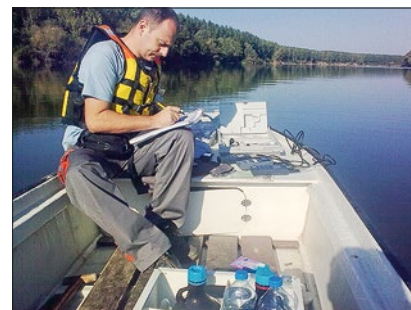


Environmental Protection Research Group

environmental chemistry, environmental monitoring, water treatment, contaminated sites remediation, risk assessment

The Environmental Protection Research Group (EPRG) has more than 40 years of experience in the field of environmental science and technology with expertise in environmental monitoring, environmental chemistry (transport processes and physical-chemical interactions of organic and inorganic contaminants and microplastic), remediation technologies (solidification/stabilization, electrokinetic remediation, bioremediation, phytoremediation), wastewater treatment technologies, drinking water treatment technologies (e.g. arsenic and NOM removal), risk assessment (water-sediment systems, contaminated sites, bioavailability of organic pollutants) and eco-management (introduction of EU WFD and IPPC Directives to Serbia). The research group has participated in more than 100 scientific and professional projects - more than 30 national and international projects and 80 projects for the needs of industry. In addition to its educational and scientific activities, EPRG also carries out routine analysis of environmental samples in the accredited Laboratory for environmental chemical analysis "Dr Milena Dalmacija" according to ISO 17025.



SELECTED EQUIPMENT

- GC/MSD (Agilent technologies 7890A/MSD 5975C);
- GC/ μ ECD/FID (Agilent technologies 6890N);
- ICP-MS/HPLC (Agilent Technologies 7700 Series, HPLC Agilent Technologies 1260 Infinity);
- IC (ICS 3000 Dionex); Accelerated solvent extractor (Thermo Scientific Dionex ASE 350).

COLLABORATIONS

- University of Szeged, Hungary
- IWA – International Water Association
- Fraunhofer-Gesellschaft, Germany
- Water management companies ("Vode Vojvodine") and water supply companies (waterworks in Belgrade, Novi Sad etc.)



SELECTED PROJECTS

Title: CECRA - 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; FP6 project.

Type: international project

Duration: 2007-2009

Contact person:

Prof. Dr Božo Dalmacija

Title: MATCROSS - Development of new materials for application in environmentally friendly technologies for the cost-effective remediation of contaminated sites threatening cross-border regions; Hungary-Serbia IPA Cross border Co-operation Programme, Project No.: HUSRB/1002/214/188.

Type: international project

Duration: 2011-2013

Contact person:

Prof. Dr Srđan Rončević

Title: ARSENICPLATFORM - Arsenic and ammonium in drinking water: implementation of a cross-border platform for safe water; Hungary-Serbia IPA Cross border Co-operation Programme, Project No.: HUSRB/1002/121/075;

Type: international project

Duration: 2011-2013

Contact person:

Prof. Dr Jasmina Agbaba

CONTACT PERSON

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