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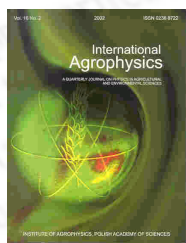
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Shrinkage properties of three clay materials at different temperatures

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abstract This experimental study was performed to obtain a relationship between moisture content and shrinkage potential at different temperatures of three soil materials (quaternary clay and granite loam from southern China and a basin silty loam from Germany). The soil materials were compacted by Proctor test at different water contents and the Proctor compaction curves were obtained. Shrinkage potential (change in bulk density) due to drying at 40 and 105°C was also determined.

keywords clay, loam, landfill capping, Proctor test, shrinkage potential

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