

**Characterization of Some Genetic Soils at South-Western Mountainous Region,
Saudi Arabia**

M. H. A. Al-Awajy, H. A. El-Kady, A. Sh. Sallam and F. S. N. Al-Arife

Abstract

Soils within the southwestern mountainous region in Saudi Arabia display different features and properties as a function of elevation. The latter varies widely and associated with marked simultaneous changes in precipitation, temperature and nature of the flora cover. The interrelation between Taxonomic soil groups, soil moisture and temperature regimes could be broadly tabulated as follows:

Soil great group regimes	Moisture	Temperature
Argiustolls	Ustic	Mesic to thermic
Haplustolls	Ustic	Thermic
Camborthids	Xeric	Thermic
Calcorthids-	Xeric	Therrnic

The systematic classification of these soils from higher to lower categories is given, features and properties of recognized taxonomic units are also discussed.