

# **International Paleopedology meeting**

**International Union of Soil Science  
International Quaternary Union Working Group  
Paleopedology Commission  
Researchers of the Quaternary and the Anthropocene (INCUA)  
Universidad Nacional Autónoma de México**

**Russian Academy of Sciences**

**On-line conference  
June 10-11, 2021**

## **Announcement and Call for Papers**

As a consequence of the pandemic, the International Commission on Paleopedology of IUSS decides to organize a two-day-on-line meeting with scientific sessions, in order to ensure everyone's health and safety and to not limit participation due to travel restrictions. During the online meeting, we propose to discuss the contribution of paleopedology to understanding the interaction of societies with their environment throughout the whole history of hominids and from the other hand – the feedback that soil science could receive studying types, rates of pedogenetic processes in the ancient anthropogenic contexts.

### **Paleosols (Soils?) and ancient societies: from early humans till industrial revolution**

1. Walking over paleosols in and out of Africa: paleopedological indicators of early human ecology along the routes of initial peopling of the world.
2. Soil mantle and ancient agriculture: transformation, degradation, resilience. Paleopedological indicators of ancient land use. Man-made soils and soil horizons: artificial terraces, raised fields, plaggen.
3. Features, processes and evolution of urban pedogenesis: settlement soils from Palaeolithic to Industrial era. Stratigraphy, microstratigraphy, and micromorphology of the archaeological soil-sedimentary sequences and living floors as a record/memory/archive of site formation processes, and on-site life cycles
4. Soil as raw material for ancient technologies (earth architecture, ceramic etc.): provenance, chaîne opératoire, environmental effects
5. Soil chronosequences on the artificial landsurfaces as a tool for evaluating timescales, rates and characteristic times of pedogenetic processes

### **Organising Committee**

Maria Bronikova – Chair of the Paleopedology Comission. Russian Academy of Sciences

Elizabeth Solleiro-Rebolledo – Vicechair of the Paleopedology Comission. Institute of Geology, UNAM.

Sergey Sedov – Institute of Geology, UNAM

Berenice Solís-Castillo, Researchers of the Quaternary and the Anthropocene (INCUA)

Georgina Ibarra-Arzave – Secretary of the on-line conference. Institute of Ecosystems and Sustentability Research

Deadlines:

Abstract reception until May 15<sup>th</sup>

Program publication: June 1<sup>st</sup>

The on-line conference will be on the zoom platform, hosted by Institute of Geology.