

Identification of Microplastic in Shannon River using SEM, spectroscope and Machine Learning

OPEN ISSUES

- 170 TRILLION OF MICROPLASTICS IN THE OCEAN PER YEAR*
- PRESENCE OF MICROPLASTICS IN FRESH ANTARTIC SNOW
- DETRIMENTAL IMPACT ON THE LIVING ORNANISMS
- PRIMARY SOURCES: TEXTILE AND INDUSTRIES

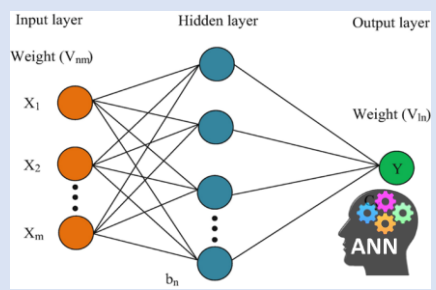
PROJECT OUTLINES



Step1:
Samples collection from the Shannon River



Step2:
Categorization of the type and amount of microplastics



Step3:
Development of an effective artificial neural network model for identifying microplastics

*<https://doi.org/10.1371/journal.pone.0281596>

