

## Curriculum vitae



### Personal information

First name(s) / Surname(s)	<b>Ivana Teodorović</b>	
Affiliation	University of Novi Sad, Faculty of Sciences, Department of Biology and Ecology, LECOTOX – Laboratory for Ecotoxicology	
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Nationality(-ies)	Serbian	
Date of birth	03/05/1971	
Civil status	Single, one child (daughter, 12 years old)	

### Education and training

2000-2003	PhD in Environmental Engineering, University of Novi Sad, Association of Centres for Interdisciplinary Research (ACIMSI)
PhD Thesis	Toxicity testing in effluent and ambient water quality monitoring, defended April 2003
1996-1999	MSc in Environmental Engineering; University of Novi Sad, TEMPUS Centre for Interdisciplinary Research
MSc Thesis	Fish community as an environmental bioindicator of metal pollution: introduction of freshwater classification based on fish tissue metal content monitoring, defended July 1999
1989-1994	BSc in Biology, University of Novi Sad Faculty of Sciences Institute of Biology
BSc thesis	Effect of PCBs on androgen production by suspension of adult rat Leydig cells <i>in vitro</i> , defended July 1994

### Employment record

Current status	Since April 2016 (permanent position)
Position held	Full Professor (Environmental Sciences), Head of LECOTOX
Name and address of employer	University of Novi Sad Faculty of Sciences, Dept. of Biology and Ecology, Trg Dositeja Obradovica 2, 21000 Novi Sad, Serbia
Dates	2008-2016
Occupation or position held	Associate Professor (Environmental Sciences)
Name and address of employer	University of Novi Sad Faculty of Sciences, 2, Trg Dositeja Obradovica, 21000 Novi Sad, Serbia

**Research Interest:** Ecotoxicology, Aquatic toxicology, Ecological Risk Assessment, Aquatic ecology, conservation and restoration, Water quality

## Work experience

### Research project

Oct 2013-Oct 2018 ongoing	Project: SOLUTIONS for present and future emerging pollutants in land and water resources management (acronym SOLUTIONS) European Commission Work Programme 2013, COOPERATION - THEME 6 - ENVIRONMENT ENV.2013.6.2-2 Toxicants, environmental pollutants and land and water resources management, No. 603437. Coordinator dr Werner Brack, UFZ, Leipzig, Germany. Position Senior researcher, UNSPMF Team Leader
Jan 2011 – ongoing	Project: Endocrine disrupting compounds: reproductive, metabolic, and developmental responses and mechanism(s) of action in selected model organisms and cell lines. University of Novi Sad Faculty of Sciences, Serbia. Project co-ordinator: Prof. Dr. Radmila Kovacevic (Grant No. 173037, Funded by Ministry of Education and Science, Republic of Serbia. Position: Senior Researcher
Jan 2011 – ongoing	Project: Water matrix and physico-chemical properties of relevant organic xenobiotics: implications on ecotoxicity and water treatment processes, University of Novi Sad Faculty of Sciences, Serbia. Project co-ordinator: Prof. Dr. Ivana Ivancev Tumbas (Grant No. 172028, Funded by Ministry of Education and Science, Republic of Serbia). Position: Senior Researcher
Jan 2010-Dec 2012	Project: Establishing and developing of an ecotoxicological platform I Serbia and Croatia: a focus on zebrafish ( <i>Danio rerio</i> ). Joint research project of University of Applied Sciences (FHNW), Muttensz, Switzerland, Institute Rudjer Boskovic, Zagreb, Croatia and University of Novi Sad Faculty of Sciences, Serbia. Funded by Swiss National Scientific Foundation (SNF) under SCOPES 2008-2012 programme. Project co-ordinator: Prof. Dr. Karl Fent; Position: Researcher
Nov 2009-Nov 2010	Project: Introduction and development of fish ecotoxicity tests recommended by REACH Regulation Annex C. University of Novi Sad Faculty of Sciences, Serbia. Funded by Provincial Secretariat for Science and Technological Development of Autonomous Province of Vojvodina, Serbia. Project co-ordinator: Prof. Dr. Radmila Kovacevic; Position: Researcher
June 2009-May 2010	Neighbouring Programme Romania- Serbia: Eco-status of the River Tamiš, Tender No 06SER02/03/007-8, Contractor City of Pančevo, Funded by EU IPA; Position: Coordinator
Jan 2006- Dec 2010	Project: Endocrine disruption chemicals—effects on reproductive and thyroid function, environmental assessment by bioanalyses (Grant No. 143058, Ministry of Science and Environmental Protection, Republic of Serbia) Project co-ordinator: Prof. Dr. Radmila Kovacevic; Position: Researcher
Jan 2007-Dec 2009	Project: Reinforcement of research potential of the laboratory for ecotoxicology (REP-LECOTOX) – INCO-CT-2006-043559-REP-LECOTOX; funded by EU FP 6, Project co-ordinator: Prof. Dr. Radmila Kovacevic; position: Senior Researcher and member of Management Committee;

