

4.4.6 Zone 6: Coastal Plain Subsistence Farming Area

This part of the coastal plain in the south of the study area consists of a narrow band between the coast and Lake Chubu. **Figure 56** indicates that the zone falls primarily outside the EMF Study Area. The zone is under tribal land tenure and is predominantly used for subsistence farming with the occasional woodlots. The communities in this area are highly dependent on natural resources and needs security of access to these resources.

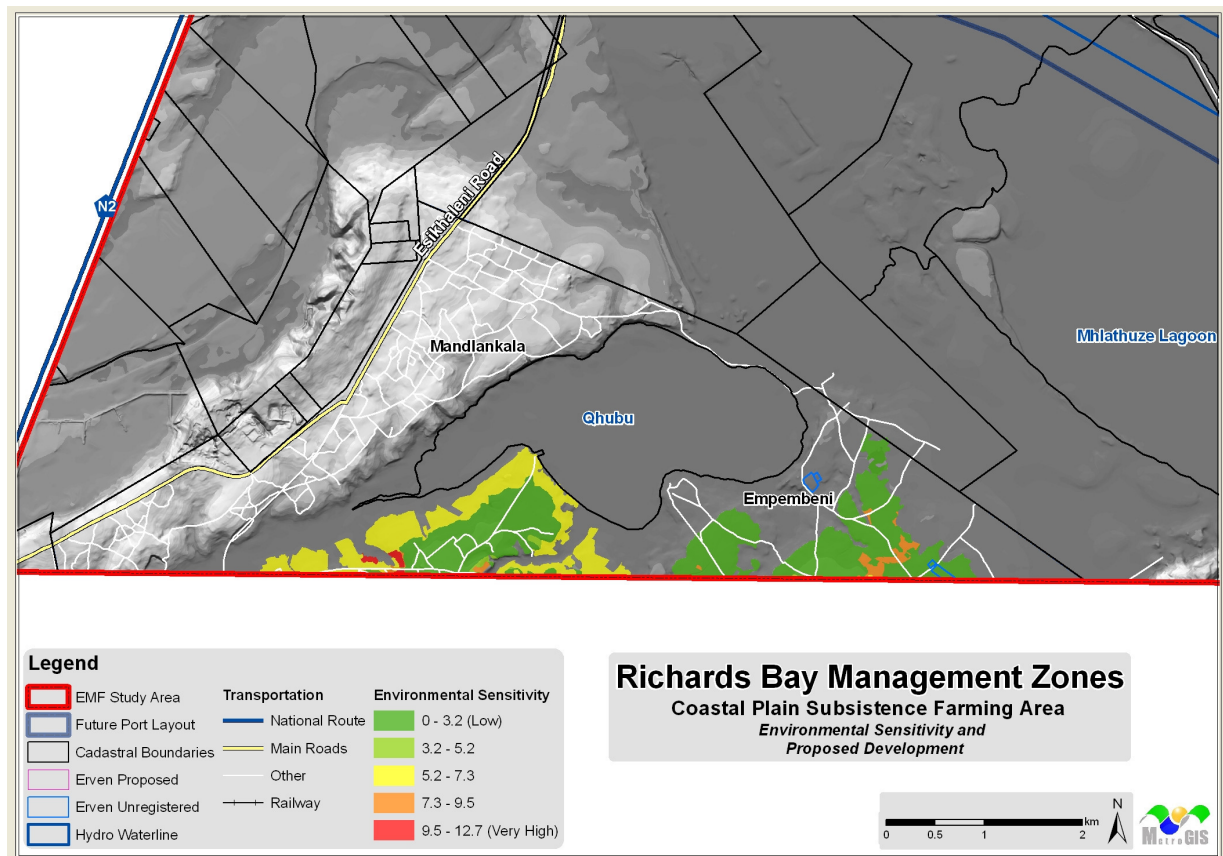


Figure 56: ZONE 6: Coastal Plain Subsistence Farming Area (Environmental Sensitivity and Proposed Land Use)

CONSTRAINTS IN THIS ZONE:

The water table in this zone is very close to the topographical surface in the area and is exposed in many areas. The areas on the north-eastern side of Lake Chubu fall are subject to flooding during extreme rainfall events (it falls within the 1:100 year floodline). This presents constraints for development. Considering the sea level rise projections for the area, it is likely that these areas will be compromised and future communities which reside on this land will be at risk in the future.

Lack of sanitation and waste services may impact on water quality of the lake and contaminate the groundwater resource. Future dune mining activities adjacent to this area may negatively influence subsistence opportunities as access to resources may be restricted.

OPPORTUNITIES IN THIS ZONE:

Small-scale subsistence farming and woodlots are possibly the primary opportunity in this zone.

POTENTIAL CONFLICTS BETWEEN OPPORTUNITIES:

Over-utilisation of resources is a potential conflict which needs to be addressed.