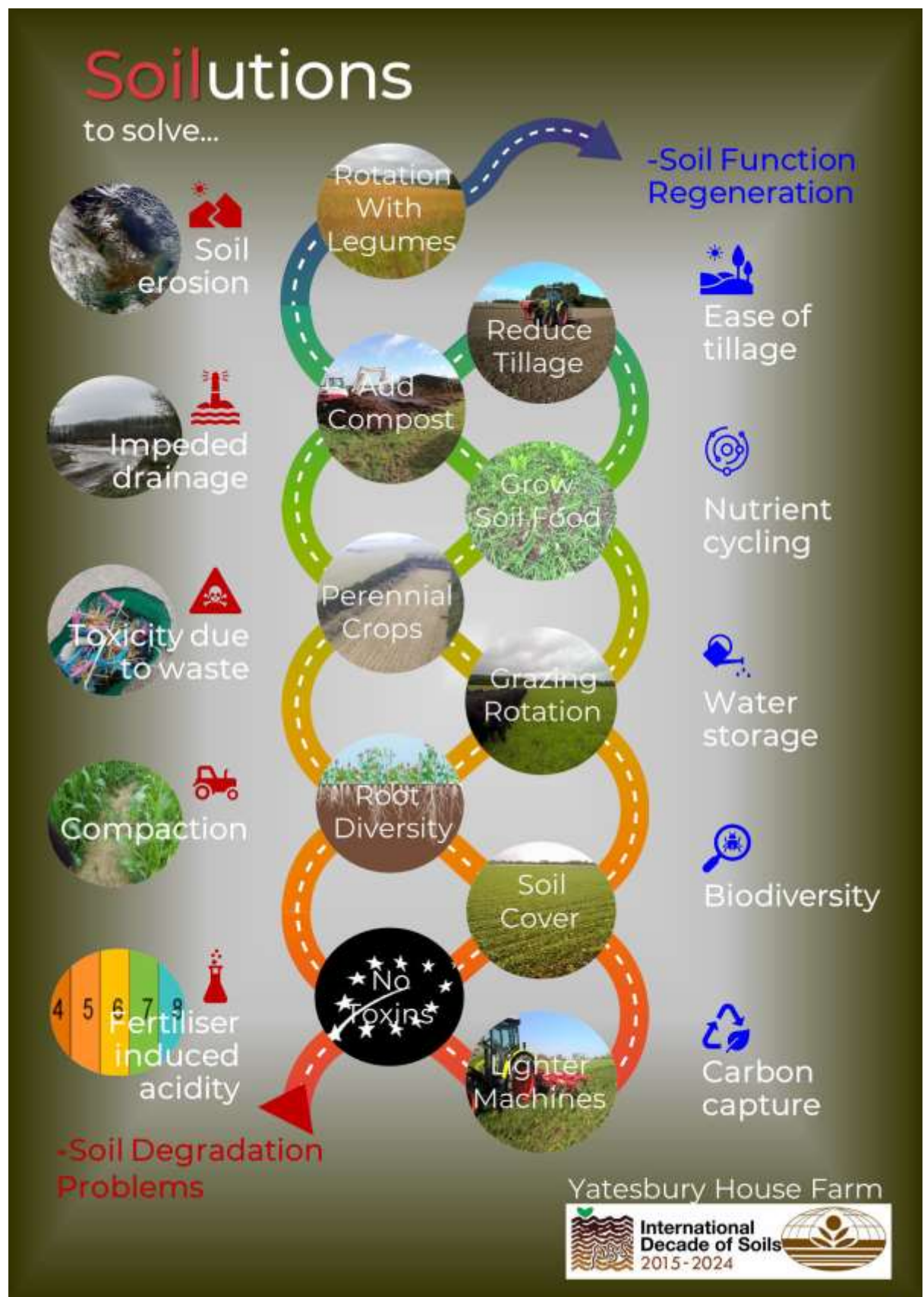


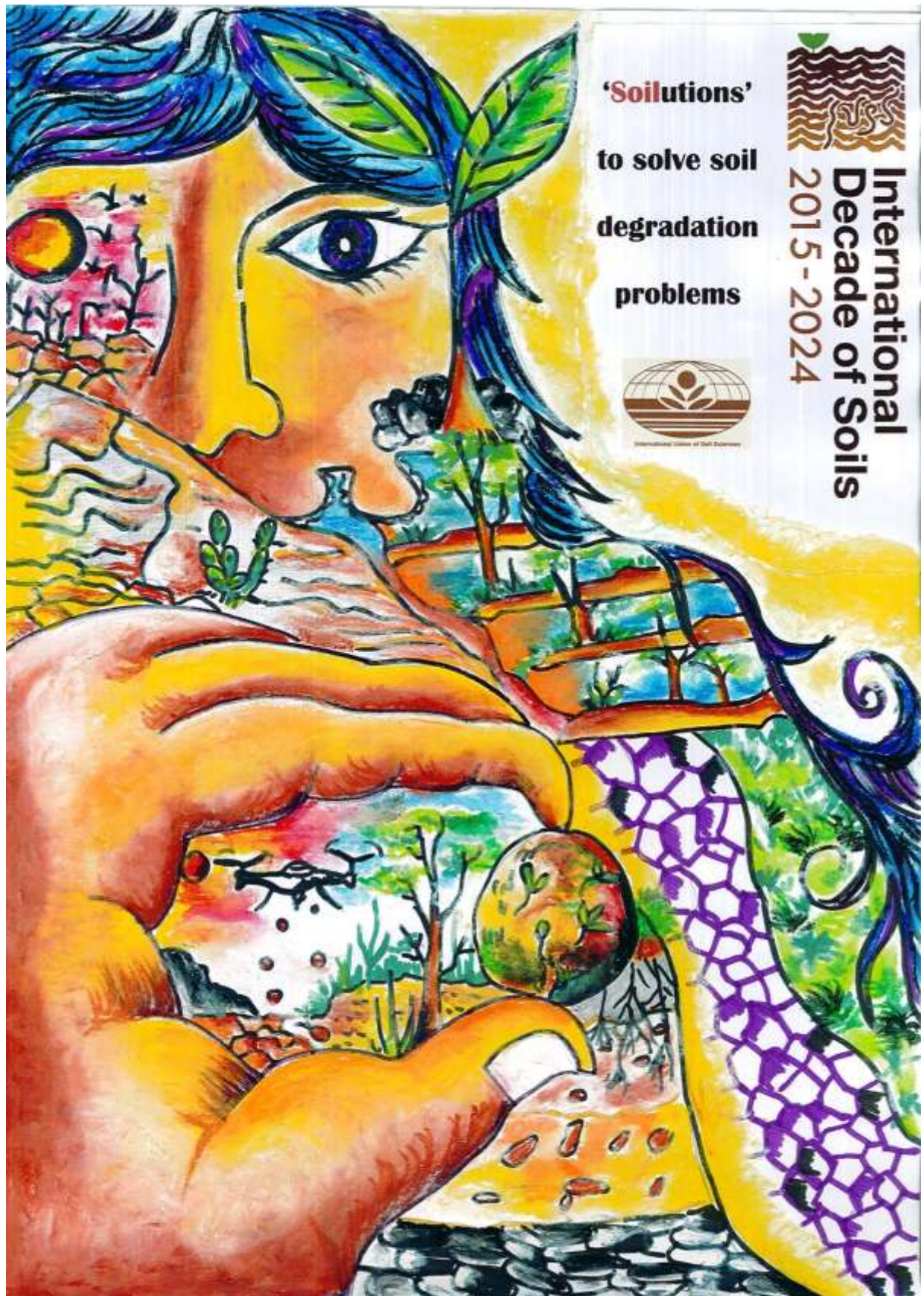
## Winners of IUSS Soilutions Poster Contest 2019

