Bikić, B. Leskovar, B. Markoli, MICROSTRUCTURE AND MECHANICAL PROPERTIES OF Al-ALLOYS WITH QUASICRYSTALS, MME SEE 2015 Metallurgical & Materials Engineering Congress of South-East Europe, June 3-5, 2015 Belgrade, Serbia, PROCEEDINGS, ISBN 978-86-87183-27-8, 67-71.
- F. Bikić, A. Pašalić: EXAMINE THE POSSIBILITIES OF APPLICATION OF CERTAIN PLANTS IN THE PROCEDURE PHYTOREMEDIATION SOIL CONTAMINATED WITH HEAVY METALS, 5<sup>th</sup> International Scientific Conference Environmental and Material Flow Management EMFM 2015, Zenica B&H, 05-07 November 2015. ISBN 978-9958-617-46-1, 135-137.
- F. Bikić, S. Bobar: INTERACTION OF WATER/SEDIMENT AS A FACTOR OF ZINC DISTRIBUTION IN THE WATERS OF NERETVA, 19th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2015, Barcelona, Spain, 22-23 July 2015, Proceedings, 233 -236, ISSN 1840-4944.
- F. Bikić, H. Kruško, S. Bobar: ANALIZA TEŠKIH METALA U BILJKAMA NASELJA TETOVO I PROCJENA KONTAMINACIJE, 9. Naučno-stručni skup sa međunarodnim učešćem " QUALITY 2015", Neum, B&H, 10. – 13. juni 2015, Proceedings ISSN 1512-9268 465-467.
- A. Pašalić, F. Bikić, Š. Goletić: UTICAJ pH TLA I DODATKA HELATNOG AGENSA NA SADRŽAJ OLOVA U POJEDINIM BILJKAMA, 9. Naučno-stručni skup sa međunarodnim učešćem " QUALITY 2015", Neum, B&H, 10. – 13. juni 2015, Proceedings 493-497.
- M. Šišić, N. Avdić, F. Bikić: EKOLOŠKI PRIHVATLJIVI NAČINI ZBRINJAVANJA MULJEVA ZAOSTALIH NA KOMUNALNIM UREĐAJIMA ZA PREČIŠĆAVANJE OTPADNIH VODA, 9. Naučno-stručni skup sa međunarodnim učešćem " QUALITY 2015", Neum, B&H, 10. – 13. juni 2015, Proceedings 475-480.
- F. Bikić, M. Rizvanović: UTICAJ NAČINA PRIPREME ČELIČNE ARMATURE NA BRZINU KOROZIJE ISTE U CEMENTNOM MALTERU, X Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“ Bugojno, BiH, 24-25. april 2014, Zbornik radova, ISSN 978-9958-785-29-0, 179-183.
- F. Bikić, M. Rizvanović: ISTRAŽIVANJE UTICAJA TEMPERATURE NA REAKCIJE VEZIVANJA HLORIDA ZA ALUMINATE X Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“ Bugojno, BiH, 24-25. april 2014, Zbornik radova, ISSN 978-9958-785-29-0, 305-308.
- A. Zahirović, F. Bikić, N. Ukrainczyk: UTICAJ DODAVANJA CaCO<sub>3</sub> NA MINERALOŠKE I FAZNE PROMJENE U SINTERU PRAĆENE POMOĆU METODE RENDGENSKE DIFRAKCIJE, X Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“ Bugojno, BiH, 24-25. april 2014, Zbornik radova, ISSN 978-9958-785-29-0, 277-282.
- F. Bikić, M. Rizvanović, H. Avdušinović: INVESTIGATION PITTING CORROSION OF ASTM 321 STAINLESS STEEL, 17<sup>th</sup> International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2013, Istanbul, Turkey, 10-11 September 2013, Proceedings, ISSN 1840-4944, 121-123.
- F. Bikić, L. Omerović: ANALYSIS OF SOIL SITES TETOVO ON HEAVY METALS AND ASSESSMENT OF POLLUTION, 2<sup>th</sup> International Symposium on Environmental Management and Material Flow Management EMFM 2012, Zenica B&H, 07-09 June 2012, ISBN 978-9958-617-46-1, 23-25.
- F. Bikić: OSNOVE IR SPEKTROMETRIJE, IX Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“ Zenica, BiH, 23-24. april 2012, Zbornik radova, ISSN 978-9958-785-26-9, 297-302.
- F. Bikić, S. Bobar: INTERACTION OF WATER/SEDIMENT AS A FACTOR OF ZINC DISTRIBUTION IN THE WATERS OF NERETVA, 19th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2015, Barcelona, Spain, 22-23 July 2015, Proceedings, 233 -236, ISSN 1840-4944.
- F. Bikić, H. Kruško, S. Bobar: ANALIZA TEŠKIH METALA U BILJKAMA NASELJA TETOVO I PROCJENA KONTAMINACIJE, 9. Naučno-stručni skup sa međunarodnim učešćem " QUALITY 2015", Neum, B&H, 10. – 13. juni 2015, Proceedings ISSN 1512-9268 465-467.
- A. Pašalić, F. Bikić, Š. Goletić: UTICAJ pH TLA I DODATKA HELATNOG AGENSA NA SADRŽAJ OLOVA U POJEDINIM BILJKAMA, 9. Naučno-stručni skup sa međunarodnim učešćem " QUALITY 2015", Neum, B&H, 10. – 13. juni 2015, Proceedings 493-497.
- M. Šišić, N. Avdić, F. Bikić: EKOLOŠKI PRIHVATLJIVI NAČINI ZBRINJAVANJA MULJEVA ZAOSTALIH NA KOMUNALNIM UREĐAJIMA ZA PREČIŠĆAVANJE OTPADNIH VODA, 9. Naučno-stručni skup sa međunarodnim učešćem " QUALITY 2015", Neum, B&H, 10. – 13. juni 2015, Proceedings 475-480.

