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APPENDIX A: Lafourche Parish SLAMM Results

Lafourche Parish

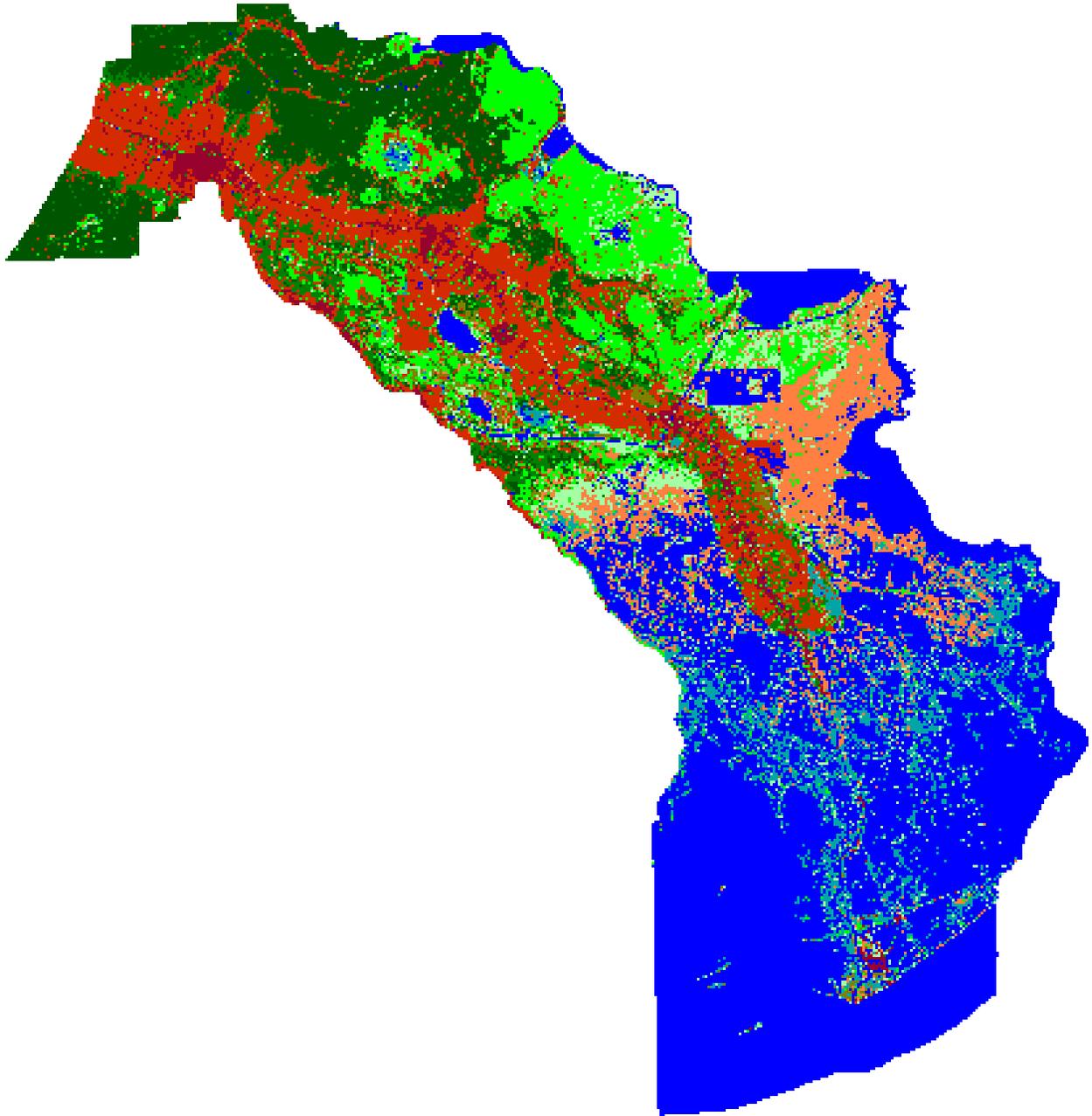
Percent Change in Landcover by 2100

| Dikes, Protect Dry Developed Land | Low Subsidence | | | | High Subsidence | | | |
|--|----------------|-------|-------|-------|-----------------|-------|-------|-------|
| | 0.5 m | 1.0 m | 1.5 m | 2.0 m | 0.5 m | 1.0 m | 1.5 m | 2.0 m |
| Developed Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undeveloped Dry Land | 16 | 24 | 35 | 54 | 29 | 47 | 64 | 78 |
| Swamp | 64 | 72 | 77 | 87 | 74 | 84 | 90 | 95 |
| Cypress Swamp | 70 | 73 | 79 | 98 | 75 | 98 | 98 | 100 |
| Inland Fresh Marsh | 23 | 84 | 90 | 95 | 86 | 93 | 96 | 98 |
| Tidal Fresh Marsh | 21 | 62 | 94 | 97 | 73 | 94 | 97 | 99 |
| Trans. Salt Marsh | -29 | -152 | 71 | 83 | 60 | 78 | 83 | 83 |
| Regularly Flooded Marsh | -54 | -71 | -88 | 9 | -58 | 1 | 52 | 76 |
| Estuarine Beach | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Irreg. Flooded Marsh | 28 | 53 | 84 | 97 | 58 | 87 | 97 | 99 |
| Tidal Flat | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Water | -31 | -49 | -65 | -88 | -54 | -81 | -97 | -109 |

| No Dikes, Protect Dry Developed Land | Low Subsidence | | | | High Subsidence | | | |
|---|----------------|-------|-------|-------|-----------------|-------|-------|-------|
| | 0.5 m | 1.0 m | 1.5 m | 2.0 m | 0.5 m | 1.0 m | 1.5 m | 2.0 m |
| Developed Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undeveloped Dry Land | 69 | 82 | 89 | 95 | 88 | 94 | 97 | 99 |
| Swamp | 93 | 98 | 99 | 99 | 98 | 99 | 99 | 100 |
| Cypress Swamp | 97 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Inland Fresh Marsh | 27 | 93 | 98 | 99 | 95 | 99 | 99 | 100 |
| Tidal Fresh Marsh | 23 | 66 | 97 | 99 | 77 | 97 | 99 | 99 |
| Trans. Salt Marsh | 42 | 13 | 71 | 78 | 68 | 77 | 82 | 87 |
| Regularly Flooded Marsh | -101 | -124 | -140 | -44 | -104 | -45 | 7 | 34 |
| Estuarine Beach | 62 | 85 | 100 | 100 | 80 | 100 | 100 | 100 |
| Irreg. Flooded Marsh | 31 | 57 | 88 | 99 | 62 | 89 | 99 | 99 |
| Tidal Flat | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Water | -47 | -64 | -74 | -84 | -68 | -82 | -91 | -98 |

