

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](https://www.instagram.com/umarellcollective)

 [@living_soils_lab](https://www.instagram.com/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 in Paris banlieues, dedicated to assessing urban soil health, especially on desealed and planted sites, while promoting the One Health approach, which recognises the interconnectedness of human, environmental, and community well-being. Collaborating with local residents from the community, the project combines hands-on soil testing and historic land use research to reveal the ecosystem services provided by living soils, such as carbon sequestration, water management, and climate regulation.

The Living Soils Lab uniquely integrates art therapy within its CSI workshops, providing creative spaces for participants to process environmental challenges and foster emotional and climate resilience in vulnerable urban communities.