

Proiectul SWISS MAPS intitulat "Implications of Nano/Microplastic Pollution on Aquatic Environment Health"- IMPACT va fi prezentat comunitatii stiintifice UBB joi, 27 noiembrie 2025, ora 16 in sala S39 (cladire centrala UBB, subsol)

Link UBB-Fizica <https://impact-fizica.granturi.ubbcluj.ro/>

Link SNSF: <https://data.snf.ch/grants/grant/230154>

Link Univ. Geneva, Switzerland, IMPACT

Project: <https://www.unige.ch/ecotox/en/recherches/projets-en-cours>

SWISS – ROMANIAN
Cooperation Programme

MAPS:
Multilateral Academic Projects



*Research
in the
spotlight*



Project title: Implications of Nano/Microplastic Pollution on Aquatic Environment Health

Aim: enhance the ability to track and quantify the fragmentary and fibrous nano-microplastic (N/MPs) in aquatic environments and biota via development of novel Raman spectroscopy approaches based on the enhanced signature of both plastic's polymers and pigments.

Fill the gap of the knowledge on the possible interactions and effects of naturally aged N/MPs by phyto/zooplankton species and deepen the understanding of the potential interactions and impacts of N/MPs on aquaculture shellfish production focusing on key-stone species and natural food webs interactions with an implication on human nutrition.



Consortium partners:

University of Geneva
Vera Slaveykova-Startcheva

Babes-Bolyai University Cluj-Napoca
Simona Pinzaru

University of Dubrovnik
Glamuzina Branko

Project budget: 1.040.601 CHF



Research field:
Natural sciences

Main discipline: Environmental Sciences

Keywords: microplastics; naturally aged; environmental impact



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



Swiss National
Science Foundation



Sunt invitati: cadrele didactice, cercetatorii, studentii si toti cei interesati de subiect