



NEW EMERGENCY APPROACH TO THE IDENTIFICATION OF TARGETED COMPOUNDS IN
ENVIRONMENTAL ISSUES

University of Novi Sad, Faculty of Technology Novi Sad

8 June 2015

- 10.30-10.45 Registration
- 10.45-11.00 **Welcome speech**, Prof. Dr. Biljana Škrbić, Head of the Center of Excellence in Food Safety and Emerging Risks (CEFSEK) and Laboratory for Chemical Contaminants and Sustainable Development, University of Novi Sad, Faculty of Technology, Serbia
- 11.00-12.00 **Introduction of Japanese culture and landscape**, Prof. Dr. Kiwao Kadokami, University of Kitakyushu, Faculty of Environmental Engineering, Japan
- 12.00-12.45 **Development of AIQS-DB, comprehensive analysis and their application to environmental media**
Kiwao Kadokami
University of Kitakyushu, Faculty of Environmental Engineering, Japan
- 12.45-15.00 Lunch break
- 15.00-15.15 **Occurrence and distribution of multi-class pharmaceuticals in water samples collected from Serbia**
Biljana Škrbić¹, Mira Petrović², Jelena Živančev¹
¹University of Novi Sad, Faculty of Technology Novi Sad, Center of Excellence in Food Safety and Emerging Risks (CEFSEK), Serbia
²Institut Català de Recerca de l'Aigua, Girona, Spain
- 15.15-15.30 Coffee break
- 15.30-15.45 **Potential risks and sources of PAHs and PCBs in urban soil**
Biljana Škrbić, Đorđe Tadić, Jelena Cvejanov
University of Novi Sad, Faculty of Technology Novi Sad, Laboratory for Chemical Contaminants and Sustainable Development, Serbia
- 15.45- 16.00 **Occurrence of phthalic acid esters in the environmental matrices**
Yaqin Ji ¹, Biljana Škrbić², Nataša Đurišić-Mladenović²
¹Nankai University, College of Environmental Science and Engineering, China
²University of Novi Sad, Faculty of Technology Novi Sad, Laboratory for Chemical Contaminants and Sustainable Development, Serbia
- 16.00-16.15 **Occurrence of polar pesticides, polycyclic aromatic hydrocarbons and selected emerging pollutants in the dissolved water phase of the Danube River**
Biljana Škrbić¹, Kiwao Kadokami², Igor Antić¹, Đorđe Tadić¹, Csaba Vágvolgyi³
¹ University of Novi Sad, Faculty of Technology Novi Sad, Laboratory for Chemical Contaminants and Sustainable Development, Serbia
²University of Kitakyushu, Faculty of Environmental Engineering, Japan
³ University of Szeged, Faculty of Science and Informatics, Hungary



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- 16.15-16.30 **Semivolatile and polar organic contaminants in river waters and sediments of the Vojvodina Province**
Kiwao Kadokami¹, Biljana Škrbić², Igor Antić², Nataša Đurišić-Mladenović², Nevenka Nikolić³
¹ University of Kitakyushu, Faculty of Environmental Engineering, Japan,
²University of Novi Sad, Faculty of Technology Novi Sad, Laboratory for Chemical Contaminants and Sustainable Development, Serbia
³Public Water Management Company, "Vode Vojvodine" Novi Sad, Serbia
- 16.30-16.45 **A multi-analyte UHPLC-MS/MS method for analysis of 11 principal mycotoxins in different food matrices**
Biljana Škrbić, Jelena Živančev, Igor Antić
University of Novi Sad, Faculty of Technology Novi Sad, Center of Excellence in Food Safety and Emerging Risks (CEFSEK), Serbia
- 16.45-17.00 **Risk assessment of Serbian and Chinese population exposure to phthalate esters and heavy elements through rice consumption**
Yaqin Ji¹, Biljana Škrbić², Nataša Mrmoš², Jelena Cvejanov²
¹Nankai University, College of Environmental Science and Engineering, China
²University of Novi Sad, Faculty of Technology Novi Sad, Laboratory for Chemical Contaminants and Sustainable Development, Serbia
- 17.00-17.15 **Development of a simultaneous pressurised-liquid extraction and in-cell clean-up procedure for the determination of PAHs and PCBs in soil samples**
Biljana Škrbić¹, Vesna Marinković², Nataša Đurišić-Mladenović¹, Igor Antić¹, Đorđe Tadić¹, Nataša Mrmoš¹
¹ University of Novi Sad, Faculty of Technology Novi Sad, Laboratory for Chemical Contaminants and Sustainable Development, Serbia
²Higher education technical school of professional studies, University of Novi Sad, Serbia
- 17.15-17.30 **Financial sustainability of European funded contracts: case study of FP7 CEFSEK, IPA LACREMED and IPA BIOXEN**
Radmila Lukić, Biljana Škrbić
University of Novi Sad, Faculty of Technology Novi Sad, Serbia