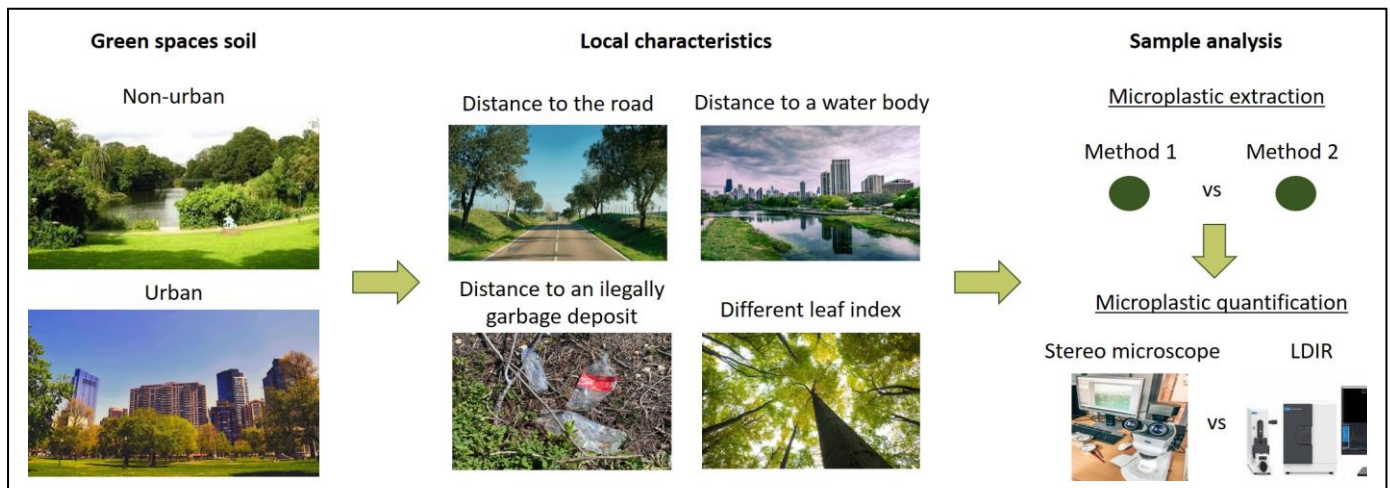


Microplastics in green spaces: local spatial distribution



Introduction

Microplastics are causing a high degree of concern worldwide, since they are poorly controlled. This pollutant has been studied in aquatic environments, especially marine. However, there are few studies involving microplastics in terrestrial environments, especially in urban spaces. In this context, we are looking for a student to assess the occurrence of microplastics in urban and non-urban green spaces, as well as the local distribution of microplastics according to different characteristics. To extract and quantify microplastics, the student would use different methods, in order to find possible differences in the results.

Research questions

- Is there a considerable difference between the occurrence of microplastics in urban and non-urban green spaces?
- Do local characteristics of green spaces influence the local distribution of microplastics in soil?
- Do different methods of extraction and visualization of microplastics lead to different results of occurrence of microplastics?

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