

PNRR: Fonduri pentru România modernă și reformată!

MISSION 3 – RESTORE OUR WATERS AND OCEANS – between research and implementation

Programme

Rectorate, Șos. Panduri nr. 90, București

MONDAY, SEPTEMBER 22nd, 2025 – UNIVERSITY OF BUCHAREST

08.30 – 09.00 Registration

Chairpersons: Marius Matache (UB) and Vlad Chiriac (UVT)

09.00 – 10.00: Welcome from the University of Bucharest

Overview of PNRR Projects I10 & I5:

- Corina Bradu (UB): ReSPonSE – Cercetare integrată și soluții sustenabile pentru protecția și restaurarea ecosistemelor din bazinul inferior al Dunării – zona costieră a Mării Negre

- Virgil Băran (UB): SciResCareer – Centru Regional de Orientare și Consiliere în Cariera de Cercetător – București-Ilfov – de la educație preuniversitară la cercetare avansată

- Andreea Radu (UVT): CeCOCe – Centrul de consiliere și orientare în cariera de cercetător – regiunea de Vest

- Leonard Horvath (UBB): UBB-CORE – Centrul Regional Regional Nord-Vest de Orientare în Carieră al Cercetătorilor

10.00 – 11.00: Session I:

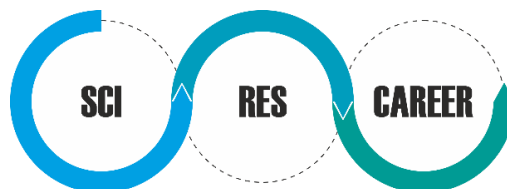
Heavy metal pollution of aquatic ecosystems – Carmen ROBA, Babeș-Bolyai University Cluj-Napoca (Keynote)

A comprehensive investigation of water and sediment physico-chemical quality on the Sulina Branch - Mădălina CĂLMUC, ”Dunărea de Jos” University of Galați

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Spatio-temporal dynamics of main abiotic parameters of Dâmbovița River within the urban area of Bucharest - Ioana ENACHE, University of Bucharest

11.00 – 11.30 Coffee Break

11.30 – 13.00 Session II:

Strategic Approaches for Water Pollution Mitigation - Vasile I. Pârvulescu University of Bucharest (Keynote)

Zero-emission treatment technologies of hazardous medical waste - Adela Ciobanu ROMEGHEA, Babeș-Bolyai University Cluj-Napoca

Biphasic system for Ulvan conversion to HMF and rhamnose biochemicals - Magdi EL FERGANI, University of Bucharest

Investigation of the wastewater matrix effect on pollutant removal - Florin BÎLEA, National Institute for Lasers, Plasma and Radiation Physics; University of Bucharest

Bioremediation of wastewater augmented by yeast cell surface display - Andrei BĂRBOI, University of Bucharest

13.00 – 14.30 Lunch break

14.30 – 16.00 Session III:

Transnational bottled water: eastern European and ex-USSR imported bottled water in immigrant neighbourhoods in New York city - Liviu CHELCEA, University of Bucharest (Keynote)

The bacterial community in the aquatic environment - aspects related to ecosystem balance and food safety - Andreea DOROFTE, "Dunarea de Jos" University of Galati

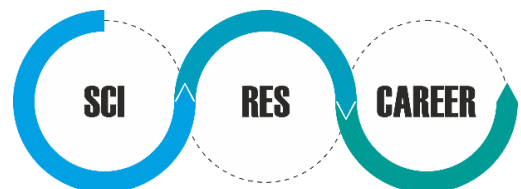
Synthesis of organometallic compounds using 2-carboxyethyl(phenyl)phosphinic acid as ligand with applications in water depollution – Diana ANGHEL, West University in Timișoara

Integrated analysis of microbial diversity dynamics and environmental drivers in Lake Razim, Romania – Denisa IGESCU, University of Bucharest

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“It will be a joy when they start working again”. Bucharest’s public water fountains and the strategies used by the homeless to access drinking water – Vlad COȘMELEAȚĂ, University of Bucharest

16.00 – 16.30 Coffee break

16.30 – 18.00 Session IV:

Resilient by Nature — Stakeholder-driven blue approaches in the Tei-Colentina Living Lab - Maria-Alexandra CALOTĂ, University of Bucharest

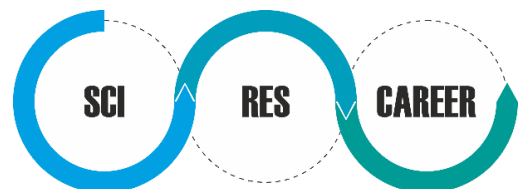
The Socialist Ecology of Reeds: Plant Lives and Hydro-modernities in the Danube Delta – Călin COTOI, University of Bucharest (keynote)

Conclusions of the first day

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TUESDAY, SEPTEMBER 23rd, 2025 – UNIVERSITY OF BUCHAREST

09.00 – 10.00 Plenary lecture: Dan Cogălniceanu (Ovidius University Constanța): Alpine lakes in Retezat National Park

10.00 – 11.45 Parallel sessions

WORKSHOP Implementing Mission 3 ResPonSE	Young researchers From education to research Coaching session
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11.45 – 12.15 Lunch Break

12.15 – 18.00 Visits to environmental sites

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