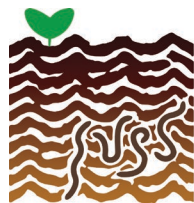




International Union of Soil Sciences

# International Union of Soil Sciences

## **Children and soil museums: *Unveiling the universe beneath our feet***



**International  
Decade of Soils**  
2015-2024

**Laura Bertha Reyes Sánchez**



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# Why Soil education?

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*“Because you can't love what you do not know,  
or understand what is ignored, our tasks  
are also to teach, educate and raise awareness”*

(Reyes-Sánchez, 2016)



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# Why Soil education?

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Teaching is not educating, teaching is just a part of educating, but not the same. Educating necessarily entails the explicit and implicit formation of values that emotionally and cognitively root the information transmitted, thus making possible the progressive formation of a conscience that in the medium and long term builds, little by little, a culture: a culture of preservation.



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Therefore, if what we want is to create a knowledge that entails a citizen awareness that is reflected in a culture of preservation of the edaphic resource, we do not need to instruct citizens to generate knowledge about the soil resource, but to educate them to preserve it as an element indispensable for life.

(Reyes-Sánchez 2005).



# Why Soil education?

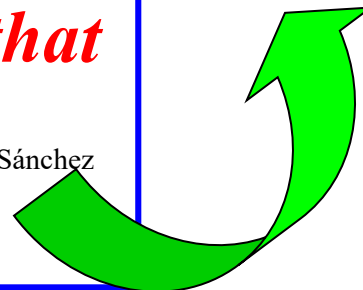


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So, what is really important is to explain to every citizen why the soil is important to them, and how its loss affects us all regardless of the social class to which they belong. *It*

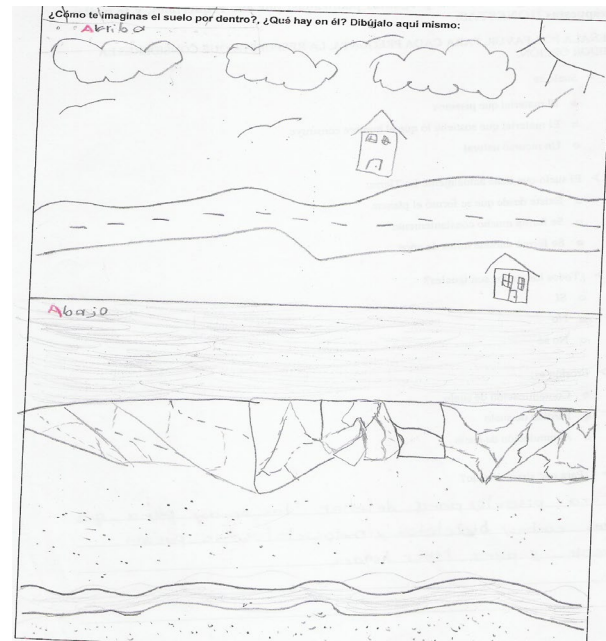
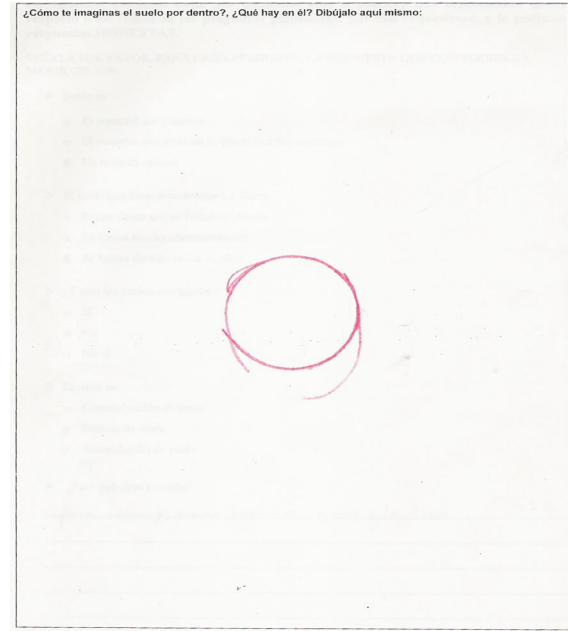
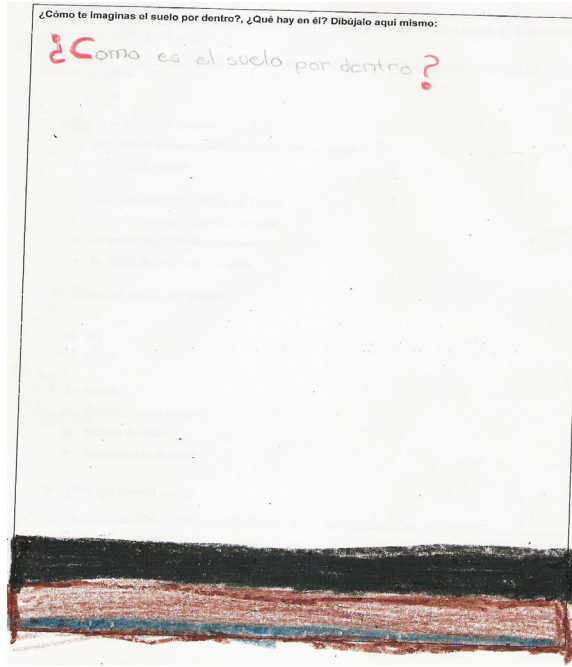
*is therefore that those contents that are taught are taught with a meaning: that of PRESERVATION* (Reyes-Sánchez

