

Univerzitet u Sarajevu

Poljoprivredno-prehrambeni fakultet

Prof. dr Enver Karahmet

KANTON SARAJEVO (Opština Stari Grad)



INSPIRE
Innovative Solutions for Plastic Free European Rivers



Tim

FSTP – OTMBA „Exploring ways to reduce macro and microplastic in river Miljacka – Sarajevo Bosnia and Herzegovina“

Cijeli tim je citiran u SCI bazama više od 3000 puta.



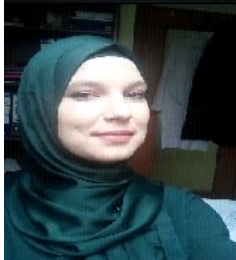
Prof. dr. Enver Karahmet

Poljoprivredno-prehrambeni fakultet
Kordinator projekta za EU - INSPIRE
(Innovative Solution for Plastic free European Rivers)



Prof. dr. Fahir Bečić

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Stručni saradnik na Projektu



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Magister prehrambenih tehnologija
Stručni saradnik na Projektu



Prof. dr. Enisa Omanović-Miklićanin

Poljoprivredno-prehrambeni fakultet
Stručni saradnik na Projektu



Prof. dr. Samira Galijašević

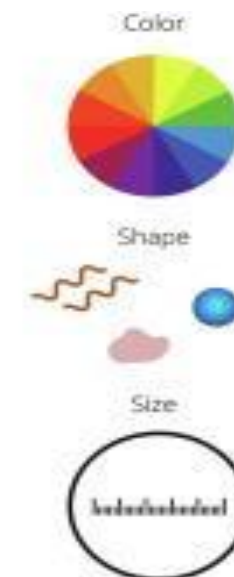
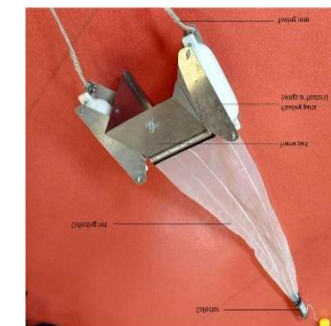
Sarajevo School of Science
Stručni saradnik na Projektu

Analiza i oprema

Aktivnosti u ovom projektu se vode prvenstveno idejom detekcije **makro, mezo i mikroplastike** različitim metodama.

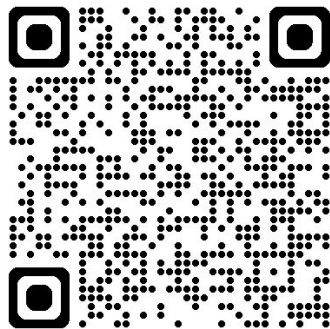
Fizičko sakupljanje, snimanje toka rijeke i okoline **dronom**, uzorkovanje (**Manta ray mrežom** – planktonska mreža) iz samog vodotoka. Određivanje i diferenciranje mikroplastike u uzorcima vode pomoću **mikroskopa** prema veličini, boji, vrsti i obliku (Rochman et al. 2022).

Elektromikroskopija (čestice mikroplastike od **6 do 20 nanometara**) i **FTIR** (Fourier infrared spektroskopija)

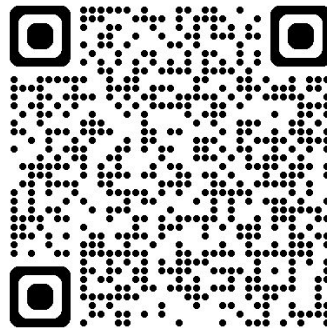


Saradnja

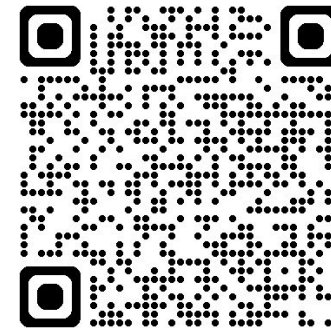
- **Assessment of the State of Nature and Management of Natural Resources in Bosnia and Herzegovina** (PSP). "Supporting decision making and building capacity to support IPBES through national ecosystem assessments". Project number: 0101-8146/18 (Member of the multidisciplinary expert-scientific team).
- "**Environmental protection through the EU perspective**" Programs for the preparation of projects and potential candidates for funds from the H2020 fund, for 2023, Ministry of Civil Affairs of BiH.
- **Improving occupational health and safety (including COVID-19 measures).** The project was implemented in cooperation with UNDP, GIZ, EU4Business Recovery and the International Labour Organisation – ILO.



Google Znalac
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Hvala

Full prof. **Enver Karahmet**

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