

Living soils lab



Short Name

Living soils lab

Formal Name

Living soils lab

Contact Person

Johanna Musch

Institution/Organisation

Umarell

Website

<https://www.umarellcollective.com/en/>

Social Media

 [@umarellcollective](#)

 [@living_soils_lab](#)



Empowers communities to assess and remediate urban soils, fostering environmental stewardship and resilience.



Summary

The Living Soils Lab is a citizen science initiative aimed at assessing urban soils health with a focus on desealed artificial ground and planted areas aiming to restore ecosystem services and enhance community health and climate resilience in Paris banlieues. Through community involvement, the project engages with innovative nature based techniques such as phytoremediation to observe the restoration of soil health and enhancement of ecosystem services, including carbon sequestration, climate regulation, and water management. By hosting citizen-science sessions in local unprivileged areas, the project empowers local vulnerable communities to take an active role in addressing environmental and health challenges. Participants gain hands-on experience in soil testing, data collection, and ecological restoration, fostering greater environmental stewardship and resilience.