



## Europass Curriculum Vitae



### Project acronym

OCEEFPTRWR

### Abbreviated name of the organization

UNSPMF

### Personal information

First name(s) / Surname(s)

**Daniela Šojić**

Address(es)

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Nationality

Serbian

Date of birth

25/06/1977

Gender

Female

### Position / role In the project

**Researcher**

### Work experience

Dates

- May 2009 – Associate researcher
- May 2005 - May 2009 Associate researcher
- February 2002 - December 2004 Fellowship of the Ministry of Science, Technology and Development of the Republic of Serbia

Occupation or position held

Associate researcher

Main activities and responsibilities

Research and education

- Research on the field of environmental chemistry, photocatalytic degradation of organic compounds (pesticides), kinetic methods of analysis.
- Practical courses (B.Sc.): Environmental Analysis  
Information in Chemistry
- Practical course (PhD): Methodology of Scientific Research

Name and address of employer

University of Novi Sad Faculty of Sciences, Trg Dositeja Obradovića 3, 21000 Novi Sad, Serbia (website: [www.pmf.uns.ac.rs](http://www.pmf.uns.ac.rs))

Type of business or sector

analytical and chemical aspects of environmental protection

### Education and training



**Hungary-Serbia**

IPA Cross-border Co-operation Programme



The Programme is co-financed by the  
European Union

Dates	July 2009
Title of qualification awarded	PhD in Chemistry
Principal subjects/occupational skills covered	Analytical and Physical Chemistry
Name and type of organisation providing education and training	Department of Chemistry, Faculty of Sciences, University of Novi Sad, Trg Dositeja Obradovića 3, 21000 Novi Sad, Serbia
Level in national or international classification	PhD
Dates	November 2001 - December 2004
Title of qualification awarded	M.Sc. in Chemistry
Principal subjects/occupational skills covered	Physical Chemistry
Name and type of organisation providing education and training	Department of Chemistry, Faculty of Sciences, University of Novi Sad, Trg Dositeja Obradovića 3, 21000 Novi Sad, Serbia
Level in national or international classification	M.Sc.
Dates	October 1996 - May 2001
Title of qualification awarded	B.Sc. in Chemistry and Biology
Principal subjects/occupational skills covered	Physical Chemistry
Name and type of organisation providing education and training	Department of Biology, Faculty of Sciences, University of Novi Sad, Trg Dositeja Obradovića 3, 21000 Novi Sad, Serbia
Level in national or international classification	B.Sc.



**Personal skills and competences**

Mother tongue(s)

**Serbian**

Other language(s)

**English, Russian**

Self-assessment

European level (\*)

**English**

**Russian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

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

Social skills and competences

- Secretary of the Serbian Chemical Society – Chemical Society of Vojvodina (2009-)
- Reviewer of one work for the journal *Chemosphere*
- Member of the Serbian Chemical Society
- Member of the Association for Water Technology and Sanitary Engineering

Organisational skills and competences

Participated as a co-worker in 5 research projects

Technical skills and competences

Experience in High Pressure Liquid Chromatography

Computer skills and competences

- good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™), Origin Lab and Internet; Data bases of Web of Science, Scopus, Science Direct; Adobe reader, other instrument software were/are used. Basic knowledge of graphic design applications (Photo Shop™)

Artistic skills and competences

Elementary music school

Driving licence

Category B

**Additional information**

Summarizing data on the scientific activity:  
 Total number of refereed articles: **16**  
     In foreign journals from the above (without conference abstracts): **6**  
     In Serbian journals publishing in English: **3**  
     In Serbian journals publishing in Serbish: **7**  
 Number of citations: **25**  
 Numebr of heterocitations: **20**  
 Cumulative impact factor: **12.068**  
 Number of international conferences: **16**

