

## Curriculum vitae

Expert assigned to SP2, SP3  
Family Name: Agbaba  
First Name: Jasmina  
Date and place of birth: 27.07.1973. Pancevo, R. Serbia  
Civil status: Married  
Education:  
*Institution:* University of Novi Sad, Faculty of Sciences  
*Date:* 2005  
*Degree:* PhD  
*Institution:* University of Novi Sad, Faculty of Sciences  
*Date:* 2000  
*Degree:* MSc  
*Institution:* University of Novi Sad, Faculty of Sciences  
*Date:* 1997  
*Degree:* BSc

Language skills: (1 to 5: 1 lowest - 5 fluent)

<i>Language.</i>	<i>Speaking</i>	<i>Writing</i>	<i>Reading</i>
English	3	2	4
Russian	3	4	4

Years with the Firm: University of Novi Sad, Faculty of Sciences – 12 years

Key qualifications: Scientific works in the field of environmental protection. The control of water quality and chemical risk assessment is of key interest. Expertise in gas chromatography analysis of environmental samples by GC/MS, GC/ $\mu$ ECD and GC/FID. Experienced working in laboratory and pilot scale investigations, in particular relating to drinking water processes.

### 11. Professional experience record:

Date: 2005.-

*Location:* Novi Sad, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences  
*Position:* Assistant professor  
*Description:* Lecturer of Ecotoxicology, Toxicology of Aquatic Ecosystems, Drinking Water Quality Control, Environmental Monitoring, Air Protection

Date: 2004-2005.

*Location:* Novi Sad, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences  
*Position:* Assistant  
*Description:* Tutorials and practicals in Environmental Protection Technologies

Date: 1999-2004

*Location:* Novi Sad, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences  
*Position:* Research Assistant  
*Description:* Tutorials and practicals in Environmental Protection Technologies, Drinking Water Quality and Environmental Protection

Date: 1997-1999

*Location:* Novi Sad, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences  
*Position:* Research Trainee  
*Description:* Tutorials and practicals in Chemical Technology

12. Additional information:

- January 2008- Deputy Director of Chemistry Department at the Faculty of Sciences. Duty starts on 1st January 2008.
- March 2009- Head of the Laboratory for Chemical Investigation of the Environment
- Member of: Serbian Chemistry Society, Association for Water Technology and Sanitary Engineering, Yugoslav Association for Water Protection, International Water Association.

