



## Retrait-gonflement des argiles dans le bassin de Mila, Algérie

By Djamel Athmania

Editions Universitaires Europeennes EUE Mai 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x10 mm. This item is printed on demand - Print on Demand Neuware - Abstract In Mila Province, Algeria (a.k.a Mila Wilaya), sensitive clays presenting shrinkage-swelling phenomena are widespread, covering large areas. Due to this, constructions and infrastructures sustainability built on such soils is questionable. Such clays sensitivity is amplified by seasonal rainfall deficits which reaches extreme magnitudes. In order to develop disasters' prevention measures, we present in this work, areas mapping susceptible to shrinkageswelling phenomenon by adopting a French method developed by B R G M. This method takes into account three measurable characteristics: i.e. lithological, mineralogical and geotechnical, of clayey formations identified in the studied sector. Based on these characteristics, three scores are attributed for each formation. Then, the susceptibility index is theobtained score average for each clayey formation. The susceptibility map is established on this index basis with three classes: low, medium, high. 168 pp. Französisch.



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