### Teaching

Since April 2016 -	Full Professor (Environmental Sciences)
July 2008- April 2016	Associate Professor (Environmental Sciences)
Courses	Ecotoxicology; Aquatic Toxicology; Environmental Monitoring and Biomonitoring; Aquatic Conservation and Restoration; Ecological Projects; Ecological Monitoring
Dec 2003- July 2008	Assistant Professor (Environmental Sciences)
Courses:	Courses: Ecotoxicology; Aquatic Toxicology; Environmental Monitoring and Biomonitoring; Aquatic Conservation and Restoration

### Services for regulatory bodies

July 2015-July 2018	EFSA (European Food Safety Authority) Parma, Italy. Member of PPR (Plant Protection Products and their Residues) Panel Member, Chairperson of WG TKTD modelling in aquatic ERA of pesticides
Jan 2014 – Jan 2017	Chairperson of Advisory Council in National Authority for Plant Protection Products registration; Republic of Serbia, Ministry of Agriculture, Forestry and Water Management
Jan 2010 – Feb 2014	Member of the Advisory Council in National Authority for Plant Protection Products registration; Republic of Serbia, Ministry of Agriculture, Forestry and Water Management
Since June 2010	Member of the Advisory Council in National Authority for Biocidal Products registration, Republic of Serbia, Ministry of Environment and Spatial Planning, Chemical Agency
June 2009 – Oct 2009	Consultant, Project "Chemicals Risk Management in Serbia", Revision of Translated Text of Annex to Council Regulation (EC) No 440/2008 Laying Down Test Methods Pursuant to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) – Part C; Republic of Serbia, Ministry of Environment and Spatial Planning

## Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level <sup>(\*)</sup>

### Serbian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

### English

Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
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<sup>(\*)</sup> Common European Framework of Reference (CEF) level

## International associations and networks

2005-2010: President of IAD - International Association for Danube Research (observer in ICPDR);

[www.iad.gs](http://www.iad.gs)

2011-2016: Vice President of IAD - International Association for Danube Research (observer in ICPDR); [www.iad.gs](http://www.iad.gs)

2010 – 2016 Member of Steering Group of SedNet (European Sediment Network); [www.sednet.org](http://www.sednet.org)

2010- 2013 Vice president of SETAC EUROPE CEE Branch, [www.setac.org](http://www.setac.org)

2006-2008 Participant in COST Action 636 – Xenobiotics in Urban Water Cycle (coordinated by Prof. Ana Ledin)

Participant in two international ring tests: 1. *Myriophyllum* sp. (*M. aquaticum* & *M. spicatum*) growth inhibition test in water - sediment system (OECD draft standard for testing on chemicals, organized by BASF Chemical Company, Germany) 2. Sediment contact test with *Myriophyllum aquaticum* in water - free system (ISO draft standard for sediment toxicity assessment, Organized by Bfg Germany)

## Editorial work, reviewing, external evaluation

Project evaluator for EU Commission Maria Skłodowska Curie Actions (2016, 2016), Slovenian Research Agency (2013), FORMAS (Sweden) (2013-ongoing), EXIT foundation (Serbia) (2014)

Editor: Water Science & Technology, Water Science & Technology – Water Supply

Section & Guest Editor: River Systems: Integrating landscape, catchment perspectives, ecology, management

Member of Editorial Board: Environmental Science Europe

Reviewer for: Water Research, Water Science and Technology, Chemosphere, Ecotoxicology, Central European Journal of Biology, Polish Journal of Environmental Sciences, Environmental Science Europe, River Systems (formerly Large Rivers), ...

