Soil and land resource inventory of Kizhuparamba panchayat was undertaken by the Soil Survey wing of the Department of Agriculture during 2008 to assess the resources of the area, to identify the problems and to suggest suitable development programmes for sustained and integrated development of the area.

Kizhuparamba panchayat is located in Ernad taluk of Malappuram district and extends over 1505.0 ha. The panchayat is part of the midland and midupland tract. The garden land covers an area of 987.94 ha and is cultivated with coconut, arecanut, cashew, rubber, banana, vegetables, etc. The wetland extends over 112.76 ha. Paddy is the main crop cultivated. An area of 142.14 ha of the original wetlands was converted for cultivating arecanut, coconut, vegetables, betelvine, banana, tapioca, etc or for construction purpose. Forest occupies 142.14 ha of the panchayat.

The soil series identified in the garden land are Irimpiliyam, Mannamkulam, Vattallur, Pazhamallur, Kuttil, Angadipuram and Chaliyar. The major portion of the garden land is under Vattallur series (337.15 ha) followed by Angadipuram series (285.46 ha). Valampur (84.58 ha) and Ramapuram (28.18 ha) are the soils identified in the wetlands. The soils in the converted wetlands were grouped as Miscellaneous soils.

Based on the characteristics of the soils, land capability subclasses IIw, Ille, Illes, IVe, IVes, Vle and Vles and land irrigability subclasses 2d, 2t, 3st, 4t, 4st, 6t and 6st were recognized in the panchayat. IVes and 4st are the predominant land capability class and land irrigability class respectively. Other interpretative studies like hydrologic grouping, crop suitability, fertility and production potential of the soils are also included in the report. The problems encountered in the panchayat are dealt with briefly. Interpretative maps are appended.