



CONGRESO NACIONAL DE LA
CIENCIA DEL SUELO



1st International Conference on Soil Sustainability and Innovation

THURSDAY, OCTOBER 19, 2023

9:00- 10:00	Dr. Xu Zhihong Soil organic matter dynamics and nitrogen cycling in native forest ecosystems of subtropical Australia
10:00- 10:20	Dr. Frédérique Reverchon Rhizosphere microbiomes: strategies for sustainable crop management
10:20-10:40	PhD. candidate Marco Antonio Meraz Mercado Bacterial community changes in the presence of AMF in the context of maize with low phosphorus content
10:40- 11:00	Dr. Tonantzin Tarin Terrazas A short story from a plant perspective of the soil-plant-atmosphere continuum
11:00- 11:40	Dr. Cristian Dimkpa Nanomaterials application in agriculture: insights into soil health and quality implications
11:40- 12:00	M. Sc. Jaime Díaz Ortega Development of sustainable hydromorphic Technosols in artificial wetlands in mining landscapes: effect of hydrothermal geological materials
12:00- 12:20	Lic. Aurora Rivera Zizumbo Implementing ITS1 metabarcoding on the analysis of soil microeukariotic diversity of the Mountain Cloud Forest
12:20- 13:00	Dr. Elías Symonakis Monitoring savannah degradation with Earth Observation
13:00-13:20	Dr. Bruno Chávez Vergara Green water in a brown landscape: Soil available water content at the end of the dry season in an oak deciduous forest
13:20- 13:40	Dr. Dulce Flores-Rentería Soil carbon exchange in rangelands with regenerative management in arid zones in the Chihuahuan Desert Mexico
13:40- 14:00	Dr. Enrico Yopez González Insights on the physical and biological controls of soil respiration in seasonally dry forest ecosystems