Table 4. The evaluation results of Tai Lake data obtained from different filters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Filter method** | **SPSD** | **SPD** | **Residue** | |
| **Number** | **Removal rate** |
| **Original** | 263970.66 | 284860.09 | 20043 | 0 |
| **Topography adaptive** | 89152.82 | 99709.07 | 9903 | 50.03% |
| **NL-InSAR** | 59937.16 | 54543.61 | 683 | 96.59% |
| **Goldstein** | 74299.38 | 71220.86 | 2836 | 85.85% |
| **Baran** | 69843.58 | 62981.98 | 1785 | 91.09% |
| **Zhao** | 54780.95 | 49292.49 | 1676 | 91.64% |
| **AN-Goldstein** | 69298.44 | 63269.30 | 1841 | 90.81% |
| **Modified LFFE** | 63772.46 | 58822.05 | 1617 | 91.93% |
| **AP-Goldstein** | **47345.82** | **40941.70** | **655** | **96.73%** |