## Additional information

Participated (as invited speaker, participant with oral/poster presentations or round table discussion participants) at more than 50 international scientific meetings

Organized 3 international conferences and 3 international workshops

Coordinator / participant 5 small NGO run environmental projects (various funding sources)

## Selected References:

- König M, Escher B, Neale P, Krauss M, Hilscherová K, Novák J, **Teodorović I**, Schulze T, Seidensticker S, Hashmi MAK, Ahlheim J, Brack W (2017) Impact of untreated wastewater on a major European river evaluated with a combination of *in vitro* bioassays and chemical analysis. **Environmental Pollution**, 220, B, 1220-1230
- Knežević V, Tunić T, Gajić P, Marjan P, Savić D, Tenji D, **Teodorović I** (2016) Getting More Ecologically Relevant Information from Laboratory Tests: Recovery of *Lemna minor* After Exposure to Herbicides and Their Mixtures. **Archives of Environmental Contamination and Toxicology** 71(4), 572-588
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- Altenburger R, Ait-Aissac S, Antczak P, Backhaus T, Barceló D, Seiler TB, Brion F, Busch W, Chipman K, López de Alda M, de Aragão Umbuzeiro G, Escher BI, Falciani F, Faust M, Focks A, Hilscherova K, Hollender J, Hollert H, Jäger F, Jahnke A, Kortenkamp A, Krauss M, Lemkine GF, Munthe J, Neumann S, Schymanski E, Scrimshaw M, Segner H, Slobodnik J, Smedes F, Subramaniam K, **Teodorovic I**, Tindall AJ, Tollefsen KE, Walz KH, Williams TD, Van den Brink PJ, van Gils J, Vrana B, Zhangy X, Brack W. (2015) Future water quality monitoring – Adapting tools to deal with mixtures of pollutants in water resource management. **Science of the Total Environment** 512–513, 540–551
- Brack W, Altenburger R, Schüürmann G, Krauss M, López Herráez D, van Gils J, Slobodnik J, Munthe J, Gawlik BM, van Wezel A, Schriks M, Hollender J, Tollefsen KE, Mekenyan O, Dimitrov S, Bunke D, Cousins I, Posthuma L, van den Brink PJ, López de Alda M, Barceló D, Faust M, Kortenkamp A, Scrimshaw M, Ignatova S, Engelen G, Massmann G, Lemkine G, **Teodorovic I**, Walz KH, Dulio V, Jonker MTO, Jäger F, Chipman K, Falciani F, Liska I, Rooke D, Zhang X, Hollert H, Vrana B, Hilscherova K, Kramer K, Neumann S, Hammerbacher R, Backhaus T, Mack J, Segner H, Escher B, de Aragão Umbuzeiro G. (2015) SOLUTIONS for present and future emerging pollutants in land and water resources management. **Science of the Total Environment**, 503-504, 22-31.
- Tunić T, Knežević V, Kerkez Đ, Tubić A, Šunjka D, Lazić S, Brkić D, **Teodorović I**. (2015) Some arguments in favour of *Myriophyllum aquaticum* growth inhibition test in water – sediment system as an additional test in risk assessment of herbicides. **Environmental Toxicology and Chemistry** 34(9), 2104–2115
- Brkić D, Szakonyne-Pasics I, Gašić S, **Teodorović I**, Rašković B, Brkić N, Nešković N. (2015) Subacute and subchronic toxicity of Avalon® mixture (bentazone+dicamba) to rats. **Environmental Toxicology and Pharmacology** 39, 1057-1066.