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

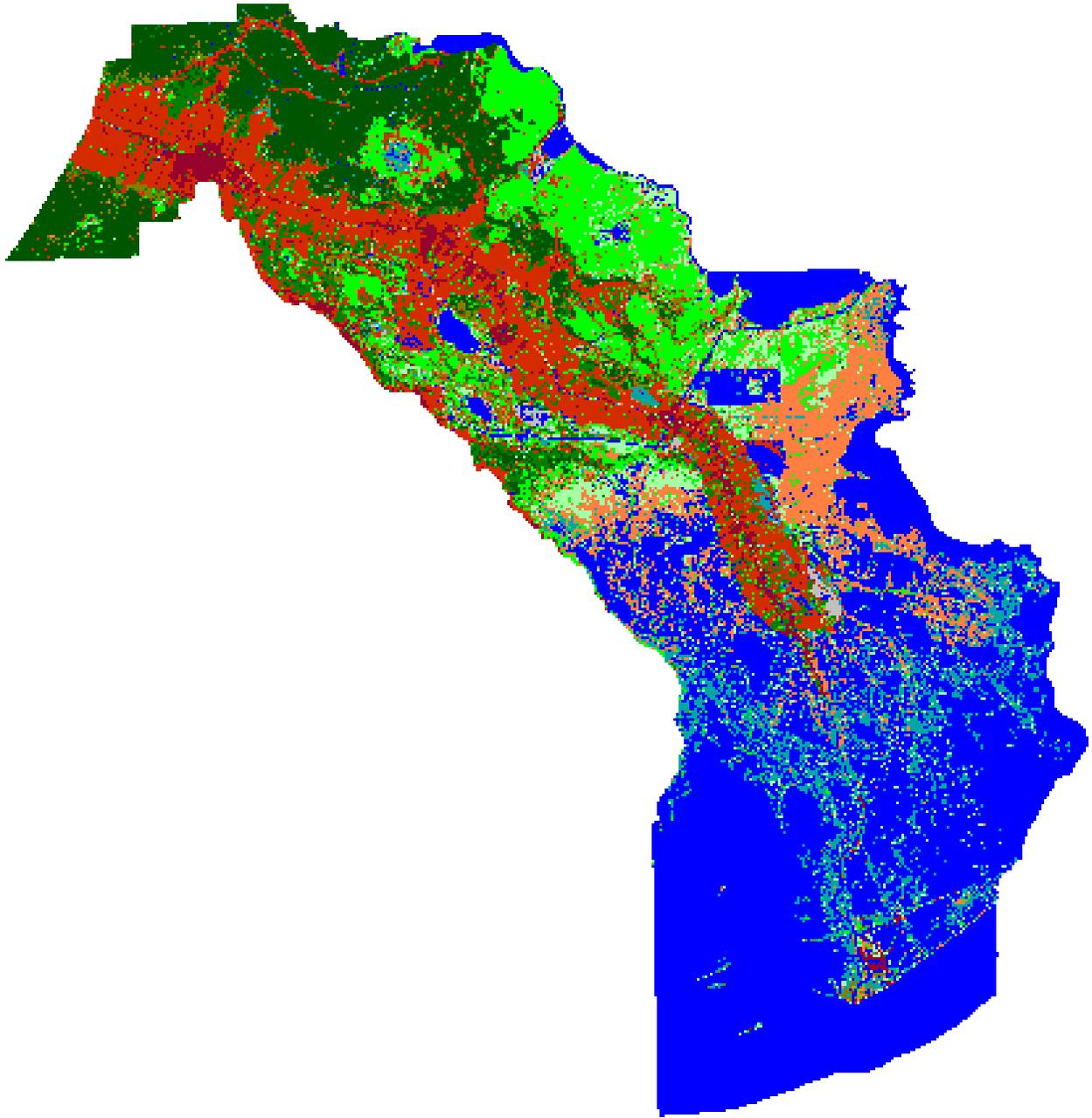


0.5 meter GSLR

2025

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

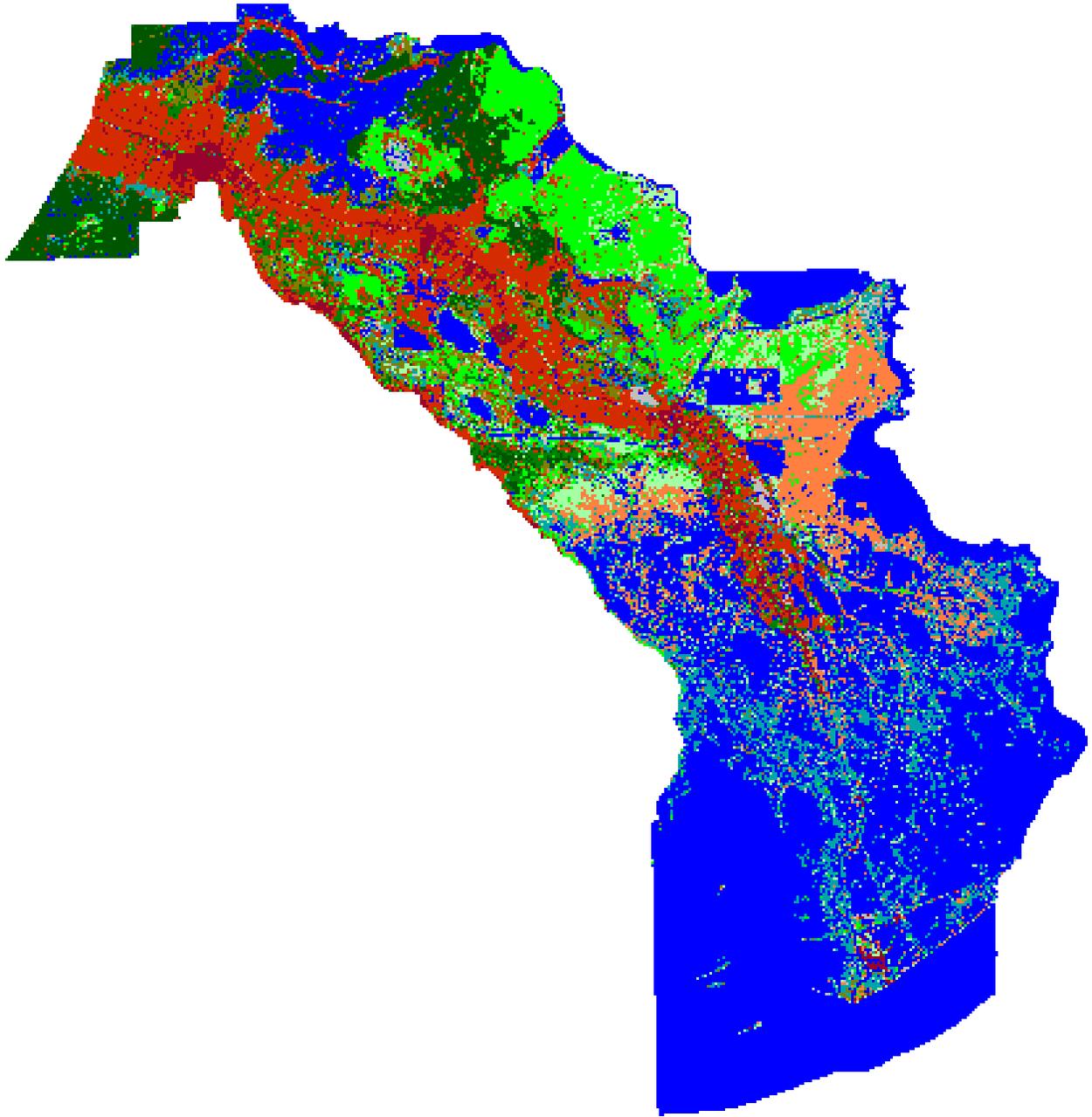