2012).



# How do children imagine that the soil is inside?

# Previous concepts







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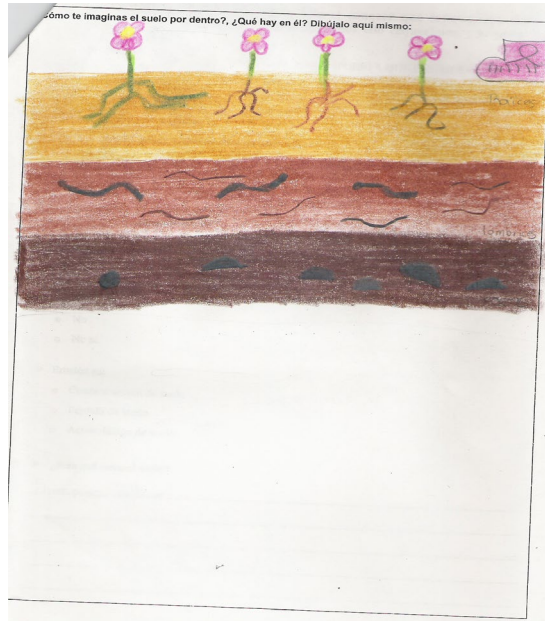
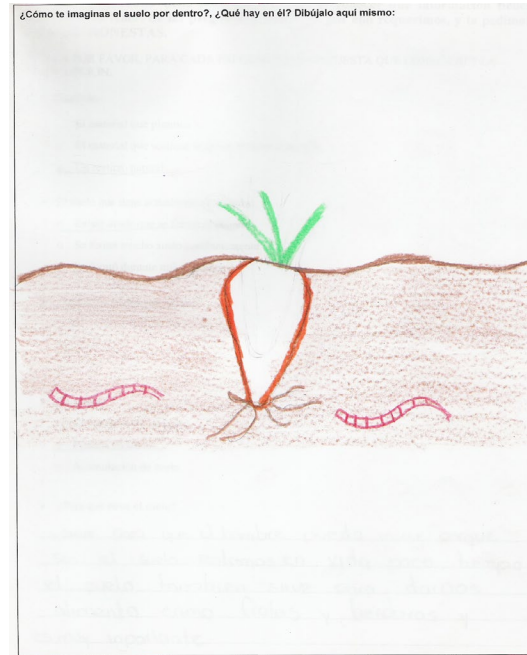
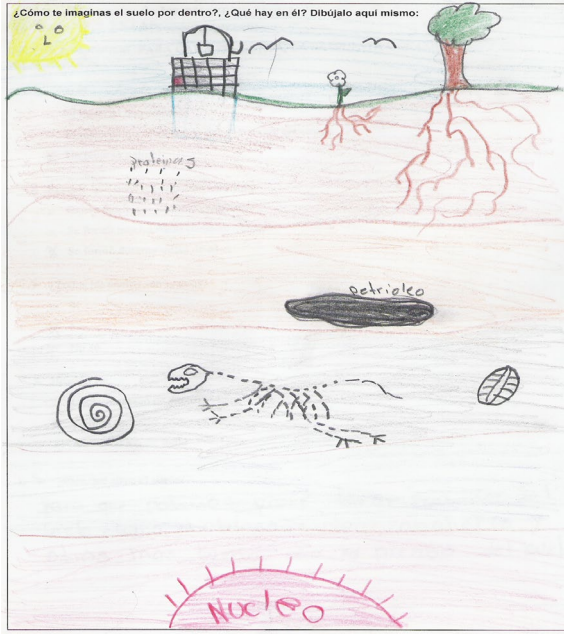
# Why Soil education?