**Annexes**

List of selected papers

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Signature

**List of selected papers:**

1. A. S. Topalov, D. V. Šojić, D. A. Molnár-Gábor, B. F. Abramović, M. I. Čomor, "Photocatalytic activity of synthesized nanosized TiO<sub>2</sub> towards the degradation of herbicide mecoprop", *Appl. Catal. B: Environ.* **54** (2004) 125-133.
2. D. V. Šojić, V. B. Anderluh, D. Z. Orčić, B. F. Abramović, Photodegradation of clopyralid in TiO<sub>2</sub> suspensions: Identification of intermediates and reaction pathways, *J. Hazard. Mater.* **168** (2009) 94-101.
3. N. D. Abazović, L. Mirengi, I. A. Janković, N. Bibić, D. V. Šojić, B. F. Abramović, M. I. Čomor, "Synthesis and characterization of rutile TiO<sub>2</sub> nanopowders doped with iron ions", *Nanoscale Res. Lett* **4** (2009) 518-525.
4. B. Abramović, D. Šojić, V. Anderluh, "Visible-light-induced photocatalytic degradation of herbicide mecoprop in aqueous suspension of TiO<sub>2</sub>", *Acta Chim. Slov.* **54** (2007) 558-564.
5. B. F. Abramović, D. V. Šojić, V. B. Anderluh, N. D. Abazović, M. I. Čomor, "Nitrogen-doped TiO<sub>2</sub> suspensions in photocatalytic degradation of herbicides mecoprop and (4-chloro-2-methylphenoxy)acetic acid using various light sources", *Desalination* **244** (2009) 293-302.
6. B. F. Abramović, V. B. Anderluh, F. F. Gaál, D. V. Šojić, "Derivative spectrophotometric determination of herbicides picloram and triclopyr in mixtures", *J. Serb. Chem. Soc.* **72** (2007) 809-819.
7. Biljana F. Abramović, Vesna B. Anderluh, Daniela V. Šojić and Ferenc F. Gaál, "Photocatalytic removal of the herbicide clopyralid from water", *J. Serb. Chem. Soc.* **72** (2007) 1477-1486.
8. A. Topalov, B. Abramović, D. Šojić, M. Čomor, "Fotokatalitičko uklanjanje herbicida mekopropa iz vode na nanočesticama TiO<sub>2</sub>", *Međunarodna konferencija Otpadne vode, komunalni čvrsti otpad i opasan otpad*, Budva, str. 89-93 (2003).
9. A. Topalov, B. Abramović, D. Šojić, D. Molnár-Gábor, M. Čomor, "Photocatalytic Degradation of Herbicide Mecoprop Sensitized by Colloidal TiO<sub>2</sub> Nanoparticles", *Proceedings of the Sixth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States*, Prague, Czech Republic, Synopsis 489, str. 1-5 (2003).
10. A. Topalov, D. Šojić, "Fotokatalitičko uklanjanje herbicida mekopropa iz vode uz veštački i prirodni izvor svetlosti", *Međunarodna konferencija Otpadne vode, komunalni čvrsti otpad i opasan otpad*, Zlatibor, str. 41-44 (2004).
11. D. V. Šojić, N. D. Abazović, V. B. Anderluh, B. F. Abramović, M. I. Čomor, "Visible-light photocatalytic degradation of herbicide mecoprop in N-doped TiO<sub>2</sub> suspensions", *Physical Chemistry 2006, 8th International Conference on Fundamental and Applied Aspects of Physical Chemistry*, Beograd, str. 657-659 (2006).
12. D. Šojić, B. Abramović, V. Anderluh, "Fotokatalitička razgradnja mekopropa u vodenoj suspenziji TiO<sub>2</sub> primenom vidljivog zračenja", *Međunarodna konferencija Otpadne vode, komunalni čvrsti otpad i opasan otpad*, Kruševac, str. 142-146 (2007).
13. D. Šojić, V. Despotović, N. Abazović, M. Čomor, B. Abramović, "Kinetika fotokatalitičke razgradnje mekopropa u vodenoj suspenziji N-TiO<sub>2</sub>", *Međunarodna konferencija Otpadne vode, komunalni čvrsti otpad i opasan otpad*, Zlatibor, str. 143- 147 (2009).
14. V. Despotović, D. Šojić, N. Abazović, M. Čomor, B. Abramović, "Fotokatalitička razgradnja (4-hlor-2-metilfenoksi) sirćetne kiseline u vodenoj suspenziji Fe-TiO<sub>2</sub>", *Međunarodna konferencija Otpadne vode, komunalni čvrsti otpad i opasan otpad*, Zlatibor, str. 148- 152 (2009).
15. Daniela Šojić, Biljana Abramović, Vesna Anderluh, Nadica Abazović, Mirjana Čomor, "Spektrofotometrijsko praćenje fotokatalitičke razgradnje mekopropa primenom različitih fotokatalizatora uz prirodni i veštačke izvore zračenja", *XLIV Savetovanje Srpskog hemijskog društva*, Beograd, str. 77-80, izvod FH-P05 (2006).
16. Vesna Anderluh, Biljana Abramović, Ferenc Gaál, Daniela Šojić, "Derivative spectrophotometric determination of herbicides picloram and triclopyr in mixture", *XLIV Savetovanje Srpskog hemijskog društva*, Beograd, str. 25-28, izvod AH-P03 (2006).

**Conferences:** 13