ABSTRACT

Erumeli panchayat situated in Kanjirappally taluk of Kottayam district extends over an area of 9346.08 ha. An area of 4041.08 ha is occupied by forest. The major crop grown in the panchayat is rubber. During the detailed soil survey, four soil series were identified viz., Lakkattoor, Vallichira, Uzhavoor and Kalaketty series. Lakkattoor series covers maximum area of 2962.83 ha.

Five land capability classes and three land irrigability classes are encountered in the panchayat. The major land capability class is IVe and land irrigability class is 4t. Soil erosion is moderate in majority of the areas. Soil conservation measures like terracing; growing cover crops, pineapple etc. were seen adopted in most of the areas. This report includes the soil and land resources of Erumeli panchayat with special emphasis on location specific problems and their management for the integrated development of the area.