1. Place Hernández Huerta Aldo Alfredo





3. Place M.A. Samarasekara, A.G.S.D. De Silva and R. Thusyanthini



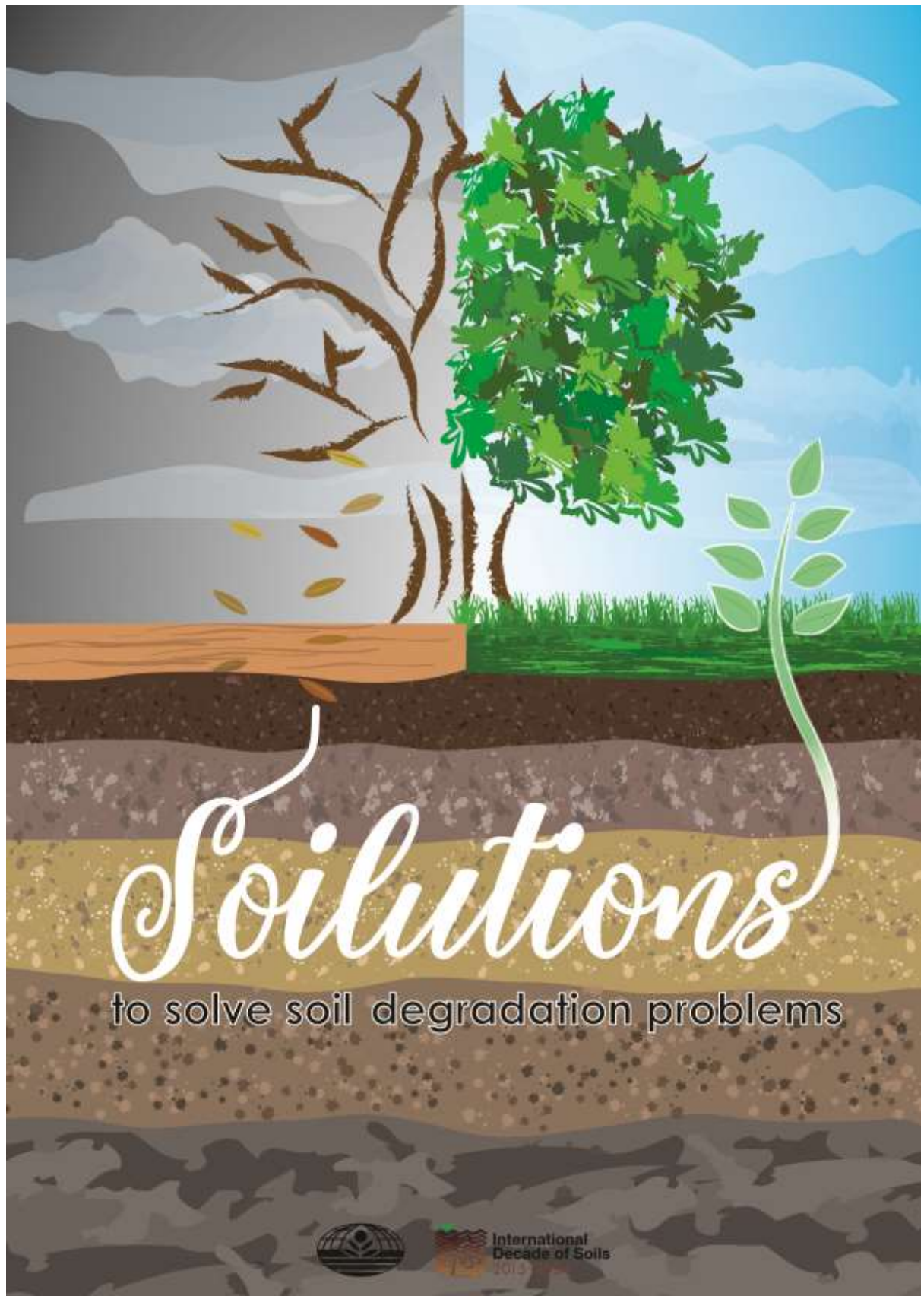
Further best posters:

