

Groundwater and Geophysical survey: overview and future

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Recently, geophysical exploration to probe groundwater is conducted by various users. But, the interpretation may be difficult for geophysical, hydrological and geological researchers. That is a reason why we held this special session, 'Groundwater and Geophysical Exploration'. We hope many people will introduce case studies, interpretations of the geophysical groundwater explorations by various researchers and engineers, and discuss about the problems and future.

In this presentation, we summarize the recent situation about geophysical surveys for groundwater researches. We give an overview of recent presentations related to this topics based on the proceedings at the meetings by three different societies: Society of Exploration Geophysics of Japan, Japanese Association of Groundwater Hydrology and Japan Society of Engineering Geology. Then, we would like to discuss with audiences about the future of this topics.