

## **Evaluating Influence of Underground Construction on Groundwater Flow Interruption**

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This paper describes an evaluation method for groundwater flow preservation caused by an underground construction in urban area. We proposed coefficient to modify the discrepancy by each testing method after the evaluation of hydraulic conductivity. We implemented a model to consider appropriate countermeasures by construction method in the proposed program, and conducted verification. We developed an analytical tool to consider staged-construction and large area, and conducted verification to use the actual measured data.