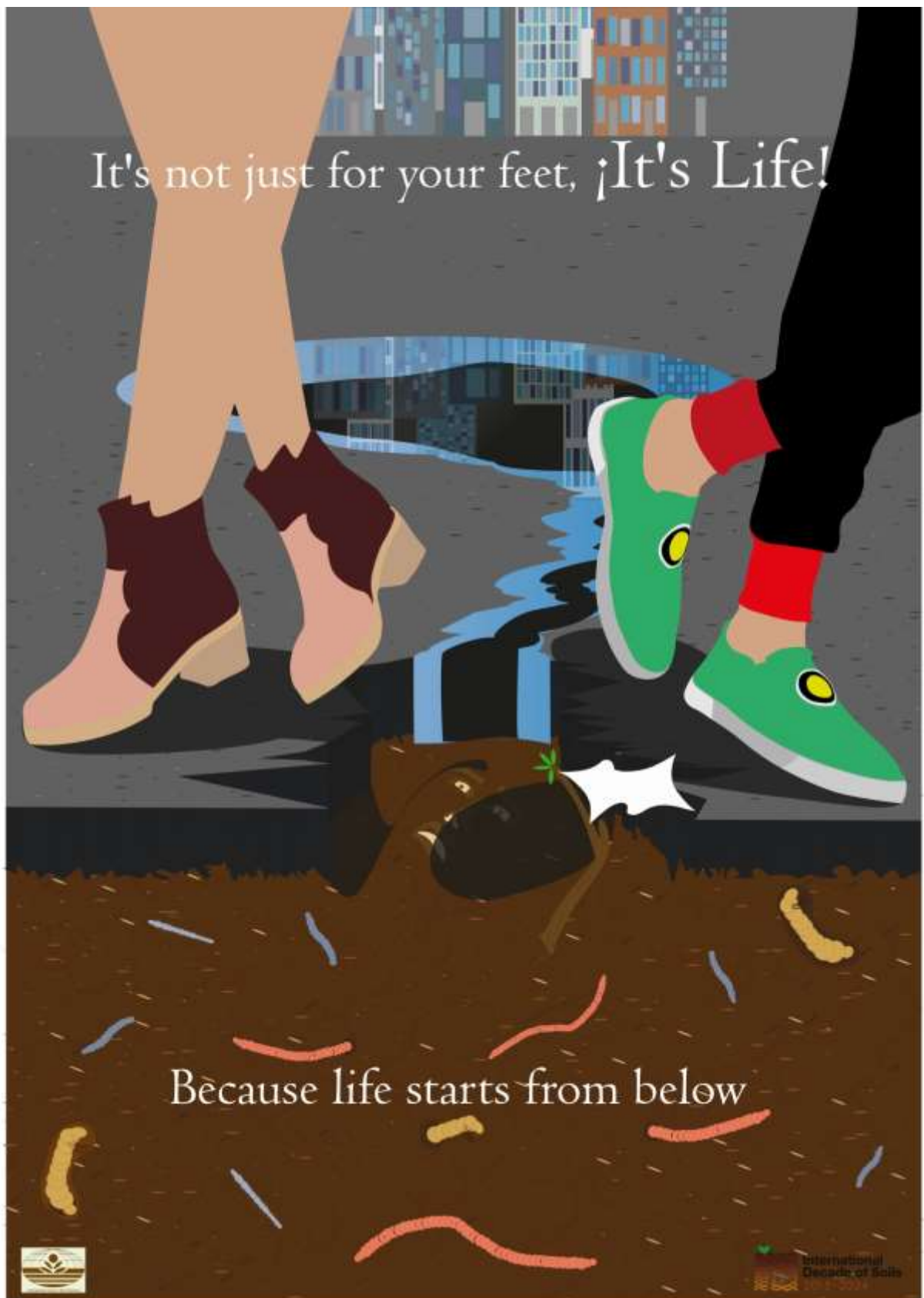
Johanna Tovar Jara



**Our soil as a memory is  
unforgivable**



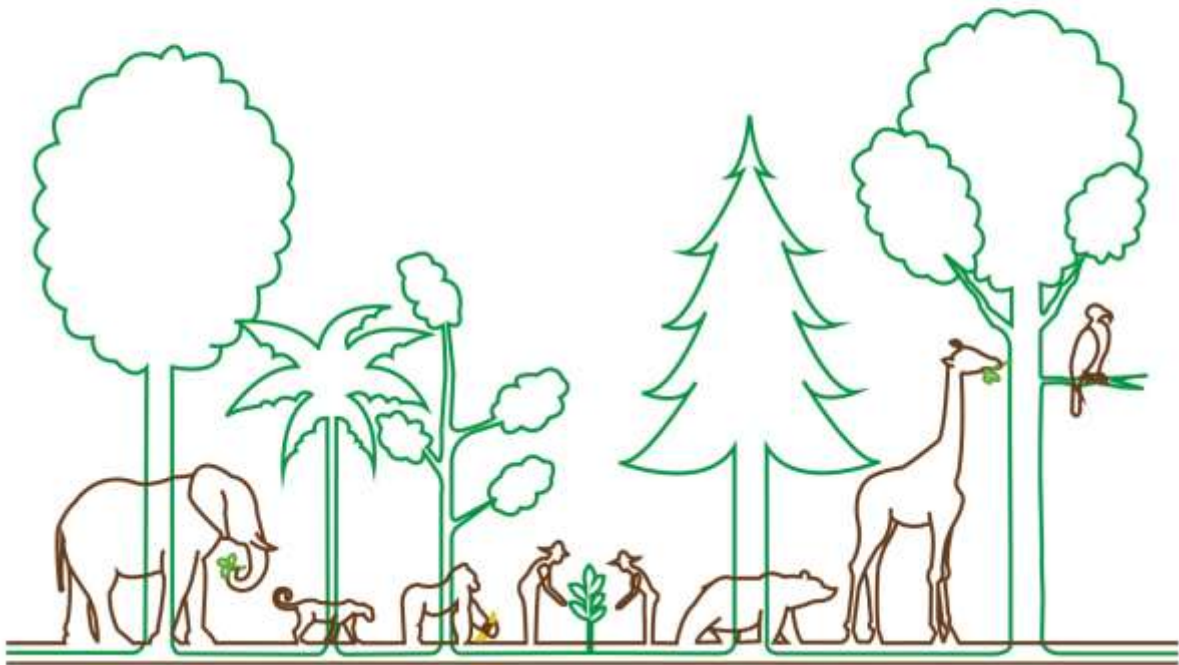




Raquel Robledo Esquivias

# Soilutions

TO SOLVE SOIL DEGRADATION PROBLEMS



**Take care of soils, Take care of life.**







# EROSION CONTROL CALCULATOR

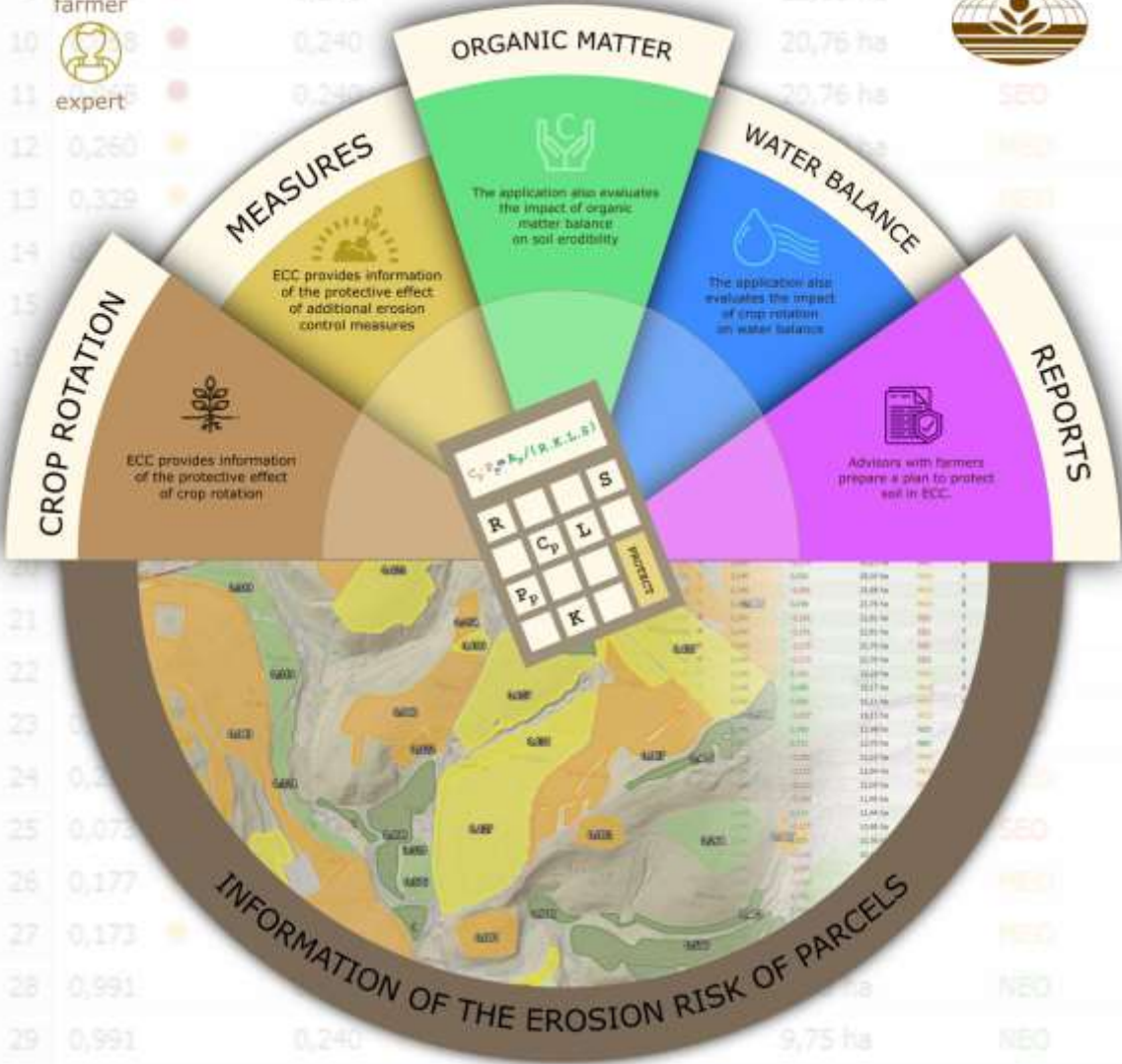
Erosion control calculator (ECC) is an Internet application for decision support in the field of soil erosion control


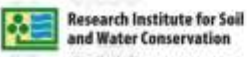
**'Soilutions' to solve soil degradation problems**

VOJTECHOVSKÝ Tomáš, NOVOTNÝ Ivan  
vojtechovsky.tomas@vumop.cz, novotny.ivan@vumop.cz  
<https://kalkulacka.vumop.cz>

 farmer  
 expert


  




  
<https://kalkulacka.vumop.cz>  


Erosion control calculator is based on Universal Soil Loss Equation. This equation is the most commonly used method for estimating the erosion risk of agricultural soils in our country and worldwide.

The United Nations have announced 17 Sustainable Development Targets, which represent a development program until 2030. In connection with these objectives, it has announced a competition for projects best suited to meet these objectives. Expert commission for this competition consists of the Food and Agricultural Organization of United Nations and FORBES, for example. This commission has chosen Soil erosion control calculator as a winner of Expert Panel Award.





