**Chandigarh**

Chandigarh comprises of Agro Ecological Region (AER) 9.

**Agro-Eco Region 9 :** AER 9 in Chandigarh comprises of Chandigarh district of Northern Plain under Agro Ecological Sub Region (AESR) 9.1.

**AESR 9.1 :** The region is hot dry/moist subhumid transitional ESR with deep, loamy to clayey alluvium-derived (inclusion of saline and sodic phases) soils, medium AWC and LGP 120-150 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Chandigarh | Exclusively water erosion |  |  | **-** |

**Chhattisgarh**

Chhattisgarh comprises of two Agro Ecological Region (AER)11 & 12.

**Agro-Eco Region 11:** AER 11 in Chhattisgarh comprises of Bilaspur, Dhamtari, Raigarh, Durg, Korba, Janjgir Champa, Jashpur, Kawardha, Korea, Mahasamund, Raipur, Rajnandgaon and Surguja, Bijapur, Bastar, Dabtewara, Narayanpur and Kanker districts of Eastern Plateau under Agro Ecological Sub Region (AESR) 11.

**Agro-Eco Region 12 :** AER 12 in Chhattisgarh comprises of Bijapur, Bastar, Dabtewara, Narayanpur and Kanker districts of Eastern Plateau and Eastern Ghats under Agro Ecological Sub Region (AESR) 12.1.

**AESR 11 :** The region is hot moist/dry subhumid transitional ESR with deep loamy lto clayey Red and Yellow soils, medium AWC and LGP 150-180 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Bilaspur | **-** | Soil deficient in N | Saline GW Contaminated with F, NO3, Fe | **-** |
| Dhamtari | - | Low in OC , Soil deficient in N & S | GW Contaminated with F, NO3, Fe | **-** |
| Raigarh | **-** | Low in OC, Soil deficient in N & P | GW Contaminated with F, NO3, Fe | **-** |
| Durg | **-** | - | GW Contaminated with F, Fe | **-** |
| Korba | **-** | Soil deficient in N & P | GW Contaminated with F, NO3, Fe, heavy metals | **-** |
| Janjgir Champa | **-** | Low in OC & Soil deficient in N | GW Contaminated with Fe | **-** |
| Jashpur | Exclusively water erosion | Low in OC, Soil deficient in N, B & P | GW Contaminated with F, NO3, Fe | **-** |
| Kawardha | **-** | Low in OC, Soil deficient in N, S & P | GW Contaminated with NO3, Fe | **-** |
| Korea | **-** | Low in OC, Soil deficient in N | GW Contaminated with F, Fe | **-** |
| Mahasamund | **-** | Soil deficient in N | GW Contaminated with F, NO3, Fe | **-** |
| Raipur | **-** | Low in OC, Soil deficient in N | GW Contaminated with NO3, Fe | **-** |
| Rajnandgaon | **-** | Low in OC, Soil deficient in N & Zn | GW Contaminated with F, NO3, As, Fe | **-** |
| Surguja | **-** | Low in OC, Soil deficient in N & Zn | GW Contaminated with F, Fe | **-** |

**AESR 12.1 :** The region is hot moist sub humid ESR with deep loamy Red and Lateritic soils, low to medium AWC and LGP 180-210 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Bijapur | **-** | **-** | GW Contaminated with F, NO3, Fe | **-** |
| Bastar | Acid soils under water erosion | Soil deficient in N, Zn & S | GW Contaminated with F, NO3, Fe | **-** |
| Dabtewara | **-** | **-** | GW Contaminated with NO3, Fe | **-** |
| Narayanpur | **-** | Soil deficient in N | **-** | **-** |
| Kanker | **-** | Low in OC & Soil deficient in Zn | GW Contaminated with F, NO3, Fe | **-** |