

Download Geotechnical Engineering For Cold Regions

Geotechnical engineering utilizes the disciplines of rock and soil mechanics to investigate subsurface and geologic conditions. These investigations are used to design, and build foundations, earth structures, and pavement sub-grades. Offshore geotechnical engineering is a sub-field of geotechnical engineering. It is concerned with foundation design, construction, maintenance and decommissioning for human-made structures in the sea. Oil platforms, artificial islands and submarine pipelines are examples of such structures. The seabed has to be able to withstand the weight of these structures and the applied loads. The Canadian Geotechnical Society is the leading organization for geotechnical engineering and related geoscience in Canada. The CGS is dedicated to the advancement of knowledge and the creation of opportunities to exchange information among individuals from academia (both faculty and students), consulting, government, industry, contractors, and various providers of geotechnical-related ... ASCE publishes technical and professional books for every stage of your career. Both e-book and print options are available. View Publications Catalog. - Geotechnical Engineering For Cold Regions