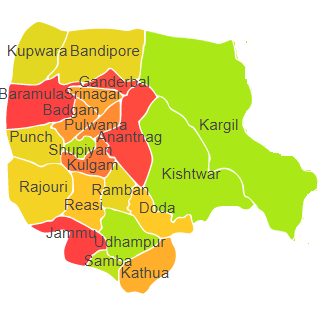
**Jammu & Kashmir**

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Jammu & Kashmir comprises of Agro Ecological Region (AER) 14.

**Agro-Eco Region 14 :** AER 14 in Jammu & Kashmir comprises of Anantnag, Baramula, Chilas, Gilgit Wazarat, Jammu, Kathua, Muzaffarabad, Punch, Riasi, Tribal Territory and Udhampur districts of Western Himalayas under Agro Ecological Sub Regions (AESR) 14.1 and 14.2.

**AESR 14.1 :** The region is cold and warm by dry semi-arid/dry subhumid ESR with shallow to medium deep loamy Brown Forest and Podzolic soils, low to medium AWC and LGP 90-120 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Anantnag | Exclusively water erosion &Waterlogged | Soil deficient in K, Zn, Fe, Cu, Mn, B & S | GW Contaminated with NO3 | **-** |
| Chilas | **-** | **-** | - | **-** |
| Gilgit Wazarat | **-** | **-** | - | **-** |
| Muzaffarabad | Exclusively water erosion | **-** | - | **-** |
| Tribal Territory | **-** | **-** | - | **-** |

**AESR 14.2 :** The region is warm moist to dry subhumid transitional ESR with medium to deep loamy to clayey Brown Forest and Podzolic soils, medium AWC and LGP 150-210 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Anantnag | Exclusively water erosion & Water erosion under open forest | Soil deficient in K, Zn, Fe, Cu, Mn, B & S | GW Contaminated with NO3 | **-** |
| Baramula | **-** | Soil deficient in B | GW Contaminated with Fe | **-** |
| Jammu | Exclusively water erosion & Water erosion under open forest | Soil deficient in P | GW Contaminated with F, NO3,As, Fe & Heavy Metals | **-** |
| Kathua | Exclusively water erosion | Soil deficient in P & K | Mostly Rainfed , GW Contaminated with F, NO3,As, Fe & Heavy Metals | **-** |
| Muzaffarabad | Exclusively water erosion | **-** | - | **-** |
| Punch | Exclusively water erosion | Soil deficient in P & B | Mostly Rainfed | **-** |
| Riasi | Exclusively water erosion & Water erosion under open forest | Soil deficient in P & S | Mostly Rainfed | **-** |
| Udhampur | Exclusively water erosion & Water erosion under open forest | Soil deficient in Mn & S | Mostly Rainfed , GW Contaminated with Fe | Extreme Drought |

**Organization and Establishments for Technology Backstopping**

***ICAR Research Institutes:***

|  |  |
| --- | --- |
| [ICAR-Central Institute of Temperate Horticulture, Srinagar](http://cith.icar.gov.in/) | <https://cith.icar.gov.in/> |
| KVK Portal | <https://kvk.icar.gov.in/> |

***SAUs/CAUs:***

|  |  |
| --- | --- |
| [Sher-e-Kashmir University of Agricultural Science & Technology, Srinagar](http://skuastkashmir.net/) | <https://skuastkashmir.co.in/> |
| [Sher-e-Kashmir University of Agricultural Science & Technology, Jammu](http://www.skuast.org/) | <https://www.skuast.org/> |

***List of KVKs:*** <https://icar.org.in/content/jammu-and-kashmir>

***List of Soil testing Laboratories****:* <https://farmer.gov.in/STLDetails.aspx?State=1>