**Anderson Level I classification:**

1. Urban or Built Urban or Built-up Land
2. Agricultural
3. Rangeland
4. Forest Land
5. Water
6. Wetland
7. Barren Land
8. Tundra
9. Perennial Snow or Ice

**Land use recoding for Jiaxing and Lishui**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Old Parent Class** | **Old Class** | **Pixel Value** | **New Class** | **Cell Value** |
| Grassland | Grass | 23 | Rangeland | 3 |
| Herbaceous green space | 24 | Rangeland | 3 |
| Wetlands | Herbaceous wetlands | 33 | Wetland | 6 |
| Lake | 34 | Water | 5 |
| Reservoir/pit | 35 | Water | 5 |
| River | 36 | Water | 5 |
| Canal | 37 | Water | 5 |
| Arable land | Paddy field | 41 | Agriculture | 2 |
| Dry land | 42 | Barren land | 7 |
| Artificial Surface | Residential | 51 | Urban | 1 |
| Industrial | 52 | Urban | 1 |
| Transportation | 53 | Urban | 1 |
| Mining farm | 54 | Urban | 1 |
| Other | Bare rock | 65 | Barren land | 7 |
| Bare soil | 66 | Rangeland | 3 |
| Woodland | Evergreen broad-leaved forest | 101 | Forest land | 4 |
| Deciduous broad-leaved forest | 102 | Forest land | 4 |
| Evergreen coniferous forest | 103 | Forest land | 4 |
| Deciduous coniferous forest | 104 | Forest land | 4 |
| Coniferous and broad-leaved mixed forest | 105 | Forest land | 4 |
| Evergreen broad-leaved shrub forest | 106 | Forest land | 4 |
| Deciduous broad-leaved forest | 107 | Forest land | 4 |
| Evergreen coniferous forest | 108 | Forest land | 4 |
| Arbor | 109 | Rangeland | 3 |
| Bush field | 110 | Rangeland | 3 |
| Arbor green space | 111 | Rangeland | 3 |
| Shrubland | 112 | Rangeland | 3 |