- Kaisarevic S, Dakic V, Hrubik J, Glisic B, Lübcke-von Varel U, Pogrmic-Majkic K, Fa S, **Teodorovic I**, Brack W, Kovacevic R (2015). Differential expression of CYP1A1 and CYP1A2 genes in H4IIE rat hepatoma cell line: A possible biomarker for discrimination between PCDD and PAH contamination **Environmental Toxicology and Pharmacology** 39, 358-368
- Feiler U, Ratte M, Arts G, Bazin C, Brauer F, Casado C, Dören L, Eklund B, Gilberg D, Grote M, Gonsior G, Hafner C, Kopf W, Lemnitzer B, Liedtke A, Matthias U, Okos E, Pandard P, Scheerbaum D, Schmitt-Jansen M, Stewart K, **Teodorovic I**, Wenzel A, Pluta HJ. (2014) Inter-laboratory trial of a standardized sediment contact test with the aquatic plant *Myriophyllum aquaticum* (ISO 16191) **Environmental Toxicology and Chemistry** 33, (3), 662–670
- Teodorovic I**, Knezevic V, Tunic T, Cucak M, Nikolic Lecic J, Leovac A, Ivancev Tumbas I (2012). *Myriophyllum aquaticum* vs. *Lemna minor*: sensitivity and recovery potential after exposure to atrazine. **Environmental Toxicology and Chemistry** 31(2), 417-426
- Radulovic, S., Laketic, D, **Teodorovic, I.** (2011): A botanical classification of standing waters in Serbia and its application to conservation. **Aquatic Conservation: Marine and Freshwater Ecosystems**. 21(6): 510–527.
- Planojevic, I., **Teodorovic, I.**, Bartova, K., Jurca, T., Tubic, A., Machat, J., Kopf, W., Blaha, L. Kovacevic, R (2011): Wastewater canal Vojlovica, industrial complex Pancevo, Serbia – preliminary ecotoxicological assessment of contaminated sediments. **Journal of Serbian Chemical Society** 76:459-478
- Teodorovic I**, Kaisarevic S, Planojevic I, Fa S, Dakic V, Pogrmic S, Glisic B, Hrubik J, Kovacevic R. (2011): The Second REP LECOTOX Workshop Trends in Ecological Risk Assessment. **Environmental Science Europe** 23:6 doi:10.1186/2190-4715-23-6
- Teodorović I**, Kaišarević S, Pogrmic – Majkić K, Planojević I, Fa S, Dakić V, Hrubik J, Glišić B, Kovačević R. (2011): REP LECOTOX: An example of FP 6 INCO project to strengthen ecotoxicological research in WBC (Western Balkan Countries). **Environmental Science Europe**. 23:5 doi:10.1186/2190-4715-23-5
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- Kaisarevic S, Lübcke-von Varel U, Orcic D, Streck G, Schulze T, Pogrmic K, **Teodorovic I**, Brack W, Kovacevic R. (2009): Effect-directed analysis of contaminated sediment from the wastewater canal in Pancevo industrial area, Serbia. **Chemosphere** 77(7), 883-1034.
- Teodorovic I**. (2009): Ecotoxicological research and related legislation in Serbia. **Environmental Science and Pollution Research** 16 (Suppl 1):S123–S129
- Kovacevic R, **Teodorovic I**, Kaisarevic S, Planojevic I., Fa S, Dakic V, Pogrmic K, Virijevic S. (2009): First REP-LECOTOX Workshop—ecotoxicogenomics: the challenge of integrating genomics/proteomics/metabolomics into aquatic and terrestrial ecotoxicology. **Environmental Science and Pollution Research** 16 (Suppl 1):S130–S131.
- Teodorovic I**, Becelic M., Planojevic I., Ivancev-Tumbas I., Dalmacija B. (2009): The relationship between whole effluent toxicity (WET) and chemical-based effluent quality assessment in Vojvodina (Serbia) **Environmental Monitoring and Assessment**. 158, 381-392.