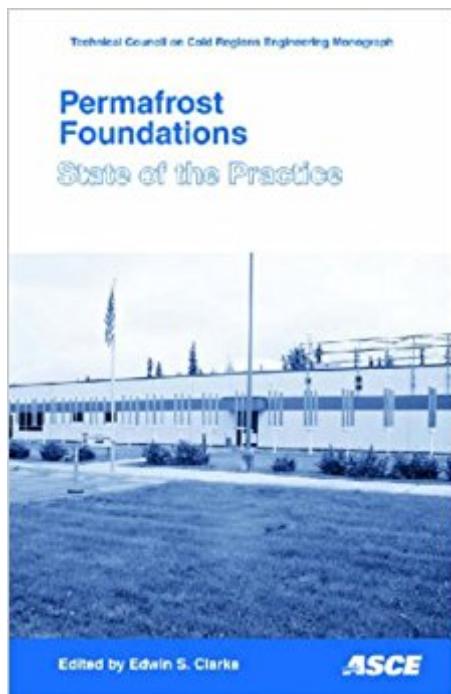The book was found

Permafrost Foundations: State Of The Practice

Synopsis

As building expands in the northern latitudes, it is critical to get information about soil conditions and geotechnical and structural issues in the hands of those dealing with the many challenges of building on frozen soils. Permafrost Foundations: State of the Practice presents the most current techniques used to design and construct foundations on permafrost. Failure to understand the complexity of technical issues involved in building under these extreme conditions can start with the settlement or jacking of the soils, and result in conditions ranging from sloping buildings to swayback roofs to complete structural collapse. This monograph includes eight chapters, which present the authors experiences in both the design and remedial actions required for the continued successful performance of these systems. It will be beneficial to geotechnical engineers, structural engineers, and anyone involved in design and construction on frozen soils.

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