GLOSOLAN-Spec work report in 2021-2022

By Mx. Magdeline Vlasimsky, GLOSOLAN-Spec Coordinator, GSP/FAO

22-24 November 2022
The GLOSOLAN Initiative on Soil Spectroscopy (GLOSOLAN-Spec) was launched in April 2020 at the purpose of building the capacity of soil laboratories on the use of this technology by bringing together institutions and experts from all around the world on the topic.

The Third Plenary Meeting on Soil Spectroscopy will take place on 30 November - 1 December 2022.

The agenda includes:

- definition of the GLOSOLAN-Spec work plan for the years 2022-2023
- discussion and decision on switch to SoilSpecNet
GLOSOLAN-Spec achievements
Soil spectroscopy webinars

- Five online webinars
- A total of 2791 registrations from 124 countries
- A total of 1434 participants joined live session
- Video recordings
- Questions and discussions

6th Meeting of the Global Soil Laboratory Network (GLOSOLAN) | 22-24 November 2022
Soil spectroscopy training material

Project: Innovative Digital Tools for Soil Fertility Management in Uzbekistan

Funding: World Bank in cooperation with the Korean Trust Fund for Green Growth (KGGTF)

Reviewers: Prof. Budiman Minasny (University of Sydney)
Prof. José Alexandre M. Demattê (University of São Paulo)

Preface writing: Prof. Alex McBratney (University of Sydney)

Yufeng Ge
University of Nebraska

Yi Peng
FAO/GS

Alexandre Wadoux
University of Sydney

More than 650 downloads
Available in Simplified Chinese, thanks to the work of Zhejiang University, and Russian.

French translation, thanks to the work of Alexandre Wadoux and Isabelle Verbeke available soon.
Soil spectral modelling video courses

- Six sessions
- Soil spectral modelling in R
- R codes
- In the process of being finalized, published in coming weeks

Alexandre Wadoux
University of Sydney
Publication

• GLOSOLAN Spec. Steering Committee members wrote and published an article in the European Journal of Soil Science

• Raise awareness of potential of soil spectroscopy
Challenges and issues

• Issues of publishing SOPs
• Issues of collaboration with IEEE
• Instruments (Issues of working with private sectors)
• Time-consuming nature of legal discussions on data ownership and soil spectral estimation platforms
• Lack of forum for discussion and support
Thank you

If interested in attending the GLOSOLAN Spec. Plenary Assembly on 30th of November and 1st of December, please use the link in the chat to register.