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To develop, promote and maintain internationally recognized and adopted standards for the exchange and collation of consistent harmonized soils data and information worldwide.

Establishment

The IUSS Working Group on Soil Information Standards (hereafter the Working Group or WG-SIS) was established at the IUSS Executive Committee meeting held in Brisbane, Australia August 2010. The Working Group operates in Division 1 Soils in Space and Time, under the auspices of the Commissions on Soil Geography (C1.2) and Pedometrics (C1.5).

Membership

The Working Group is open to any IUSS member with an interest in developing and progressing international soil information standards.

Mission

To develop, promote and maintain internationally recognised and adopted standards for the collection, capture and exchange of consistent, harmonized soils data and information.

Goals

The Working Group on Soil Information Standards provides leadership and focus in the area of information standards for storage, transfer and collation of soils data and information. This will increase the accessibility and use of soil data and information for cross-sectoral issues such as sustainable food production, climate change, water management, energy production and biodiversity conservation.

WG SIS will support the community of soil data holders to make a continuously increasing amount of soil data and information accessible using web services, or platforms and tools

The Working Group will support development of a global soil information model, a soil vocabulary service, and a registry of available soil data and information services which will facilitate national, regional and local interoperability and integration of soils data and information.

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