0.5 meter GSLR

2050

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

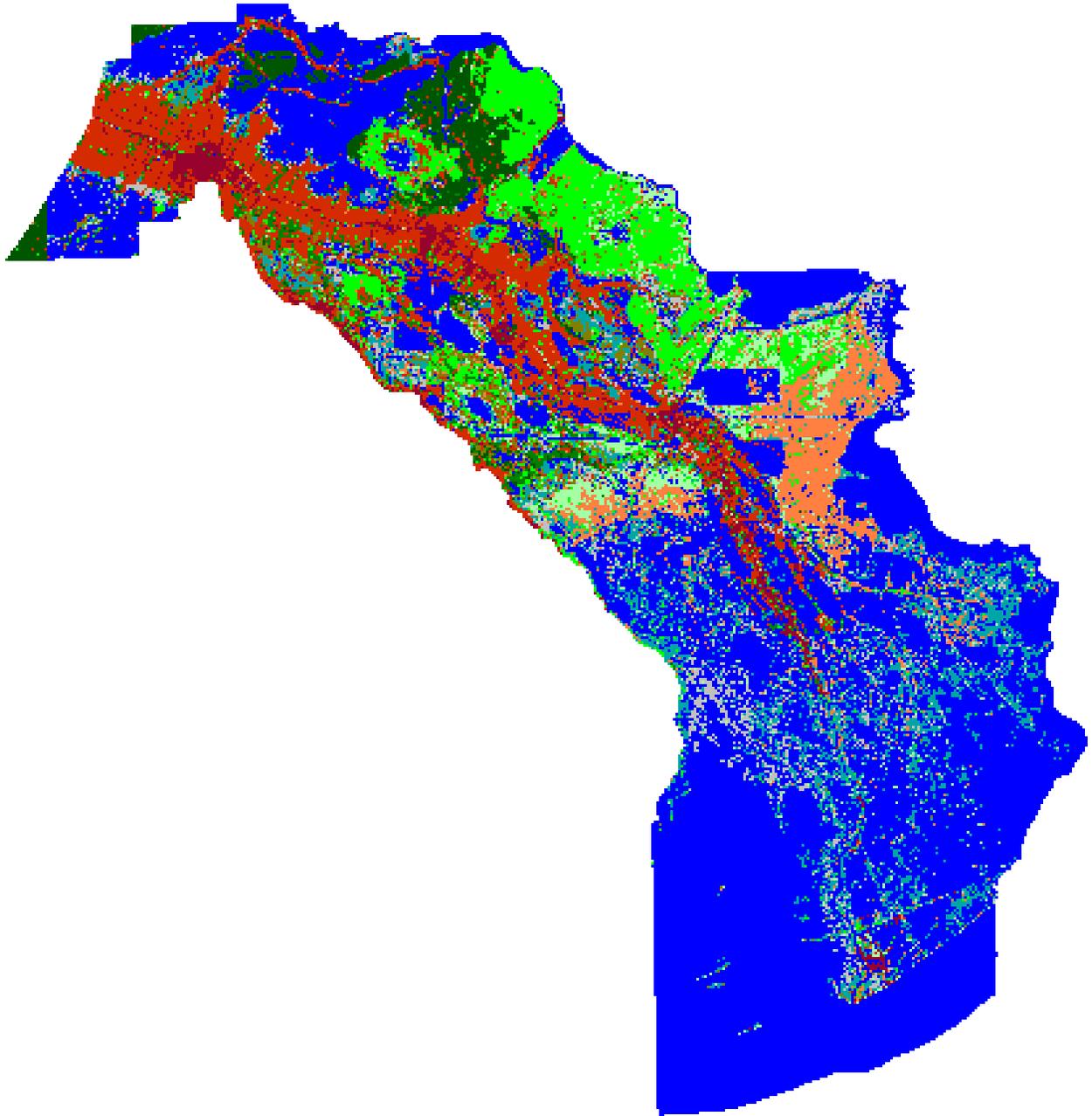


0.5 meter GSLR

2075

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

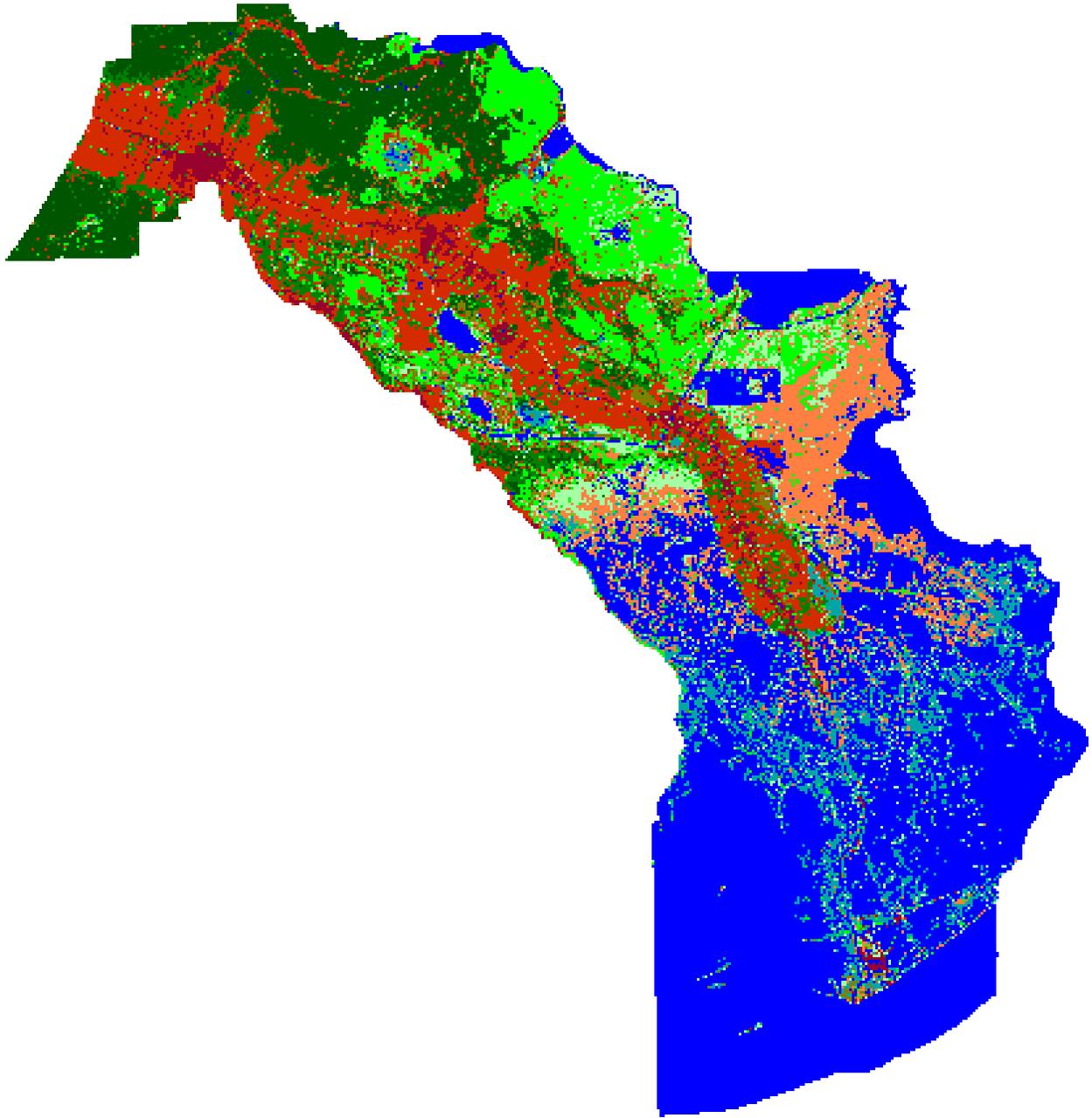


