

عنوان مقاله:

An Overview of Relationship between Hydro-Thermo-Mechanical Soil Parameters and Electrical Resistivity

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نویسندگان:

Sonu Singh - *Department of Civil Engineering National Institute of Technology Hamirpur, India*

Vijay Shankar - *Department of Civil Engineering National Institute of Technology Hamirpur, India*

Joseph Tripura - *Department of Civil Engineering, National Institute of Technology Patna, India*

خلاصه مقاله:

With an emphasis on establishing a connection between electrical and sub-surface hydro-geophysical features of soils, a critical evaluation of electrical resistivity technique applications is conducted in the current work. In order to identify diverse subsurface soil characteristics at different stratifications, the electrical resistivity approach is a widely utilized geophysical method that is extensively adopted in various Earth landforms. The assessment of sub-surface hydro-geophysical features of soils, on the other hand, offers information on the hydrogeological and geological properties including the classification of aquifer types, groundwater pollution, and seismic data. The vast majority of the information compiled in this work may help the researchers better understand some basic fundamental issues relating the hydrogeology.

کلمات کلیدی:

ERT Survey, Correlations, Soil Properties, Hydraulic Characteristics

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