- F. Bikić, M. Rizvanović: UTICAJ NAČINA PRIPREME ČELIČNE ARMATURE NA BRZINU KOROZIJE ISTE U CEMENTNOM MALTERU, X Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“ Bugojno, BiH, 24-25. april 2014, Zbornik radova, ISSN 978-9958-785-29-0, 179-183.
- F. Bikić, M. Rizvanović: ISTRAŽIVANJE UTICAJA TEMPERATURE NA REAKCIJE VEZIVANJA HLORIDA ZA ALUMINATE X Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“ Bugojno, BiH, 24-25. april 2014, Zbornik radova, ISSN 978-9958-785-29-0, 305-308.
- A. Zahirović, F. Bikić, N. Ukrainczyk: UTICAJ DODAVANJA  $\text{CaCO}_3$  NA MINERALOŠKE I FAZNE PROMJENE U SINTERU PRAĆENE POMOĆU METODE RENDGENSKE DIFRAKCIJE, X Naučno/stručni simpozij sa međunarodnim učešćem „METALNI I NEMETALNI MATERIJALI“ Bugojno, BiH, 24-25. april 2014, Zbornik radova, ISSN 978-9958-785-29-0, 277-282.
- F. Bikić, M. Rizvanović, H. Avdušinović: INVESTIGATION PITTING CORROSION OF ASTM 321 STAINLESS STEEL, 17<sup>th</sup> International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2013, Istanbul, Turkey, 10-11 September 2013, Proceedings, ISSN 1840-4944, 121-123.
- F. Bikić, L. Omerović: ANALYSIS OF SOIL SITES TETOVO ON HEAVY METALS AND ASSESSMENT OF POLLUTION, 2<sup>th</sup> International Symposium on Environmental Management and Material Flow Management EMFM 2012, Zenica B&H, 07-09 June 2012, ISBN 978-9958-617-46-1, 23-25.

## PUBLISHED BOOKS

- Author of University's book, title: „Korozija i Zaštita“ Publisher: University of Zenica, Faculty for Metallurgy and Materials Science in Zenica, 2017. 620.193/.197(075.8), ISBN 978-9958-785-41-2, COBISS.BH-ID 23762694
- Author of University's book, title: „Eksperimentalna analitička hemija okoline“ Publisher: University of Zenica, Faculty for Metallurgy and Materials Science in Zenica, 2014. CIP 542/543(075.8), ISBN 978-9958-785-30-6.
- Author of University's book, title: Praktikum iz opšte i neorganske hemije. Publisher: University of Zenica, Faculty for Metallurgy and Materials Science in Zenica, 2010. CIP 546:543.07(075.8)(076.5), ISBN 978-9958-785-20-7.
- Author of University's book, title: Zbirka zadataka iz fizikalne hemije. Publisher: University of Zenica, Faculty for Metallurgy and Materials Science in Zenica, 2006. CIP 544(075.8)(076.1/.2), ISBN 9958-785-05-6.

## Projects

### SCIENTIFIC PROJECTS

**Head of project:** Investigation of the influence of the metallurgical state and the chemical composition on the formability and performance correlation of selected Al alloys types Al-Cu, Al-Mg, Al-Mg-Si, Al-Zn-Mg for structural and automotive purposes and Al-Fe-Si for packaging. This is a bilateral scientific research project between Bosnia and Herzegovina and Montenegro. The project will be implemented during 2016 and 2017 years.

**Head of project:** INVESTIGATION OF CORROSION OF CONCRETE AND STEEL REINFORCEMENT UNDER THE INFLUENCE OF MAGNESIUM SALTS. It is a scientific research project which is financed Federal Ministry of Education and Science of Bosnia and Herzegovina in 2015 year.

**Head of project:** INVESTIGATION OF THE INFLUENCE OF CHEMICAL BONDING OF CHLORIDES WITH HYDRATE ALUMINATES ON CORROSION STEEL BARS IN CONCRETE CAUSED PENETRATING CHLORIDE AND SULFATE FROM THE ENVIRONMENT. It is a scientific research project which is financed Federal Ministry of Education and Science of Bosnia and Herzegovina in 2010 year.