**Professional experience:**

**Project participant in:**

1. Research pilot plant for drinking water treatment in Kikinda region. *Faculty of Natural Sciences and Mathematics-Institute of Chemistry*, Novi Sad, 1998. Project leader prof dr Bozo Dalmacija
2. Urgent water supply source monitoring "Ratno ostrvo", *Faculty of Natural Sciences and Mathematics-Institute of chemistry*, Novi Sad, 1999. prof dr Bozo Dalmacija
3. Project No. C01/YUGR71-008, Monitoring of subterranean waters in Refinery "Novi Sad" in cooperation with PCO "Water Supply and Sewerage System" Novi Sad and UNEP-UNOPS, 2001-2003. Project leader prof dr Bozo Dalmacija
4. Monitoring of waters and land in the region of "Ratno ostrvo", *Faculty of Natural Sciences and Mathematics-Institute of Chemistry* Department for protection and improvement of environment, City of Novi Sad (2002). Project leader prof dr Bozo Dalmacija
5. Analysis of quantities and characteristics of waste waters with the cadastre of industrial polluters. *Faculty of Natural Sciences and Mathematics-Institute of Chemistry* in cooperation with PCO "Water Supply and Sewerage System" Novi Sad, 2002. Project leader prof dr Bozo Dalmacija
6. Monitoring of chemical quality of surface waters and sediments in Vojvodina as a basis for monitoring design in the year 2003, *Faculty of Natural Sciences and Mathematics-Institute of Chemistry* in cooperation with Provincial Department for Protection and Improvement of the Environment, 2002. Project leader prof dr Bozo Dalmacija
7. Monitoring of subterranean waters in petrochemical industry, Pancevo. *Faculty of Natural Sciences and Mathematics-Institute of Chemistry* in cooperation with Swiss Agency for Development and Cooperation, Belgrade, 2003. Project leader prof dr Bozo Dalmacija
8. Monitoring of subterranean waters in Novi Sad (Project A2) in cooperation with PCO "Water Supply and Sewerage System" Novi Sad and Swiss Agency for Development and Cooperation, Belgrade, 2000-2002. Project leader prof dr Bozo Dalmacija and I. Ivancev-Tumbas
9. Feasibility Study for Repair and rehabilitation of the Begej Canal (2003) in cooperation with Province Ministry for Environmental protection and Sustainable Development, Project leader prof dr Bozo Dalmacija
10. Bioremediation of soil and groundwater contaminated with oil and oil derivatives (2001). *Financed by National Ministry for science, technology and development (Grant No 1937) (project started in 2002)*, Project leader prof dr Bozo Dalmacija
11. Revitalization of the Great Kanal-DTD and feasibility study for CWWTP in the region in cooperation with Norwegian Institute for water Research (project started in 2003), Project leader prof dr Bozo Dalmacija
12. Cost-effective Technologies for Wastewater Treatment and Waste Biodegradation in Agro-industries with Reclamation of Resources, FP5 RTD Project for INCO-COPERNICUS-Balkans A2 (2003-2005) in cooperation with Wageningen University-The Netherlands, CUTEC Institute-Germany, ENEA-Italy, Hidroinstitut-Bijeljina and HEIS-Sarajevo, Bosnia and Herzegovina, national project leader prof dr Bozo Dalmacija
13. Development of quality control systems and improvement of water protection processes (Grant No OH142058) funded by Ministry of Sciences and Technological Development of Republic of Serbia, senior researcher, Project leader prof dr Bozo Dalmacija
14. Remediation of water and sediment in Vojvodina and risk assessment (Grant No TR 22012) funded by Ministry of Sciences and Technological Development of Republic of Serbia, senior researcher, project leader Dr Srdjan Roncevic
15. Reinforcement of the Laboratory for Environmental Protection at the Faculty of Science of the University of Novi Sad as a Centre of Excellence for Environmental Chemistry and Risk Assessment, INCO-CT-2006-043741 (2007-2009) in cooperation with CUTEC Institute-Germany, Fraunhofer Institute-Germany and Environmental KTN (University of Oxford, University of Aberdeen)-UK, project leader prof dr Bozo Dalmacija.

## Reference list

### peer reviewed papers

1. **Agbaba J.**, I. Ivancev-Tumbas., B. Dalmacija, M. Klašnja (2004): Formation of byproducts in the course of intermediate ozonation of groundwater pretreated by ozone and polyaluminium chloride, *Water Sciences and Technology*, 49 (4), 63-68.
2. Dalmacija B., Ivančev-Tumbas I., **Zejak J.**, Čukić Z. (2000) Danube pollution caused by the destruction of the oil refinery in Novi Sad, *European Water Management*, 3, (2), 62-63.
3. Dalmacija B., Ivančev-Tumbas I., **Agbaba J.**, Đurendić M. (2003) Case Study of Petroleum Contaminated Area of Novi Sad After NATO Bombing in Yugoslavia, *Soil and Sediment Contamination*, Vol. 12, No 4, 591 - 611.
4. Rončević, S., Dalmacija, B., Ivančev-Tumbas, I., Tričković, J., Petrović, O., Klašnja, M., **Agbaba, J.** (2005) Kinetics of Degradation of Hydrocarbons in the Contaminated Soil Layer, *Archives of Environmental Contamination and Toxicology*, 49 (1), pp 27-36.
5. Maletic S., Dalmacija B., Rončević S., **Agbaba J.**, Petrović O. (2009) Degradation Kinetics of an Aged Hydrocarbon-Contaminated Soil, *Water Air Soil Pollut.*, DOI 10.1007/s11270-008-9965-8.
6. Dalmacija B., Ivancev-Tumbas I., **Zejak J.** and Đurendić M. Case Study of Petroleum Contaminated Area of Novi Sad After NATO Bombing in Yugoslavia *Soil and Sediment Contamination*, 12 (4): 591-611 (2003).

