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Document for Decision: *Review of the capacity building strategy of the GLOSOLAN-Spec Initiative*

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Motivation of proposal:

- Movement towards a country-driven approach
- Answer the demand from participants to publish the capacity and research focus of institutes in the network
- Create a more extensive and global network to support countries and laboratories in their need



Proposal of SoilSpecNet: Aims:

1. Develop the capacities of at least one soil spectroscopy institution/laboratory per country that will thereafter join SoilSpecNet; and
2. Under the auspices of GLOSOLAN, support the development of the Global Soil Information System (GloSIS) and the National Soil Information Systems by providing estimated soil property data to the International Network of Soil Information Institutions (INSII) for soil mapping and modelling purposes.

Proposal of SoilSpecNet: Members:

- The nine regional champion laboratories or institutions identified in 2020;
- Internationally recognized soil spectroscopy institutions and laboratories; and
- Private sectors (e.g. manufacturers and private laboratories) specialized in soil spectroscopy that prove not to have any conflict of interest with GLOSOLAN and GLOSOLAN-Spec.



Proposal of SoilSpecNet: Tasks

- Provide information such as their capacities and interests on the development of soil spectroscopy as needed;
- Attend the in person or virtual annual meetings of SoilSpecNet and contribute to global decision making;
- Support GLOSOLAN-Spec on the development of national capacities by (for example) acting as trainers in webinars, participate to the writing of manuals, guidelines, project applications, etc. on soil spectroscopy, respond to country specific requests for support by sharing their knowledge and other as needed;
- Actively communicate with other SoilSpecNet members and support each other in the implementation of the GLOSOLAN-Spec Initiative;
- Closely cooperate with national INSII focal point and support the development of national soil information systems;
- Get in touch with their National Reference Laboratory in GLOSOLAN to explore ways of collaboration on wet chemistry and spectroscopy at the national level;
- Spread the voice on SoilSpecNet, motivating other laboratories, institutions and private actors in their country and region to join the network;
- Advocate for the mobilization of financial resources to execute the GLOSOLAN-Spec workplan on capacity development;
- Share national and institutional soil spectral libraries (SSLs) to GLOSOLAN to support a global open-access library, and;
- Allow individuals to attend GLOSOLAN summer school on SSL

Proposal of SoilSpecNet: Administration

- All public and private laboratories and institutions, and the private sectors specialized in soil spectroscopy would apply using an application form sent to the Coordinator.
- All applications will be reviewed by the GLOSOLAN-Spec Chair and Steering Committee.
- New members of the SoilSpecNet will be announced at the annual GLOSOLAN-Spec meeting.
- All information on SoilSpecNet members will be published on the GLOSOLAN-Spec webpage.



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Now the floor will open
for comments in
advance of the vote!