**Head of project:** Preliminary Analysis of Heavy Metals Content in the River Bosna Upstream and Downstream from the Industrial Plants in Zenica. It is a scientific research project which is financed Federal Ministry of Education and Science of Bosnia and Herzegovina in 2010 year.

**Participant of project:** RESEARCH FORM OF HEAVY METALS AND THEIR BIOAVAILABILITY OF NATURAL WATER FLOWS AND RESERVOIRS. It is a scientific research project which is financed Federal Ministry of Education and Science of Bosnia and Herzegovina in 2010 year. The project manager is Prof. Dr. Amra Odošić. The institution responsible for the project is Faculty of Technology, University of Tuzla.

### PROFESSIONAL PROJECTS

**Head of project:** ISPITIVANJE BRZINE OPŠTE KOROZIJE NEHRĐAJUĆIH ČELIKA TAFELOVOM METODOM - I FAZA. Izvršilac projekta je Fakultet za metalurgiju i materijale Univerziteta u Zenici. Naručilac projekta je ACRONI d.o.o. Jesenice, Slovenija. Narudžba br. 68189-15-0426, od 22.09.2010.godine.

**Head of project:** Tehničko – tehnološki projekat objekta namijenjenog za skladištenje i proizvodnju boja i lakova O.M.C. d.o.o. Breza, čiji je izvršilac Arhitekt d.o.o. Zenica, A – 30 / 13, august, 2013. g.

**Head of project:** PLAN AKTIVNOSTI SA MJERAMA I ROKOVIMA ZA POSTUPNO SMANJENJE EMISIJA, ODNOSNO ZAGAĐENJA I ZA USAGLAŠAVANJE SA NAJBOLJOM RASPOLOŽIVOM TEHNIKOM ZA DEPARTMENT "KOKSARA" ARCELOR MITTAL STEEL ZENICA, čiji je generalni izvođač bio Univerzitet u Zenici, ugovor broj EC-01-001-E od 25.05.2007. godine.

**Participant of project:** Studija o procjeni utjecaja na okoliš za pogon i postrojenja za proizvodnju električne i toplinske energije "KTG ZENICA d.o.o." Zenica, čiji je izvršilac Mašinski fakultet Univerziteta u Zenici, Institut za mašinstvo, Centar za ekološko inženjerstvo, EK-050-2, januar 2010.g.

**Participant of project:** Zahtjev za izdavanje okolinske dozvole za pogon i postrojenja za proizvodnju električne i toplinske energije "KTG ZENICA d.o.o." Zenica, čiji je izvršilac Mašinski fakultet Univerziteta u Zenici, Institut za mašinstvo, Centar za ekološko inženjerstvo, EK-050-1, oktobar 2009.g.

**Participant of project:** Elaborat o procjeni uticaja na okoliš proizvodnog objekta za proizvodnju dezinfekcionih sredstava na bazi hlordioksida, I.T.R. d.o.o., Sarajevo, Vratnički han bb, Visoko, Juni, 2010. godine. Izvršilac elaborata je Mašinski fakultet Univerziteta u Zenici, Institut za mašinstvo, Centar za ekološko inženjerstvo, EK-052/10.

**Participant of project:** PLAN AKTIVNOSTI SA MJERAMA I ROKOVIMA ZA POSTUPNO SMANJENJE EMISIJA, ODNOSNO ZAGAĐENJA I ZA USAGLAŠAVANJE SA NAJBOLJOM RASPOLOŽIVOM TEHNIKOM ZA MES VAR - LIV d.o.o. Vareš, čiji je izvršilac Mašinski fakultet Univerziteta u Zenici, Institut za mašinstvo, Centar za ekološko inženjerstvo, EK-046/09, juli 2009.g.

**Participant of project:** Tehničko – tehnološki elaborat proizvodno-skladišno-poslovno-administrativnog objekta „KARBON – NOVA“ d.o.o. Sarajevo, čiji je izvršilac Fakultet za metalurgiju i materijale u saradnji sa Mašinskim fakultetom Univerziteta u Zenici – Institutom Za Mašinstvo, TP-023/08, decembar 2008.g.

**Participant of project:** Dokumentacija uz zahtjev za izdavanje okolinske dozvole za proizvodno-skladišno-poslovno-administrativni objekt „KARBON – NOVA“ d.o.o. Sarajevo, čiji je izvršilac Mašinski fakultet Univerziteta u Zenici, Institut za mašinstvo, Centar za ekološko inženjerstvo, EK-037/08, decembar 2008.g.

**Participant of project:** PROJEKAT FORMIRANJA NAUČNO-TEHNOLOŠKOG PARKA ZENICA, šifra projekta: N-89, čiji je izvođač bio Mašinski fakultet u Zenici

**Memberships** Membership in scientific-reviewing committees of several scientific-research journals and international scientific-research conferences

**Certifications** Possess certificates for working on modern laboratory equipments consisting of:

- Atomic Absorption Spectrophotometer, AAnalyst 800,
- Potentiostat/Galvanostat, Princeton Applied Research, model 263A,
- UV–VIS Spectrophotometer, PerkinElmer, Lambda 650
- FT-IR Spectrometer, PerkinElmer, Spectrum 100.