0.5 meter GSLR

2100

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

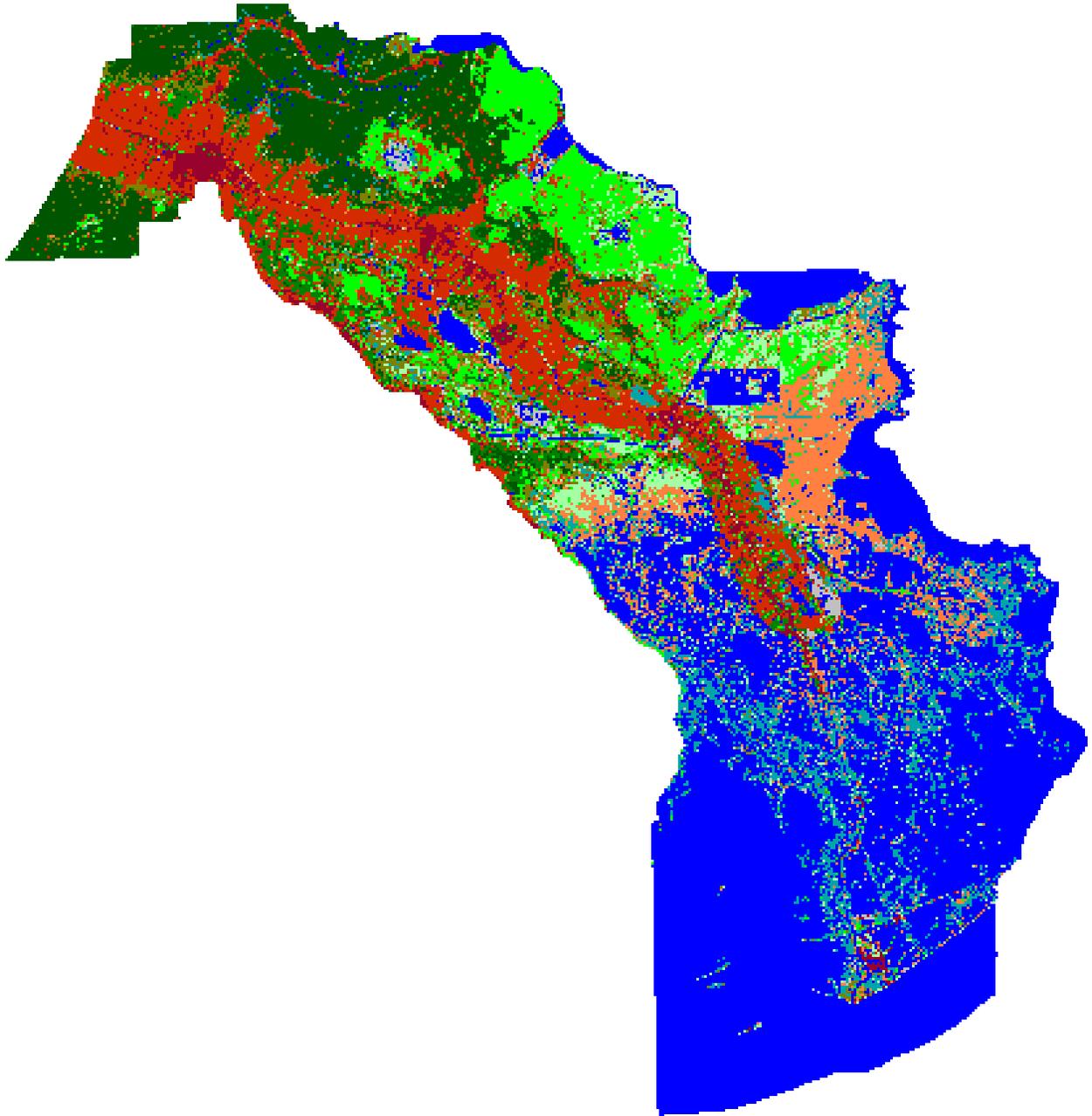


1.0 meter GSLR

2025

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

