Major NRM issues :

AESR 15.2 : The region is hot humid ESR with deep, loamy to clayey alluvium-derived soils, medium AWC and LGP 240-270 days in a year.

Districts	***Land degradation***	***Soil health & fertility***	***Water related constraints***	***Environmental constraints***
Baksa	Exclusively water erosion	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with As	-
Barpeta	Exclusively water erosion & Waterlogged	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with As	Highly prone to drought & flood
Darrang	Exclusively water erosion	Soil Deficient in B, S, P & K	Mostly Rainfed, GW Contaminated with As	Highly prone to drought & flood
Kamrup	Waterlogged, Exclusively water erosion	Soil Deficient in B, P & K	Mostly Rainfed, GW Contaminated with F, As & Fe	Highly prone to flood
Marigaon	Water erosion	Soil Deficient in B, P & K	Mostly Rainfed, GW Contaminated with As, Fe	Highly prone to Flood & Drought
Nagaon	Exclusively water erosion & Waterlogged	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with F, As, Fe	Highly prone to flood & cyclone
Nalbari	Exclusively water erosion & Waterlogged	Soil Deficient in B, P & K	Mostly Rainfed, GW Contaminated with As, Fe	Highly prone to flood & cyclone
Sonitpur	Exclusively water erosion	Soil Deficient in P & K	Mostly Rainfed, GW Contaminated with As, Fe	Highly prone to flood
Udalguri	Exclusively water erosion	Soil Deficient in B, P & K	Mostly Rainfed,	-

AESR 15.3 : The region is hot moist humid to perhumid ESR with deep, loamy to clayey alluvium derived soils, medium AWC and LGP 270-300 days in a year.

Districts	***Land degradation***	***Soil health & fertility***	***Water related constraints***	***Environmental constraints***
Bongaigaon	Exclusively water erosion	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with F, As	Highly prone to flood
Cachar	Acid Soil under water erosion & Acid Soil under open forest	Soil Deficient in B & P	Mostly Rainfed, GW Contaminated with As, Fe	Highly prone to drought & flood
Dhubri	Exclusively water erosion	Soil Deficient in B & P	Mostly Rainfed, GW Contaminated with As, Fe	Highly prone to flood
Goalpara	Exclusively acid soils	Soil Deficient in B & P	Mostly Rainfed, GW Contaminated with F, As, Fe	Highly prone to drought & flood
Hailakandi	Exclusively acid soils & water erosion	Soil Deficient in B & P	Mostly Rainfed, GW Contaminated with As, Fe	Highly prone to flood
Karimganj	Acid soils & water erosion	Soil Deficient in B, P & K	Mostly Rainfed, GW Contaminated with F, As, Fe	Highly prone to flood
Kokrajhar	Exclusively water erosion	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with Fe	Highly prone to flood

AESR 15.4 : The region warm to hot perhumid ESR with moderately deep to deep loamy, alluvium-derived soils, medium AWC and LGP 300 days in a year.

Districts	***Land degradation***	***Soil health & fertility***	***Water related constraints***	***Environmental constraints***
Chirang	Exclusively water erosion	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed,	Moderately prone to flood
Dhemaji	Exclusively water erosion	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with Fe, As	Highly prone to flood
Dibrugarh	Acid soils under water erosion &	Low in OC, Soil Deficient in B, N,	Mostly Rainfed,	Highly prone to flood

	Waterlogged	P & K		
Golaghat	Acid soils under water erosion & Waterlogged	Soil Deficient in B & P	Mostly Rainfed, GW Contaminated with Fe, As	Highly prone to flood
Jorhat	Acid soils under water erosion & Waterlogged	Soil Deficient in B, P & K	Mostly Rainfed, GW Contaminated with F	Highly prone to flood
Karbi Analog	Exclusively water erosion	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with F, Fe	Highly prone to Flood
Lakhimpur	Exclusively water erosion	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with Fe, As	Highly prone to flood
Sibsagar	Exclusively acid soils&Waterlogged	Low in OC, Soil Deficient in B, N, P & K	Mostly Rainfed, GW Contaminated with F, Fe	Highly prone to Flood & Drought
Tinsukia	Acid soils under water erosion	Low in OC, Soil Deficient in N, P & K	Mostly Rainfed,	Highly prone to flood

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.

Districts	***Land degradation***	***Soil health & fertility***	***Water related constraints***	***Environmental constraints***
N.C Hills	Water erosion under open forest	Low in OC, Soil Deficient in B, P & K	Mostly Rainfed, GW Contaminated with Fe & As	Highly prone to Flood & Drought