

The characteristics of soil profile at the steppe of Kherlen River Basin, Northeast Mongolia

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We investigated soils derived from loess in Kherlen River Basin, Mongolia. And we examined the effects of climate and vegetation on the characteristics of soil profiles.

Kastanozems (Chestnuts soils) were distributed under the Steppe in Kherlen River Basin, Mongolia. These soils had calcic horizons (Bk) in soil profiles. In calcic horizons, calcium carbonate was accumulated, and amounts of calcium carbonate increased with decrease of precipitation.