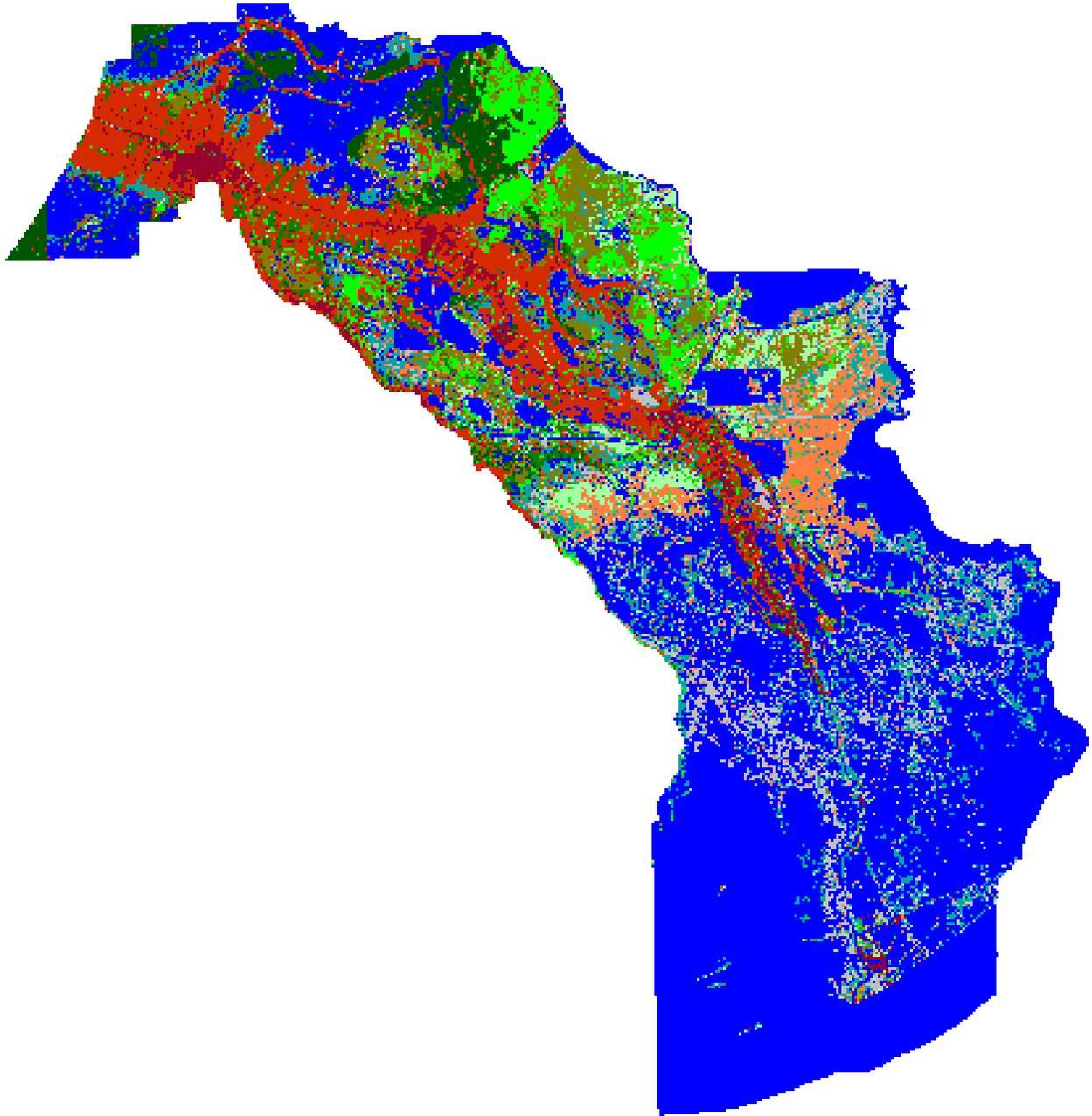


1.0 meter GSLR

2050

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

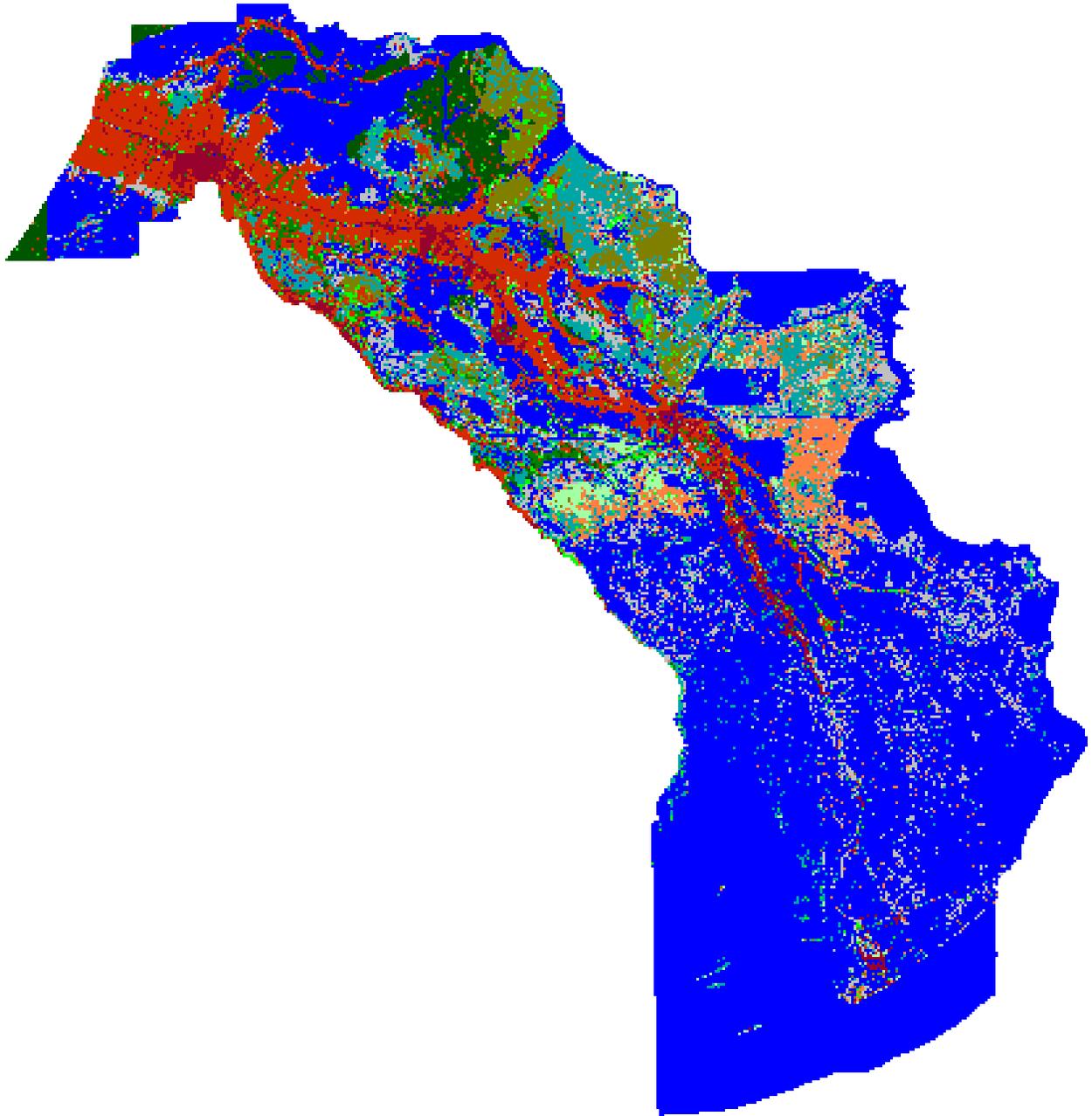


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2075