How do children imagine that the soil is inside?

**After pedagogical intervention**

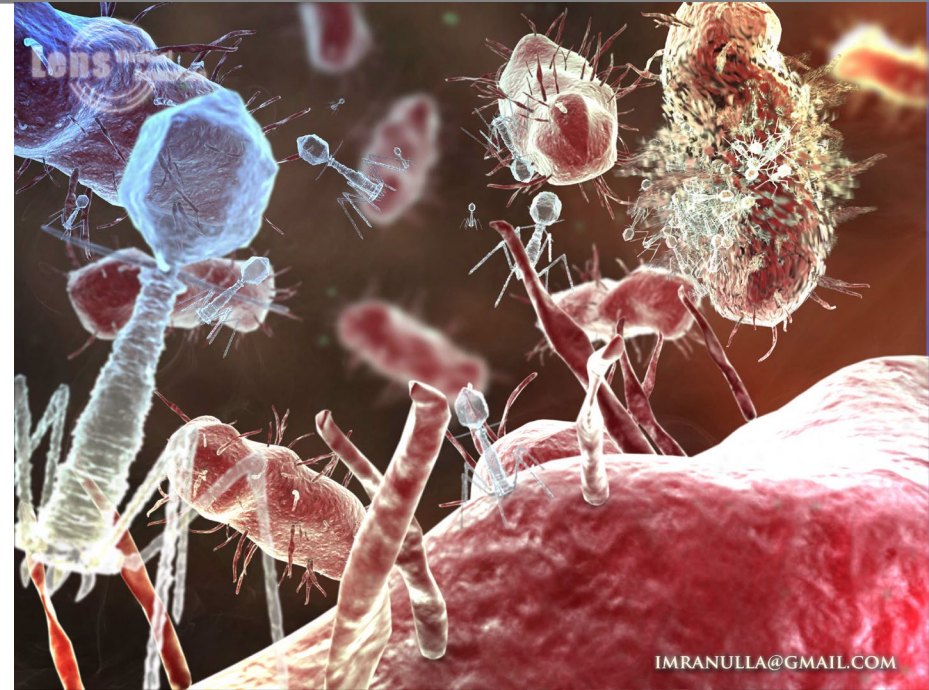






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# Why Soil education?





# Why Soil education?





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# Why Soil education?



Offer multiple perspectives for teaching and learning



Design learning activities that allow students to work actively in the construction of knowledge



Expand the limits of access to knowledge through interdisciplinary educational proposals



Offer opportunities for collaboration and cooperation among peers

Develop educative researches on soil science to improve its teaching





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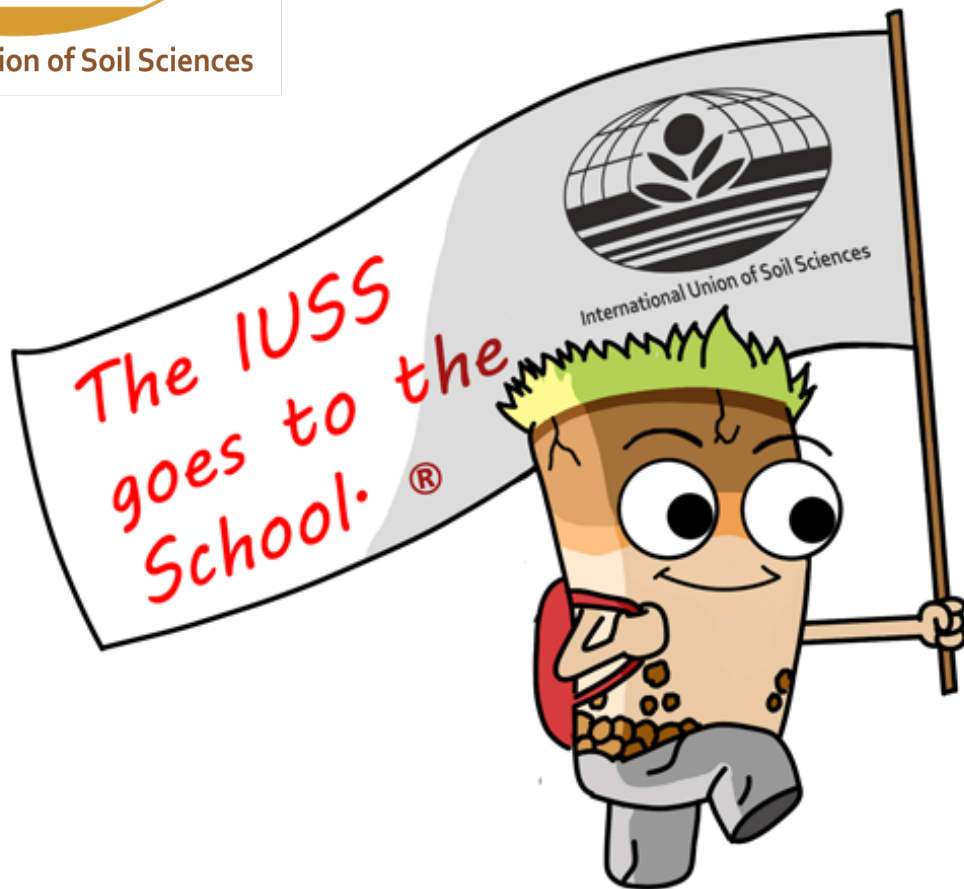
- \* “Stop the land degradation as the most insidious and underestimated challenge of the 21st century”
- \* “Direct the main focus of all activities on school age children and young adults (who will be teenagers and young adults in 10 years' time)”





