

Interactive comment on “A new model for intra- and inter-institutional soil data sharing” by José Padarian and Alex B. McBratney

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GloSIS is being built in exactly the opposite manner. GLOSIIS is envisioned as a federation of soil information systems, which share interoperable soil data sets via web services. The soil information systems that host and publish the soil data of the data providers are referred to as “nodes” in the federation. These nodes could be national (country) systems, regional systems (e.g. the Latin American Soil Information System, SISLAC) or a soil information system of an (inter)national research organization or NGO that wishes to share its soil data. GLOSIIS will connect users with providers through a single access point: the discovery hub. The system will allow data providers

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three participation levels to make their SIS part of the GloSIS Federation.

1. Tailored implementation – for data holders with an existing SIS. The data holder must implement the GLOSIIS data exchange specifications. 2. Template implementation – for data holders that wish to setup and populate their own SIS. They implement the GLOSIIS template node. 3. Support implementation – for data holders lacking the resources, knowledge or desire to set up and maintain a SIS. These data holders can submit the soil data they wish to share to the support node.

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