**Major NRM issues :**

**AESR 2.1:** The region is hyper arid ESR with shallow and deep sandy desert soils very low AWC and LGP < 60 days in a year.

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| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Barmer | Exclusively wind erosion | Low in OC, Soil deficient in N, P, Zn & Fe | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought |
| Bikaner | Exclusively wind erosion | Low in OC, Soil deficient in Zn, Fe, Mn & S | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought |
| Ganganagar | **-** | Low in OC & Soil deficient in Zn | Saline, GW Contaminated with F, NO3, As& Fe | Moderate Drought |
| Hanumangarh | **-** | Low in OC, Soil deficient in N & P | Saline, GW Contaminated with F, NO3 & Fe | Severe Drought |
| Jaiselmer | Exclusively wind erosion | Low in OC, Soil deficient in N, P, Zn, Fe & S | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought |
| Jodhpur | Exclusively wind erosion | Low in OC, Soil deficient in N, Zn & Fe | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought |

**AESR 2.3:** The region is hot typic- arid ESR with deep, loamy desert soils (inclusion of saline phase), low AWC and LGP 60-90 days in a year.

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| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Churu | Exclusively wind erosion | Low in OC, Soil deficient in N, P, Zn, Fe & S | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought & Flood |
| Jalor | **-** | Low in OC, Soil deficient in N, P & Fe | Saline, GW Contaminated with F & NO3 | Severe Drought & Cyclone |
| Hanumangarh | **-** | Low in OC, Soil deficient in N & P | Saline, GW Contaminated with F, NO3 & Fe | Severe Drought |
| Jhunjhunun | **-** | Low in OC, Soil deficient in N, Zn & Fe | Saline, GW Contaminated with F, NO3 & Fe | Severe Drought |
| Jodhpur | Exclusively wind erosion | Low in OC, Soil deficient in N, Zn & Fe | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought |
| Pali | **-** | Low in OC & Soil deficient in N, Zn, Fe, B & S | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought |
| Sikar | Exclusively wind erosion | Low in OC, Soil deficient in N, P & Fe | Saline, GW Contaminated with F, NO3 & Fe | Severe Drought |
| Sirohi | Exclusively wind erosion | Low in OC, Soil deficient in N, P, Zn, Fe & B | Saline, GW Contaminated with F, NO3 & Fe | **-** |
| Nagaur | Exclusively wind erosion | Low in OC, Soil deficient in N, Fe & B | Saline, GW Contaminated with F, NO3 & Fe | Extreme Drought & Flood |