



21 WORLD CONGRESS OF SOIL SCIENCE

Sunday 12 – Friday 17 August 2018
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

Soil Education in Latin America

Laura Bertha Reyes-Sánchez¹; Cristine Carole Muggler²

¹ Universidad Nacional Autónoma de México, México. Email: lbrs@unam.mx; ² Universidade Federal de Viçosa, Minas Gerais, Brazil.

This paper will draw a brief panorama of how Soil Education has been developing in Brazil and Latin America. In Brazil, soil education as a formal field appeared within soil departments at Agrarian Sciences faculties and universities and more recently in Geography faculties. However, it exists as a content in environmental education, done at formal and non-formal education, that includes basic education schools, museums and science centres (not much), social movements and non-governmental organizations. Within the soil science community, it started with the creation of the Brazilian Soil Science Society (SBCS) in 1947, as a technical commission called Soil representation and study methods and Soil Science teaching. In 1987, it became Soil science teaching, and in 2007, it was renamed to Soil Education and Soil Public Awareness, widening its approach. Since then, the number of sites doing Soil Education increased to more than 30, and it was possible to keep biannual meetings that bring together a diversity of students, school teachers, extension agents, researchers and university docents. The Latin American Soil Science Society (SLCS) is constituted by 19 National Soil Science Societies and its Education and Teaching Soil Science Program is of paramount importance and concern for the SLCS. "Thus Are de Soils of my Nation" is nowadays the Latin American educative project that is being developed by most of his national societies. Like a part of the original statements that conform this project, constructed under the perspective of diverse methods of study and pedagogical theories, the real fact that is assumed, is that by playing and dreaming children learn and construct new knowledge and establish permanent neuronal networks interconnecting diverse areas and cerebral functions. For this reason and in this context, our most important objective is to make children understand in an interdisciplinary way, that soil is the indispensable natural resource to preserve life on Earth while they work, play, argue their observations on the school orchard and learn. In order to achieve our aims, we work under three principal lines: The educational work carried out into the schools as a scientific activity. The "Symposium of Educative Innovations on Teaching and Learning Soil Science". The training of teachers in "Didactics of the Soil Science Teaching.

Keywords: Soil; sustainability; education.



Brazilian Soil Science Society



2015
International
Year of Soils