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

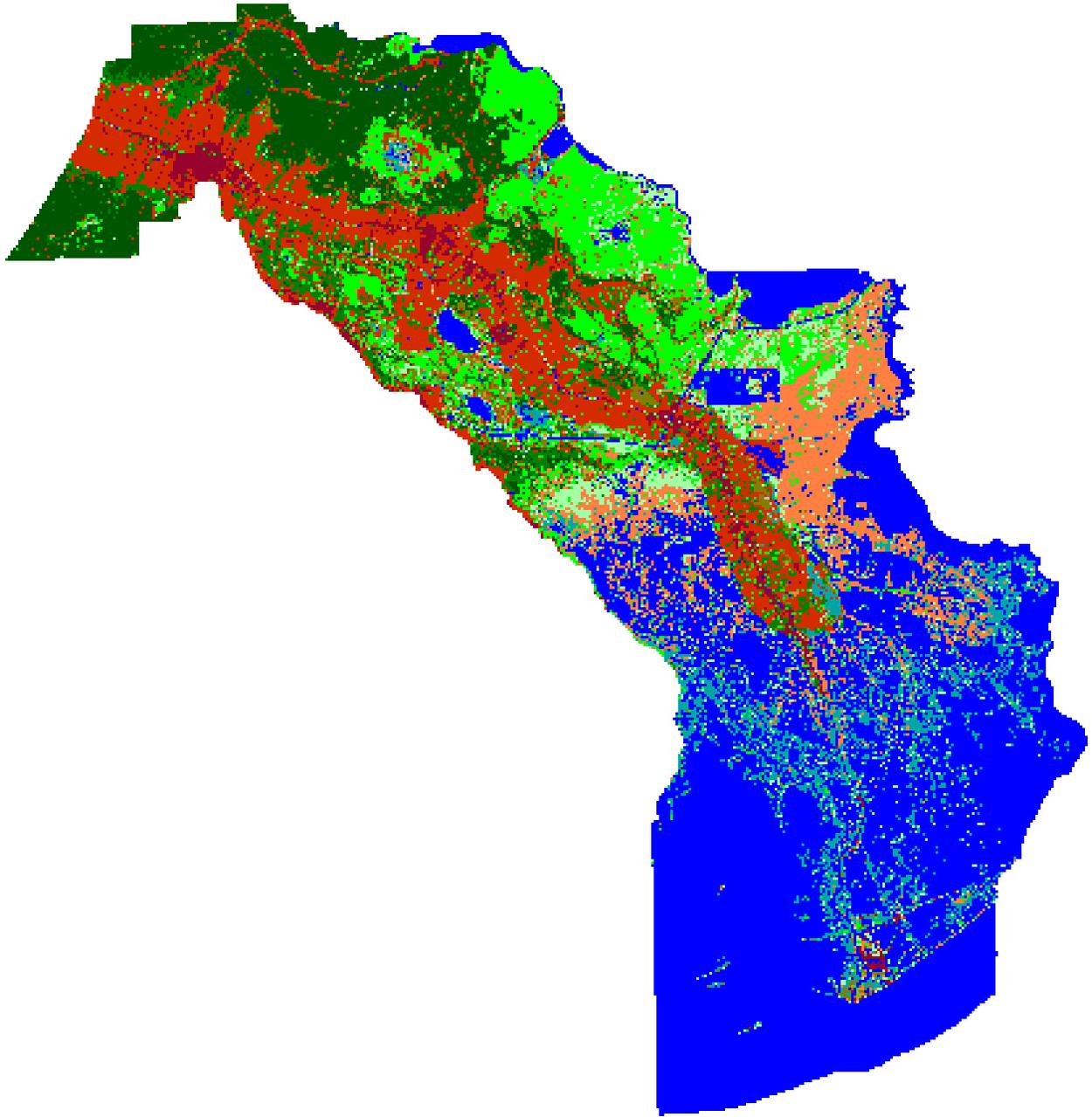


1.0 meter GSLR

2100

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

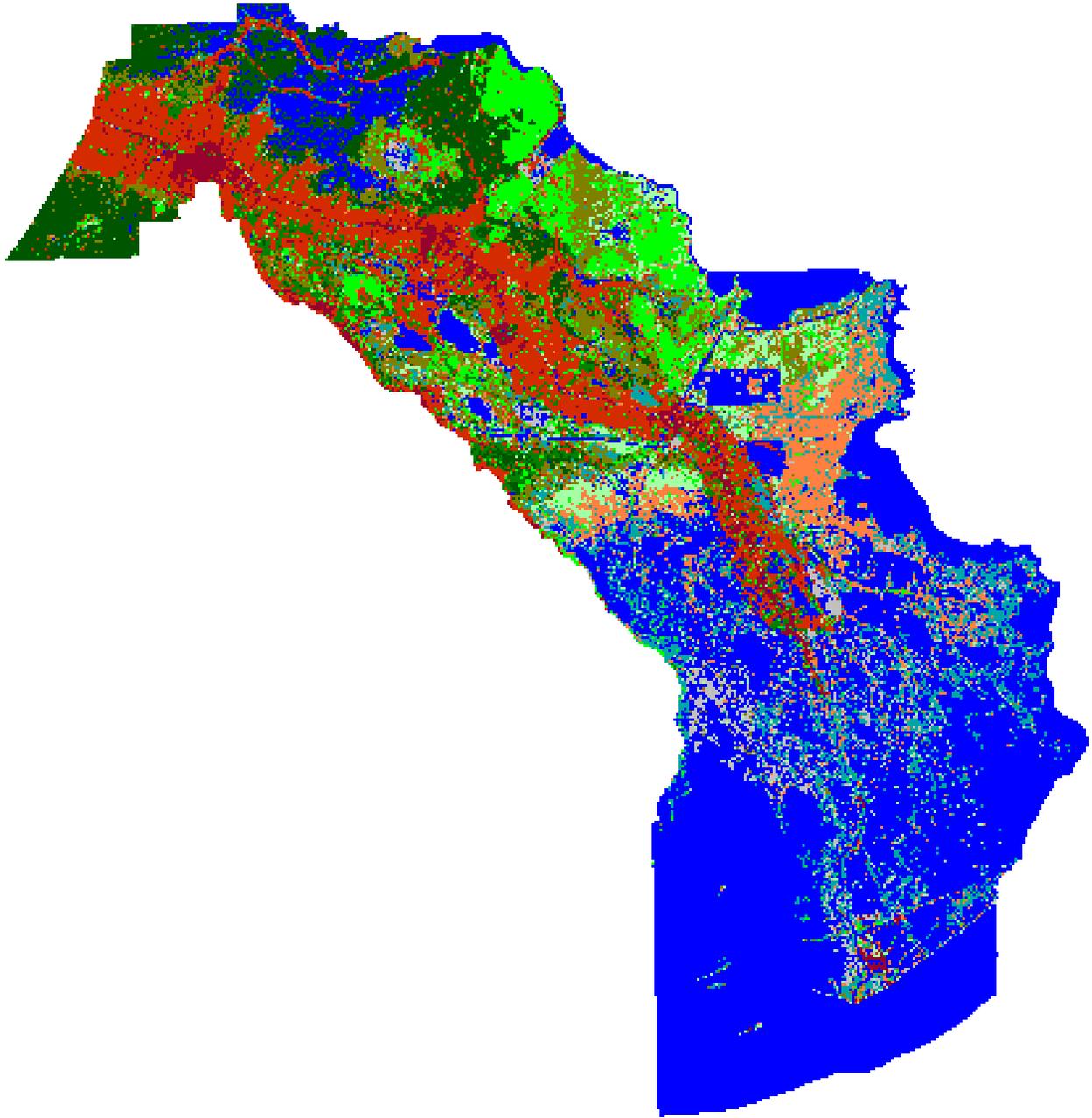


1.5 meter GSLR

2025

