

Integration of Public Borehole Information Databases in Kanto Region

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In the Kanto region, some local governments, such as the prefectures of Tokyo, Gunma, Tochigi and Kanagawa and the City of Kawasaki, share their borehole data on the Internet.

It is convenient for users if they are not only able to view underground structure data, registered in the portal site, and public borehole data of other organization, posted on the Internet, displayed concurrently on the map but also allowed to browse borehole data held by other organizations through portal site access. This can be beneficial for data providers as well.

To link with borehole data of local governments posted on the Internet, a function that registers metadata, such as borehole data location and total excavation length, is added to the portal site. This allows URLs of public borehole data to be associated.

Keywords: underground structure, database, borehole data, geophysical exploration, metadata, portal site