

O218-001

Room: 202

Time: May 27 13:45-14:00

A trend of investigation methods for understanding ground flow system

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In the safety assessment for a geological disposal of long-lived radioactive waste such as high-level radioactive waste it is important to develop the method evaluating of groundwater flow effect on the repository system. Japan Atomic Energy Agency has investigated more than 500 literatures to summarize 70 investigative techniques for effectiveness on the evaluation of geological and hydrological environment in the form of two-dimensional matrix table. As a result it demonstrate that electric prospecting techniques have been commonly used for evaluating of the groundwater flow system in the geophysical survey field in the past.