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GPR imaging for shallow underground geology: their present state and problems

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Ground penetrating radar (GPR) is a geophysical profiling method based on propagation and reflection of electromagnetic waves. This method is recently used for geological survey of Quaternary sediments and investigation of active faults, because it is effective for the imaging of the shallow underground. In our talk, we would like to review past Quaternary studies using GPR and discuss their present state and problems.