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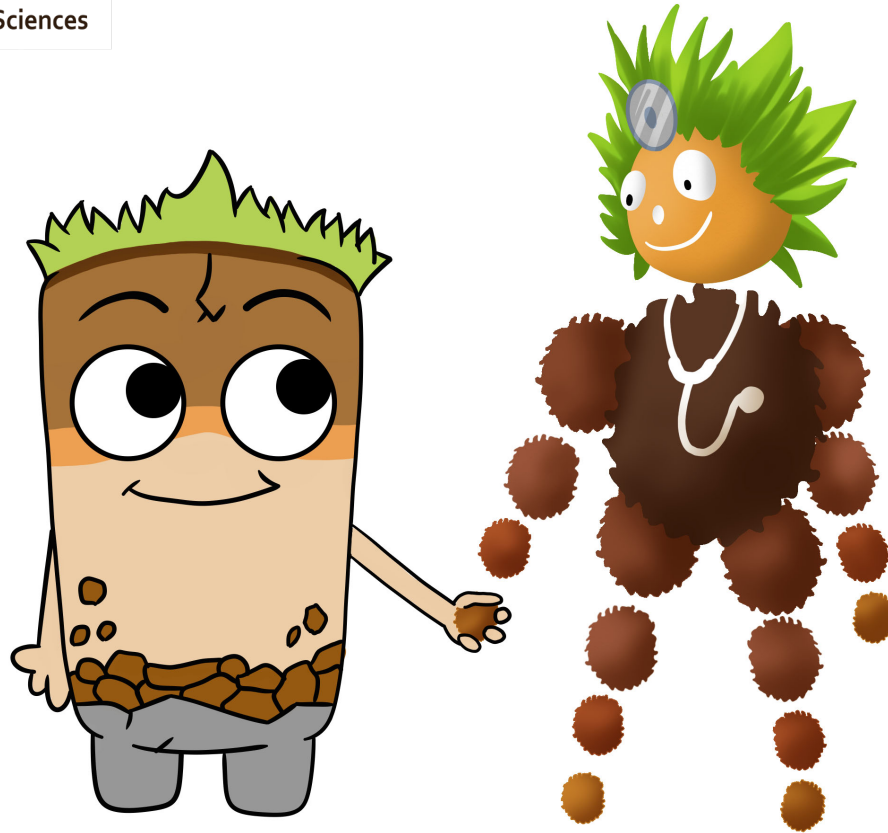
[www.iuss-goes-to-school.org.mx](http://www.iuss-goes-to-school.org.mx)