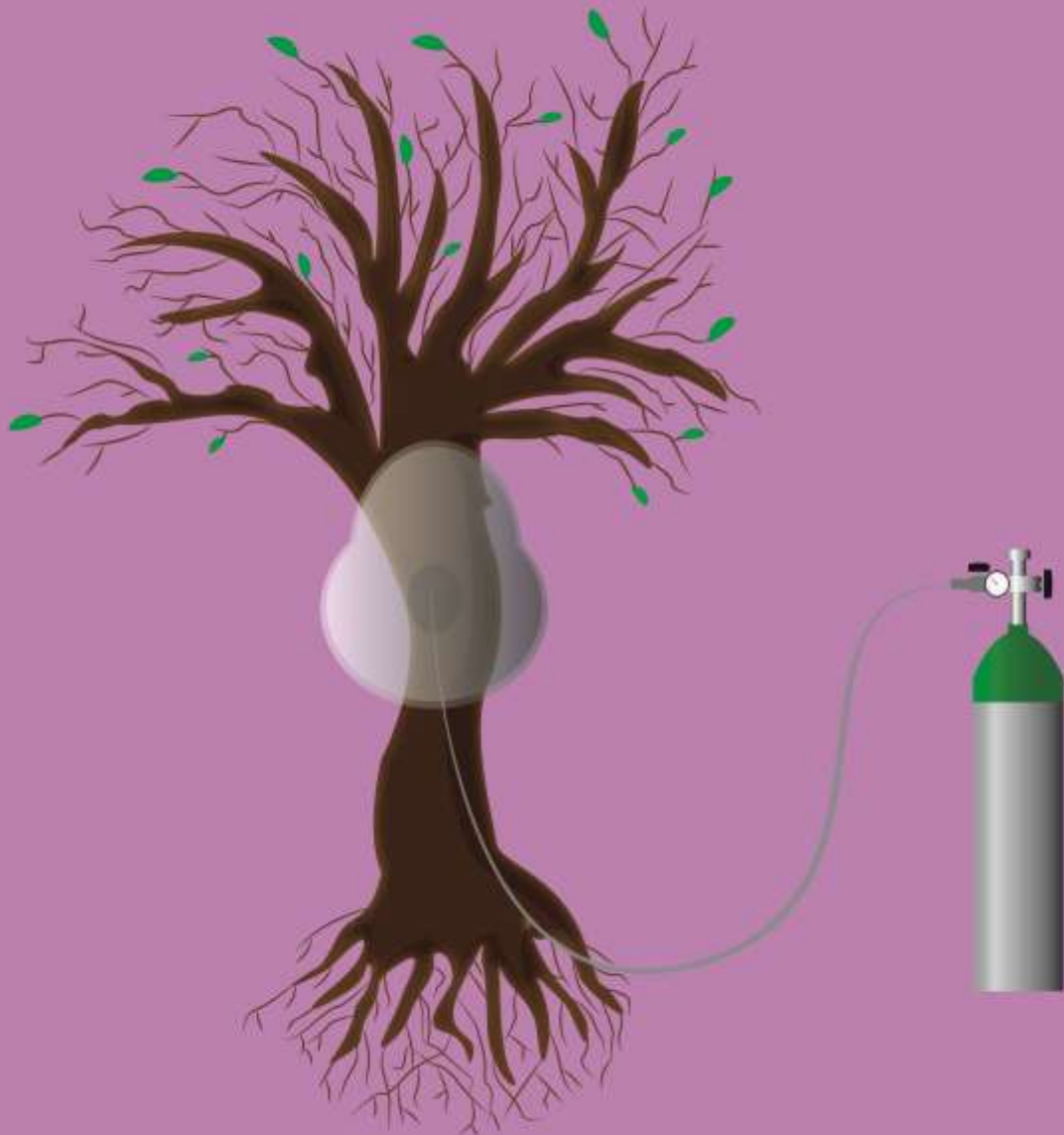


# 'Soilutions' to solve soil degradation problems

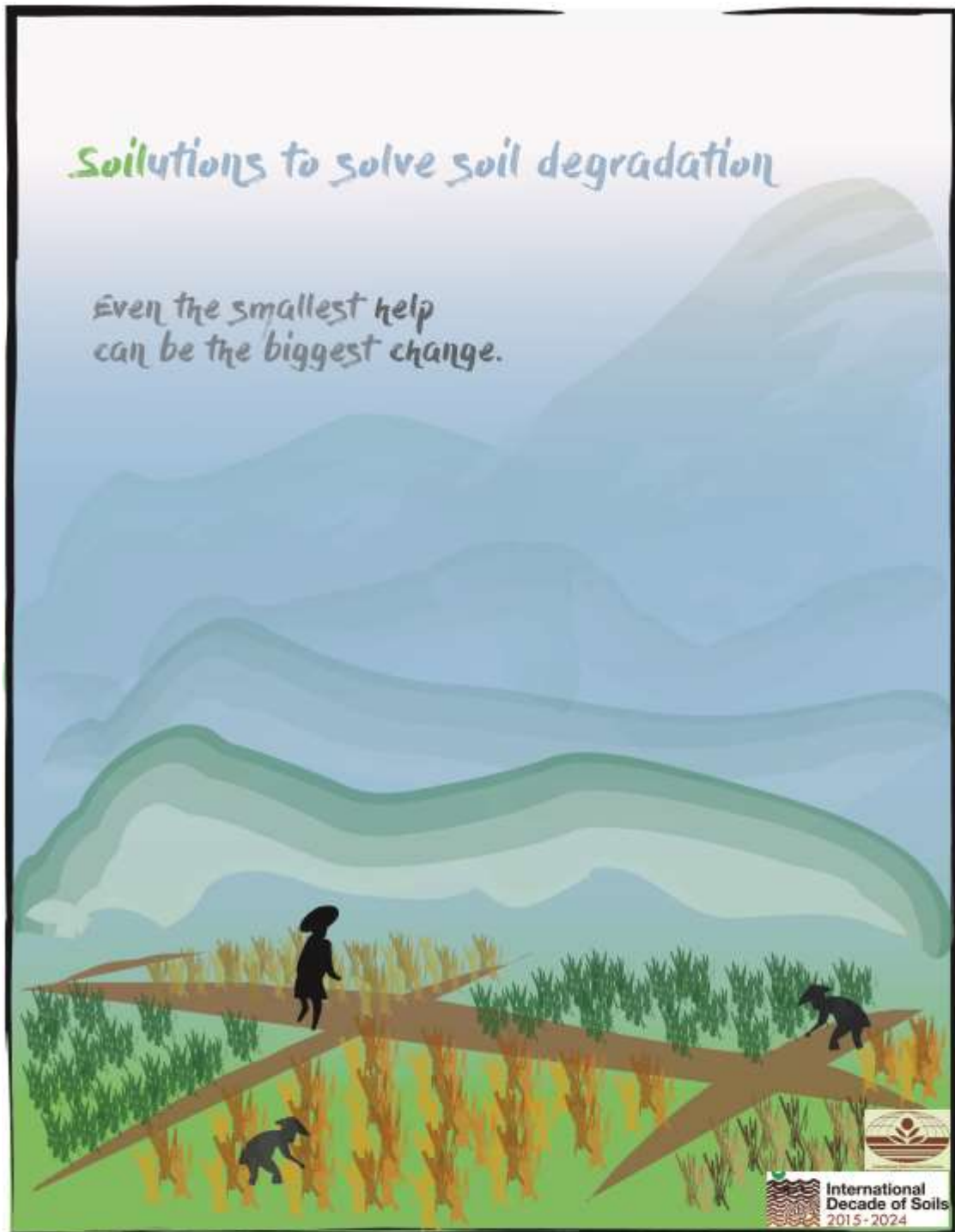
CARING LITTLE HANDS



# 'Soilutions' to solve soil degradation problems



**International  
Decade of Soils**  
2015-2024



# SOILUTIONS

## WATER USAGE AND FOOD

Higher excise duties on meat  
Lower prizes on vegetables



To produce a salad (tomato, lettuce and cucumber) about 70 liter water is necessary. While steak needs about 2550 liter water, according to the Water Footprint Calculator.

DRINKING WATER



The saved water can be used for:

- repairing degraded soil
- drinking water
- vegetables and cereals
- and much more...

BE AWARE OF  
**YOUR**  
WATER USAGE

## GREEN NEIGHBOURHOODS

WE ♥ GREEN

Reward people who are replacing their sidewalk tiles for green in their garden. Also support having green in the neighbourhood, for example by shared green space. Green places will increase the amount of different kind of insects and improve the organic soil.



Talking about water, why not use rainwater for vegetation instead of the drinking water?



Soil can be improved by the natural cyclus of vegetation and their nutrients. Keep away from pesticides and let the nature take care of the rest.



International  
Decade of Soils  
2015 - 2024