**Major NRM issues :**

**AESR 17.1 :** The region is warm to hot moist humid to perhumid ESR with medium to deep loamy to clayey Red and Lateritic soils, medium AWC and LGP 270-300+ days in a year.

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| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| East Garo Hills | Water erosion under open forest & Acid soils under open forest | Soil deficient in N, P & K | GW Contaminated with Fe, silting of water bodies | Deforestation & biodiversity loss. |
| East Khasi Hills | Acid soils under open forest | Soil deficient in N & K | GW Contaminated with Fe, silting of water bodies | Deforestation & biodiversity loss. |
| Jaintia Hills | Acid soils under open forest | Soil deficient in N, P, Zn, Fe, Cu, Mn, B & S | GW Contaminated with Fe, silting of water bodies | Deforestation & biodiversity loss. |
| Ri Bhoi | Acid soils under open forest | Soil deficient in N & P | GW Contaminated with Fe, silting of water bodies | Deforestation & biodiversity loss. |
| South Garo Hills | Acid soils under open forest | Soil deficient in N, P & K | GW Contaminated with Fe, silting of water bodies | Deforestation & biodiversity loss. |
| West Khasi Hills | Water erosion under open forest & Acid soils under open forest | Soil deficient in P & S | GW Contaminated with Fe, silting of water bodies | Deforestation & biodiversity loss. |