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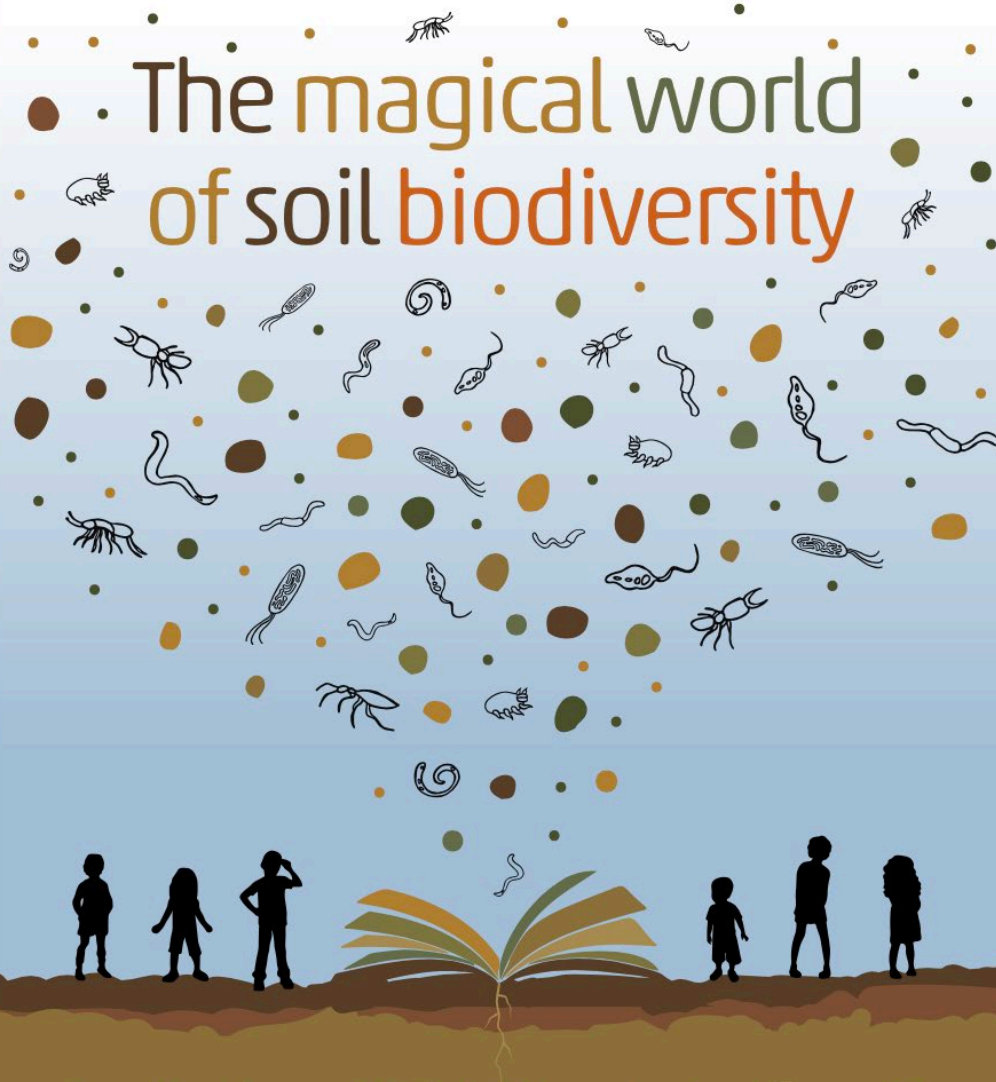
GLOBAL SOIL  
PARTNERSHIP



Together we work educating and raising awareness among children and young people



Food and Agriculture  
Organization of the  
United Nations



A collection of 10 children's stories  
from around the world





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# We need to all

# working with us



GLOBAL SOIL  
PARTNERSHIP

*Stopping degradation will not be possible*

*if only future soil science scientists know*

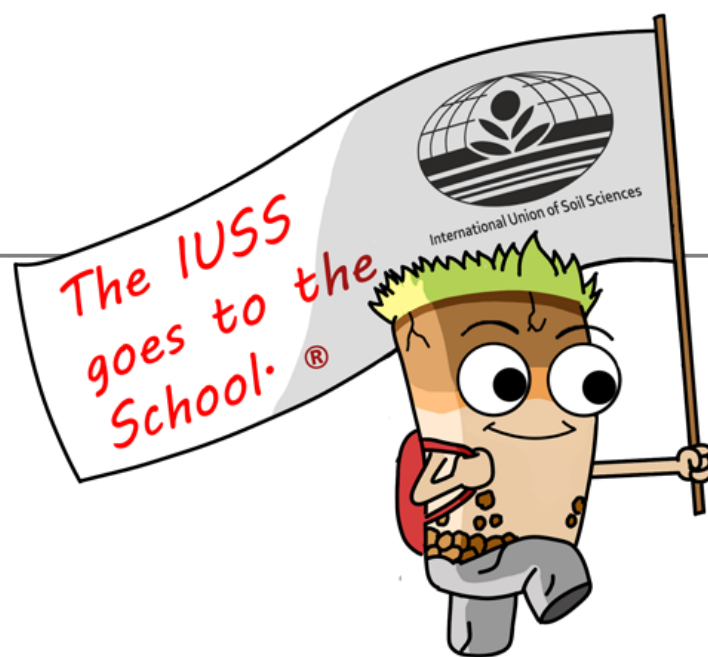


*its value for the existence of life*





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[www.iuss-goes-to-school.org.mx](http://www.iuss-goes-to-school.org.mx)

#TogetherWeAreStronger

<http://www.fao.org/global-soil-partnership/en/>

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