

Curriculum vitae

Family Name: Ivančev-Tumbas
First Name: Ivana
Date and place of birth: February, 18, 1971 Stanišić, Serbia
Civil status: Married, one child
Education:

Institution: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department, average grade 9,81 (out of ten)
Date: October 14, 1993
Degree: Bachelor's Degree

Institution: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department
Date: March 6, 1996
Degree: Master of Science

Institution: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department
Date: December 23, 1998
Degree: PhD

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

<i>Language.</i>	<i>Speaking</i>	<i>Writing</i>	<i>Reading</i>
Serbian	native	native	native
English	4	4	5
German	2	2	2

Years with the Firm: 16 years

Key qualifications: Water Quality/Drinking water treatment processes/Organic xenobiotics

11. Professional experience record:

Date: December 2008-

Location: Novi Sad, Serbia
Company: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department
Position: Full Professor in the field of Environmental protection

Date: March 2004 – December 2008

Location: Novi Sad, Serbia and Montenegro
Company: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department
Position: Associate Professor
Description: Environmental Protection Course for students of Chemistry and Toxicological Chemistry for students of Ecology at the Faculty of Sciences and Mathematics

Date: May 1999 - March 2004

Location: Novi Sad, Serbia and Montenegro
Company: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department
Position: Assistant Professor
Description: Environmental Protection Course for students of Chemistry and Toxicological Chemistry

for students of Ecology at the Faculty of Sciences and Mathematics

Date: November 1996-May 1999

Location: Novi Sad, Serbia and Montenegro

Company: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department

Position: Research and Teaching Assistant

Description: Environmental chemistry course and Chemical Technology course

Date: October 1993-November 1996

Location: Novi Sad, Serbia and Montenegro

Company: University of Novi Sad, Faculty of Science and Mathematics, Chemistry Department

Position: Assistant candidate

Description: Chemical bonding and molecular structure course, Chemical Technology and Environmental Protection

12. Additional information:

April 2004-
October 2009 Vicedean for International Cooperation, Science and Development at the Faculty of Sciences and Mathematics. Duty starts on 1st October 2004.

April 2004 Was awarded by Executive Council of Vojvodina with Dr Zoran Djindjic Prize for young academic achievement in natural sciences.

April 2005-
March 2006 Humboldt Fellowship at Duisburg Essen University, Germany "Removal of some EDCs and PhAC from drinking water by adsorption on activated carbon and by the combination of adsorption and membrane filtration"

January 2006-
March 2009 MC representative of Serbia in COST 636 Action "Xenobiotics in urban Water cycle"

March 2008 Member of PC Committee "Research potential and Regions of knowledge" in FP7 programm

June 2009 Member of Editorial team of Water Science and Technology

Member of Serbian Society for Water Protection, Serbian Chemical Society, Society for water technology and sanitary engineering, Corporate Membership IWA, DWA, individual member of German Chemical Society (Wasserchemische Gesellschaft).

Since 1998 has had referee's activity for leading international journals (e.g. Water Research, Aqua etc). Author and coauthor of 112 publications (first author in 44 publications), 13 papers in international journals and project participant in numerous scientific and applied research oriented projects.

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, RTD project for INCO-COPERNICUS-Balkans A2 (project started at 2003), 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. Project JUGOLEX –Development of Environmental legislation in Serbia and Montenegro, Finconsult Oy, Project 7070, ELVs: Water, Project leader Dr Slavko Bogdanovic

10 most important references in peer reviewed journals:

1. **Ivančev-Tumbas I.**, Dalmacija B., Tamaš Z., Karlović E., Reuse of biologically regenerated activated carbon for phenol removal, *Water Research*, 32, (4), (1998), 1085-1094.
2. **Ivančev-Tumbas I.**, Dalmacija B., Tamaš Z., Karlović E., The effect of different drinking water treatment processes on the rate of chloroform formation in the reactions of natural organic matter with hypochlorite, *Water Research*, 33, (18), (1999), 3715-3722.
3. **Ivančev-Tumbas I.** and Dalmacija B. Effects of Coagulation processes on aldehydes formation in groundwater treated with common oxidative agents, *Water Research* 35 (16) (2001) 3950-3958.
4. Dalmacija B., **Ivančev-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).
5. Agbaba J., **Ivančev-Tumbas I.**, Dalmacija B., Klačnja M. (2004): Formation of byproducts in the course of intermediate ozonation of groundwater pretreated by ozone and polyaluminium. *Water Science and Technology* 49(4), 63-68
6. **Ivančev-Tumbas I.**, Tričković, J., Karlović, E., Tamaš, Z., Rončević, S., Dalmacija, B., Petrović, O., Klačnja, M. (2004) GC/MS-SCAN to follow the fate of crude oil components in bioreactors set to remediate contaminated soil, *International Biodeterioration & Biodegradation*, 54 (4), pp 311-318.
7. Rončević, S., Dalmacija, B., **Ivančev-Tumbas, I.**, Tričković, J., Petrović, O., Klačnja, 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
8. Dalmacija, B., Prica, M., **Ivančev-Tumbas, I.**, van der Kooij, A., Roncevic, S., Krcmar, D., Bikit, I., Teodorovic, I. (2006) Pollution of the Begej Canal sediment – metals, radioactivity and toxicity assessment, *Environ. Int.*, 32, pp 606-615.
9. **Ivančev-Tumbas I.**, Maljevic E., Tamas Z., Karlovic E., Dalmacija B. (2007) Organic micropollutants in the assessment of groundwater quality, *Water Science and Technology: Water Supply* 7: 3, 155-162.
10. **Ivančev-Tumbas I.**, Hobby R., Kuchle B., Panglisch S., Gimbel R. (2008) "P-nitrophenol removal by combination of powdered activated carbon adsorption and ultrafiltration - comparison of different operational modes", *Water Research*, prihvaćen za publikovanje, *Water Research* 42 (15), 4117-4124.

Relevant books and chapter in the books

1. **Ivančev-Tumbas, I.**, Hobby, R., Panglisch, S., Sustrath, M., Kreckel B., Gimbel R. (2007) Removal of p-nitrophenol by different types of ultrafiltration and Powdered activated carbon Adsorption, in *Chemical Water and wastewater treatment IX* (Eds. Hahn H., Hoffmann E., Ødegard H.), IWA Publishing, 353-361, ISBN: 1-84339-145-7.
2. **Ivančev-Tumbas Ivana** (2009) Organic xenobiotics in drinking water treatment, Faculty of Sciences, University of Novi Sad ISBN 978-86-7031-176-3 (Monograph in Serbian language)