### selected references

1. **Agbaba J.**, Tričković J., Ivančev-Tumbas I., Molnar J., Bečelić M., Dalmacija M. (2009) Screening of organic xenobiotics in the Krivaja river basin, *International conference XENOWAC 2009, Xenobiotics in the Urban Water Cycle, 11-13 March*, Paphos Cyprus, N106.
2. Ivančev-Tumbas I., Tričković J., **Agbaba J.**, Dalmacija B., Andrić N., Kovačević R., Zorić S. (2004) GC/MS analysis and EROD activity of sediment in Begej canal (Serbia and Montenegro), *First Central and Eastern European Environmental Health Conference*, International Conference in Prague, Czech Republic, 24-28. October, abstract no 109.
3. Ivančev-Tumbas I., Dalmacija B., Tričković J., Rončević S., **Agbaba J.**, Maljević E., Prica M. (2004) Sediment quality in Serbia-current state and the actions needed. *Conference Syllabus 2nd European Conference on Dredged Sludge Remediation*, No 6., Amsterdam, 1-3 December, 14 pages.
4. Rončević S., Božović Lj., Dalmacija M., Krčmar D., **Agbaba J.**, Dalmacija B. (2009) Screening of metals in the Krivaja river basin, *International conference XENOWAC 2009, Xenobiotics in the Urban Water Cycle, 11-13 March*, Paphos Cyprus, N112.
5. **Agbaba J.**, Dalmacija B., Karlović E., Prica M., Tričković J. (2008) Environmental risk assessment, *Proceedings of International conference «Wastewater, comunal solid waste and hazardous waste»*, Association for water technology and sanitary engineering, 14-17 april, Vršac, 270-276. (in serbian, plenary lecture)
6. **Agbaba J.**, Dalmacija B., Klašnja M., **Rončević S.**, Watson M. (2007) Application of anaerobically stabilised brewery solid waste as a soil fertilizer and conditioner, *Proceedings of International conference «Wastewater, comunal solid waste and hazardous waste»*, Association for water technology and sanitary engineering, 02-05 april, Kruševac, 228-233. (in serbian)
7. **Agbaba J.**, Dalmacija B., Maletić S., Rončević S., Krčmar D., Karlović E. (2006) Ozone treatment and biodegradation of anaerobic sugar factory sludge, *Advanced oxidation processes in drinking water treatment, Proceedings of 4<sup>th</sup> International Conference on Oxidation Technologies for Water and Wastewater Treatment*, 15-17. May, Goslar, Germany, 623-629.
8. Krčmar D., Dalmacija B., **Agbaba J.** (2008) Treatment of the wastewater from a sugar factory with a submerged membrane bioreactor, *Proceeding of Regional IWA Conference on Membrane Technologies in Water and Waste Water Treatment*, 2-4 June 2008, Moscow, pp 483-486.
9. Dalmacija B., **Agbaba J.**, Rončević S. (2007) Development of Arsenic Removal Methods from Ground Water Containing Natural Organic Matter, *Book of Abstracts "InterRegioSci 2007" - The Second Scientific-technical meeting*, Provincial Secretariat for science and technological development, the AP of Vojvodina, 21. May 2007, Novi Sad.
10. Dalmacija B., **Agbaba J.**, Rončević S. (2008) Enhancing Methods for the Removal of Arsenic from Ground Water Containing Natural Organic Matter at a Pilot Plant, *Book of Abstracts "InterRegioSci 2008" - The Third Scientific-technical meeting*, Provincial Secretariat for science and technological development, the AP of Vojvodina, April 2008, Novi Sad.