

COOPERATION OPPORTUNITIES IN RESEARCH ACTIVITIES

Faculty of Chemistry	Research group	Research directions	Research resources
<p align="center">LAICA LABORATORY OF INSTRUMENTAL ANALYSIS AND ANALYTICAL CHEMISTRY</p> <p align="center">Blvd. Carol I, 11 RO - 700506 Iași Tel.: +40 232 201354 Fax: +40 232 201313 Email: laica.analizemediu@gmail.com http://laica.analizemediu.goo.gl/pages.com</p>	<p>Lecturer Dr. Cecilia ARSENE Email: carsene@uaic.ro</p> <p>Assoc. Prof. Dr. Romeo-Iulian OLARIU Email: oromeo@uaic.ro</p> <p>Lecturer Dr. Simona-Maria CUCU-MAN Email: sman@uaic.ro</p> <p>Assistant Dr. Alin-Constantin DÎRȚU</p>	<p>Impact of volatile and persistent organic pollutants, as well as heavy metals on the environment; Air pollution and impact of VOCs over tropospheric oxidating species; Environmental analytical chemistry; Instrumental techniques for identification and quantitative determination of specific analytes from various natural matrices; Global bio-geochemical cycles; Atmospheric physico-chemistry; Gas phase kinetics.</p> <p>The Laboratory is in the process of becoming accredited by the Romanian Accreditation Association, according to the Romanian standard ISO 17025/2005.</p> <p>The aim of this process is to certify the analysis: determination of heavy metals (Ni, Cu, Zn, Pb, Cd, Fe, Mn) and persistent organic pollutants (PCBs, Lindan, p,p'-DDT) in surface waters, groundwaters and wastewaters.</p>	<p>Atomic absorption spectrometer Perkin Elmer 3300; Gas chromatograph GC-Konic 4000 with auto-sampler; Liquid phase chromatograph Agilent 1100; Spectrophotometer Cintra 10e; Tracelab 50; Ion 40 Radiometer Analytical; Ion-chromatograph DIONEX ICS 3000</p>
Faculty of Biology	Research group	Research directions	Research resources
<p align="center">ACVAPUR LABORATORY OF WATER QUALITY ASSESSMENT USING BIOINDICATORS</p> <p align="center">Blvd. Carol I, 11 RO - 700506 Iași Tel. +40 232 201667 Fax. + 40 232 201504 Email: aneagu@uaic.ro //biology.uaic.ro</p>	<p>Senior Consultant Prof. Dr. Ionel MIRON Email: mironi@uaic.ro Lecturer Dr. Anca-Narcisa NEAGU Email: aneagu@uaic.ro</p> <p>Research Assistant Dr. Carmen AONCIOAIE Research Assistant Mihai Georgel ERHAN</p> <p>Research Assistant Dr. Aliona NOVAC Email:</p> <p>Research Assistant Dr. Maria Magdalena Dascălu</p>	<p>Assesment of reservoirs water quality using the bioindicators: phytoplankton, chlorophyll a, zooplankton, macrozoobenthos and ichthyofauna</p> <p>Impact of intensive trout aquaculture on the water quality of reservoirs</p> <p>Ecomorfological studies on the poluosensitive structures of bioindicators</p>	<p>Reservoir research boat Multiparameter Water Quality Sonde YSI 6600V2-2 Scientific diving equipment Coltri Sub Spectrophotometer UV VIS Shimadzu 1700 LASER Confocal Scanning Microscope Leica DM 5500Q TCS SPE with DFC 290 camera Inverted microscope Nikon Eclipse TS 100 Leica Cryostat CM 1850 Leica Rotary Microtome RM 2265 Leica Automatic Tissue Processor TP 1020 Leica Autostainer XL (ST 5010) Embedding Station Leica EG 1150 Leica EM AMW – Automatic Microwave Tissue Processor for electron Microscopy EMS 850 Critical Point Drier; EMS 550X Sputter Coater</p>