

## Curriculum vitae

Expert assigned to SP1, SP4  
Family Name: Dalmacija  
First Name: Božo  
Date and place of birth: 09.10.1951. Čestereg, R. Serbia  
Civil status: Married  
Education:

*Institution:* University of Novi Sad, Faculty of Sciences  
*Date:* 1984  
*Degree:* PhD

*Institution:* University of Novi Sad, Faculty of Sciences  
*Date:* 1981  
*Degree:* MSc

*Institution:* University of Belgrade, Faculty of Science and Mathematics  
*Date:* 1975  
*Degree:* BSc

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

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

Years with the Firm: University of Novi Sad, Faculty of Sciences – 31 years

Key qualifications: Scientific works in the field of environmental protection. Monitoring of aquatic ecosystem (surface water, groundwater, sediment), water and sediment analysis, environmental risk assessment, chemistry and environmental engineering, especially water technology (both drinking water and wastewater treatment). Good knowledge of EU and national environmental legislation (WFD, REACH, IPPC, EIA, SEA), experience in introduction of EU WFD and IPPC to Serbia.

### 11. Professional experience record:

Date: 1996 -

*Location:* Novi Sad, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences  
*Position:* Full professor  
*Description:* Lecturer of Water protection, Drinking Water Quality Control, Environmental Monitoring, Sediment quality, Eco-engineering, Chemical technology, Non-waste technology

Date: 1992-1996.

*Location:* Novi Sad, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences  
*Position:* Associate professor  
*Description:* Chemical technology, Environmental protection

Date: 1986-1992

*Location:* Novi Sad, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences  
*Position:* Assistant professor  
*Description:* Chemical technology, Environmental protection

Date: 1979-1986

*Location:* Belgrade, R. Serbia  
*Company:* University of Novi Sad, Faculty of Sciences

*Position:* Teaching assistant  
*Description:* Tutorials and practicals in Chemical Technology, Environmental protection and Water protection

12. Additional information:

Member of: IWA – International Water Association, IAD - International Association for Danube Research, YUWAL – Yugoslav Association for Water Law, Yugoslav Society for Water Protection, Serbian Chemical Society, Association for Water Technology and Sanitary Engineering

## Professional experience

### List of selected projects:

1. 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 (Fraunhofer-Gesellschaft Germany, University of Oxford UK, Clausthaler Umwelttechnik-Institut GmbH Germany) (FP6 Programme), 2007- 2009. Project leader prof dr **Božo Dalmacija**
2. Development of quality control systems and improvement of water protection processes (ON142058), Faculty of Science Novi Sad. Financier: Ministry of Science, 2006-2010. Project leader prof dr **Božo Dalmacija**
3. Monitoring of wastewater of polluters who discharge untreated wastewater in urban sewage system, up-grade data base in order with action plan for pollution decrease and up-grade data base of other polluters in Vojvodina region, Faculty of Science Novi Sad. Financier: PWC "Waters of Vojvodina", 2007 Project leader prof dr **Božo Dalmacija**
4. Analysis of the content and characteristics of wastewater from sewage discharge and from important industrial and public users of CWWTP, Faculty of Science Novi Sad, 2006-2007. Project leader prof dr **Božo Dalmacija**
5. Analysis of quantities and characteristics of waste waters with the catastrophe 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 **Božo Dalmacija**
6. 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) (FP5 Programme), national project leader prof dr **Božo Dalmacija**
7. 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 **Božo Dalmacija**
8. Feasibility Study for Repair and rehabilitation of the Begej Canal (2003) in cooperation with Province Ministry for Environmental protection and Sustainable Development and DHV Holland, Project leader prof dr **Božo Dalmacija**
9. 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 **Božo Dalmacija**
10. Project of an information system aiming to protect and improve the environment in Novi Sad, Phase I and II, Faculty of Science, Novi Sad, 2002, Project leader prof dr **Božo Dalmacija**
11. 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 **Božo Dalmacija**
12. Urgent water supply source monitoring "Ratno ostrvo", *Faculty of Natural Sciences and Mathematics-Institute of chemistry*, Novi Sad, 1999. prof dr **Božo Dalmacija**
13. 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 **Božo Dalmacija**
14. 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 **Božo Dalmacija**
15. 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 **Božo Dalmacija**

#### 10 most important references in peer reviewed journals:

1. **Dalmacija B.**, Mišković D., Živanov Ž., Petrović O. (1986) Combined microbiological and advanced treatment of oil refinery and municipal wastewaters, *Wat. Sci., Tech.*, 18, 137-146.
2. **Dalmacija B.**, Hain Z., Petrović O., Mišković D. (1988) Organic matter removal from surface river waters by means of a biosorption system and the effect of phenol on its functioning, *Environment Protection Engineering*, 14, (2), 5-16.
3. Gantar M., Obreht Z., **Dalmacija B.** (1991) Nutrient Removal and Algal Succession during the Growth of *Spirulina platensis* and *Scenedesmus quadricauda* on Swine Wastewater, *Bioresource Technology*, 36, 167-171.
4. **Dalmacija B.**, Karlović E., Tamaš Z., Mišković D. (1996) Purification of High-salinity wastewaters by activated sludge procedure, *Water Research*, 30, (2), 295-298.
5. **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.
6. **Dalmacija B.**, Prica, M., Ivancev-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.
7. 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.
8. Tričković J., Ivančev-Tumbas I., **Dalmacija B.**, Nikolić A., Trifunović S. (2007) Pentachlorobenzene sorbtion onto sediment organic matter, *Organic Geochemistry* 38/10, 1757-1769.
9. Prica, M., **Dalmacija B.**, Roncevic, S., Krcmar, D., Becelic, M. (2008) A comparison of sediment quality results with acid volatile sulfide (AVS) and simultaneously extracted metals (SEM) ratio in Vojvodina (Serbia) sediments, *Science of the Total Environment*, 389 (2-3), 235-244.
10. Mišković D., Čonkić Lj., **Dalmacija B.**, Gantar M. (1992) Removal of some radionuclides from water by bioaccumulation, *Wat. Sci. Tech.*, 26, (9-11), 2129-2132.

#### Relevant books and chapter in the books

1. **Dalmacija B.**, Čukić Z., Tamaš Z., Karlović E., Ivančev-Tumbas I. (1997) The Amount Composition and Degree of Purification of Wastewaters in Yugoslav Part of Banat Region, *Geographic Monographs of European Regions - Banat*, University of Novi Sad - West University of Timisoara - Jozsef Attila University, Novi Sad - Timisoara - Szeged, pp. 56-63.
2. Mišković D., Karlović E., **Dalmacija B.** (1991) A comparison of modelling of metal precipitate flotation in the presence and absence of collector, *Chapter 13 in Developments in Environmental Modelling, Modelling in Environmental Chemistry* (Edited by S.E.Jorgensen), Elsevier, Amsterdam-London-New York-Tokyo, pp 427- 451.
3. **Dalmacija B.**, Bečelić M., Jovanović D., Teodorović I. (2005), Analysis of Legislation of Republic of Serbia relevant for the implementation of emission limits for water, in compliance with the EU, *Water emission limits (ed. Bogdanović S. and Dalmacija B.) Project JUGOLEX Development processes in environmental protection in Serbia and Montenegro*, Novi Sad.