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

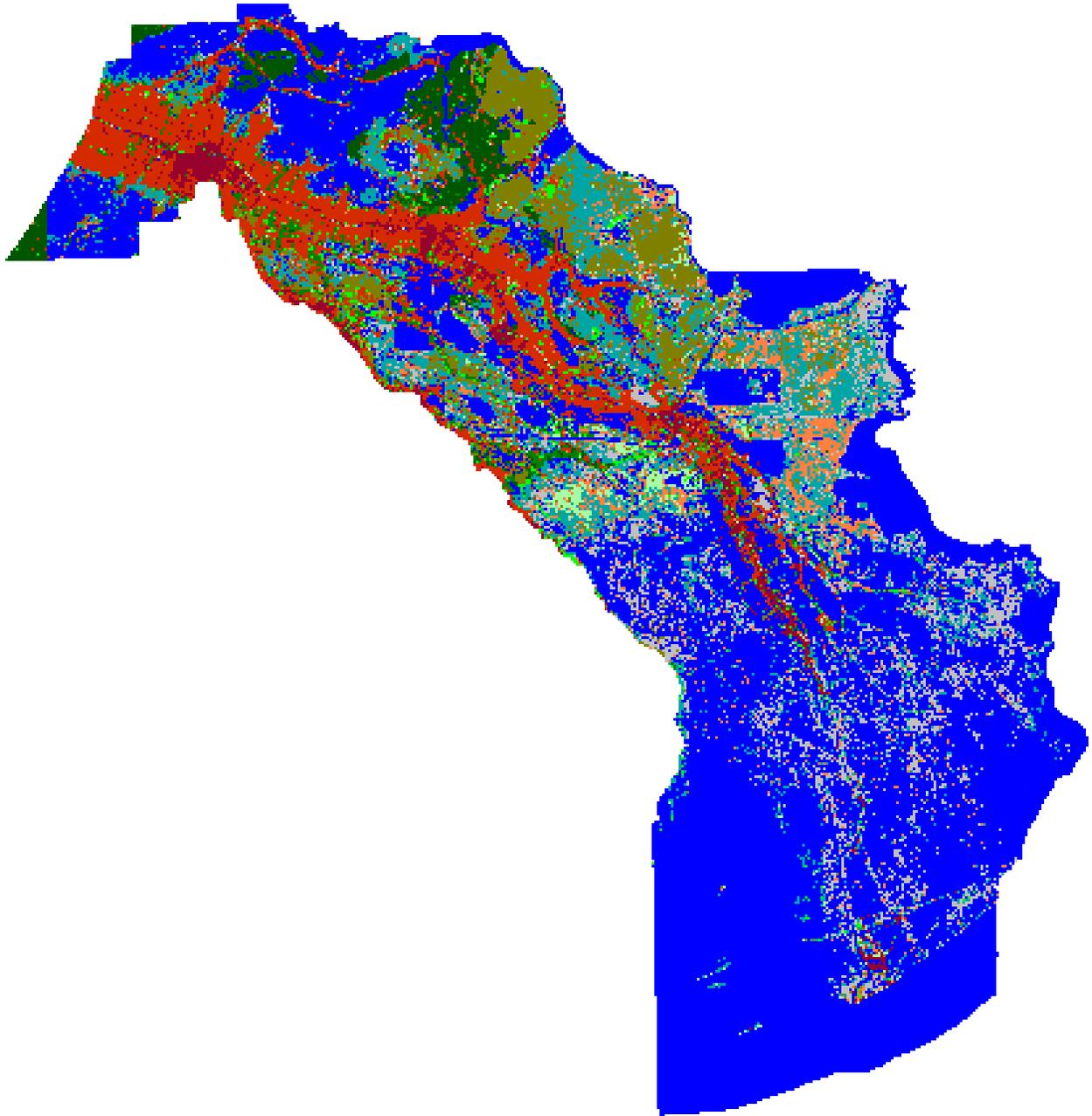


1.5 meter GSLR

2050

Lafourche Parish

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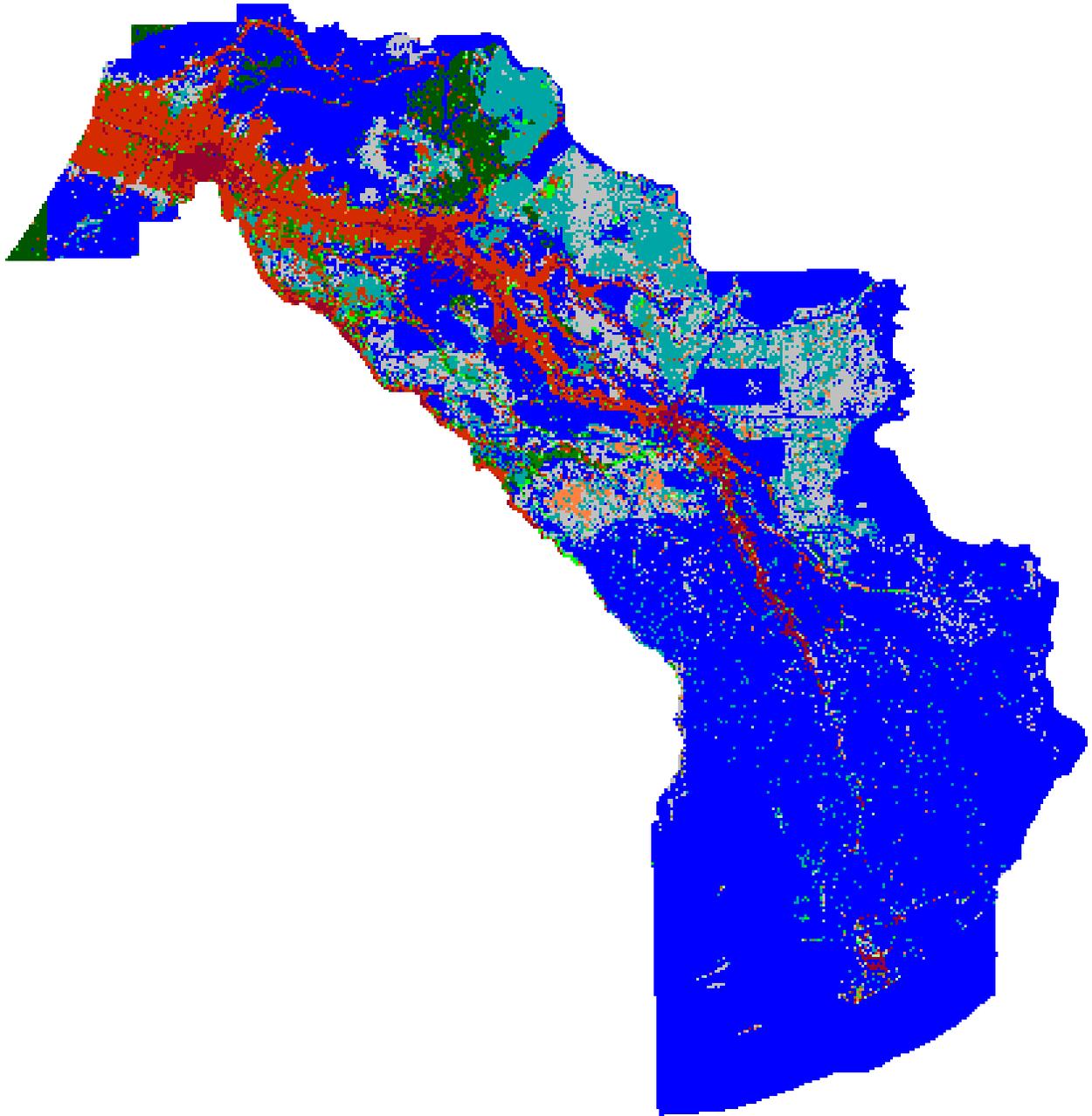


1.5 meter GSLR

2075

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

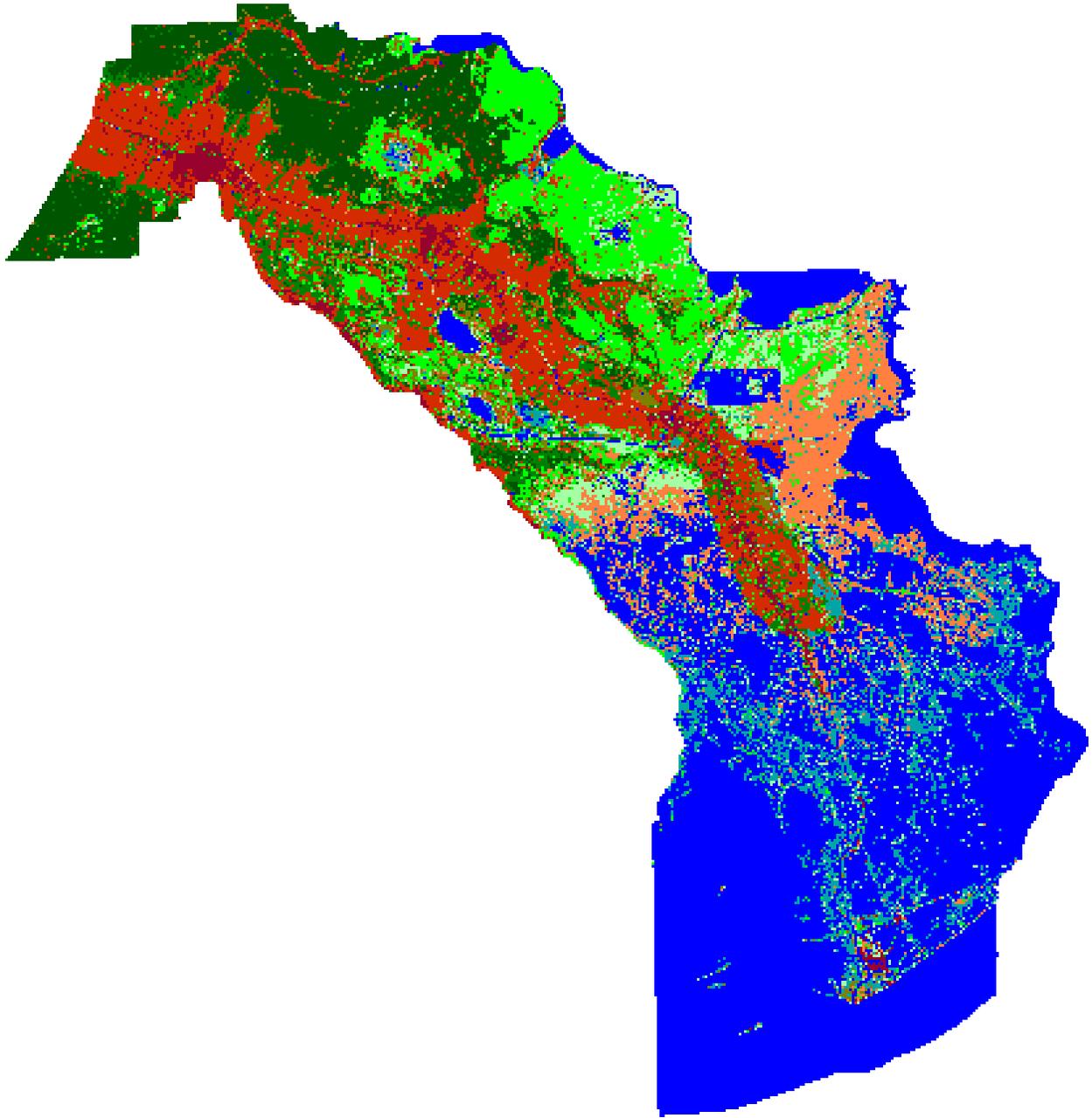


1.5 meter GSLR

2100

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

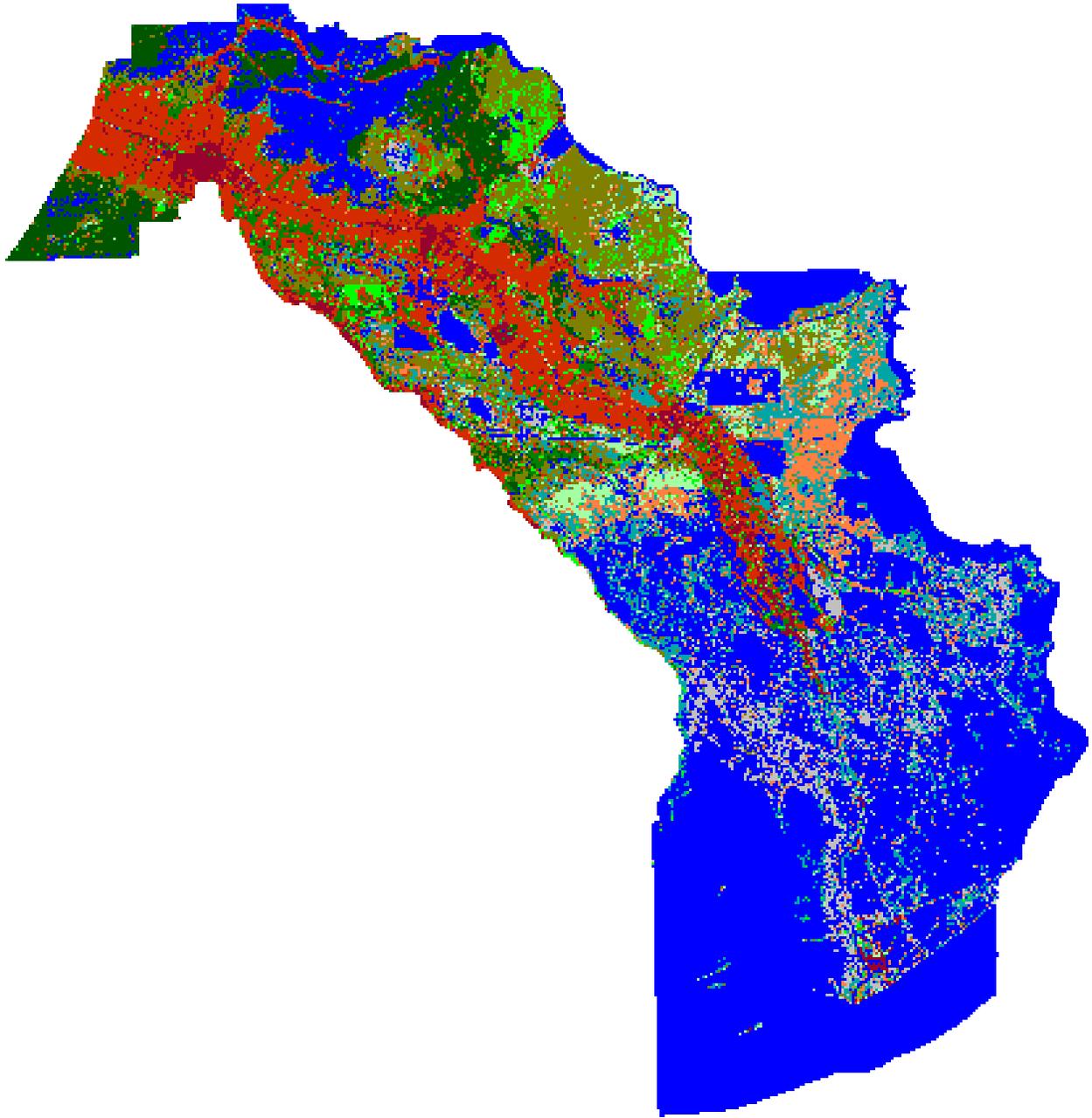


2.0 meter GSLR

2025

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

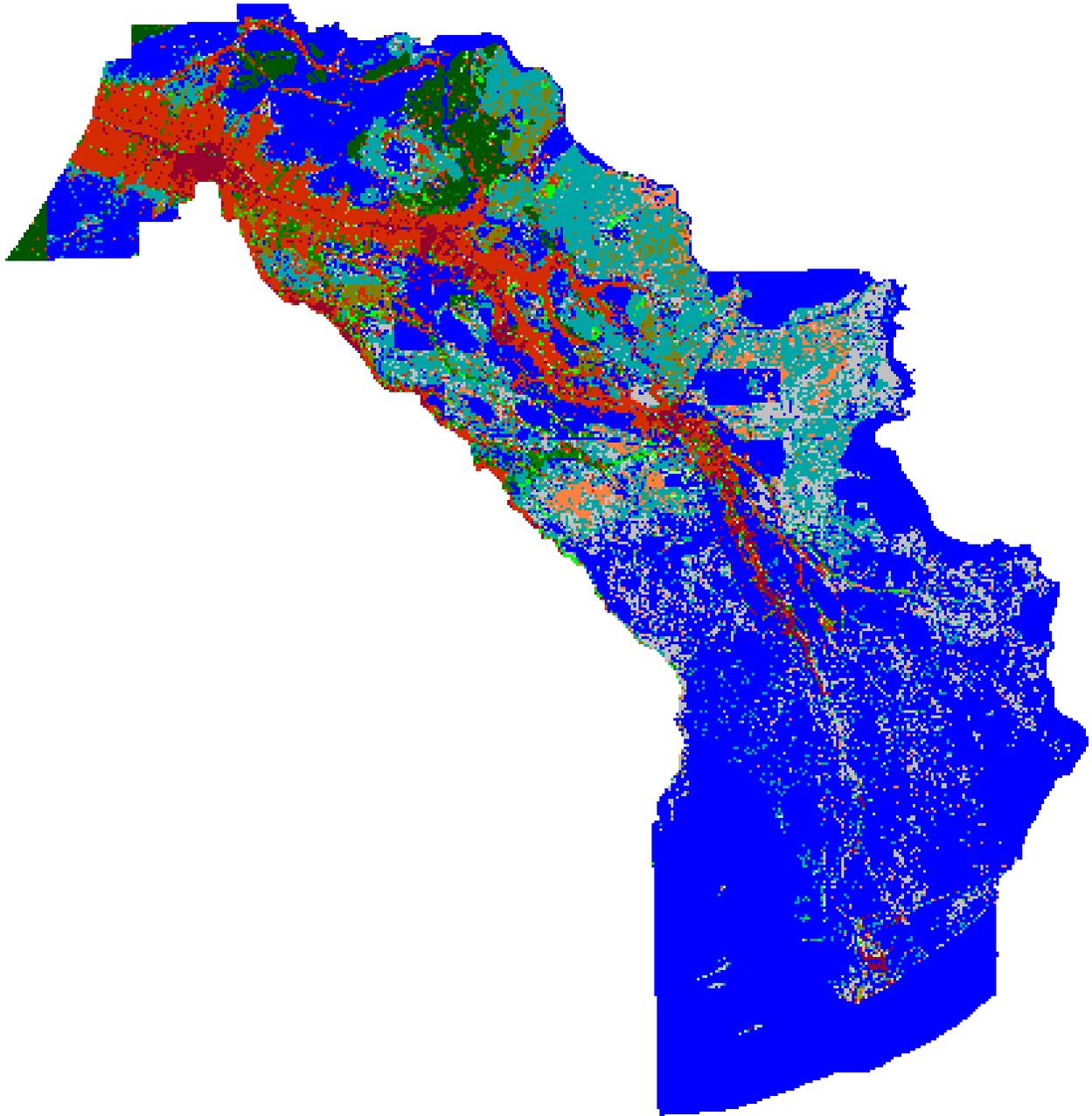


2.0 meter GSLR

2050

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

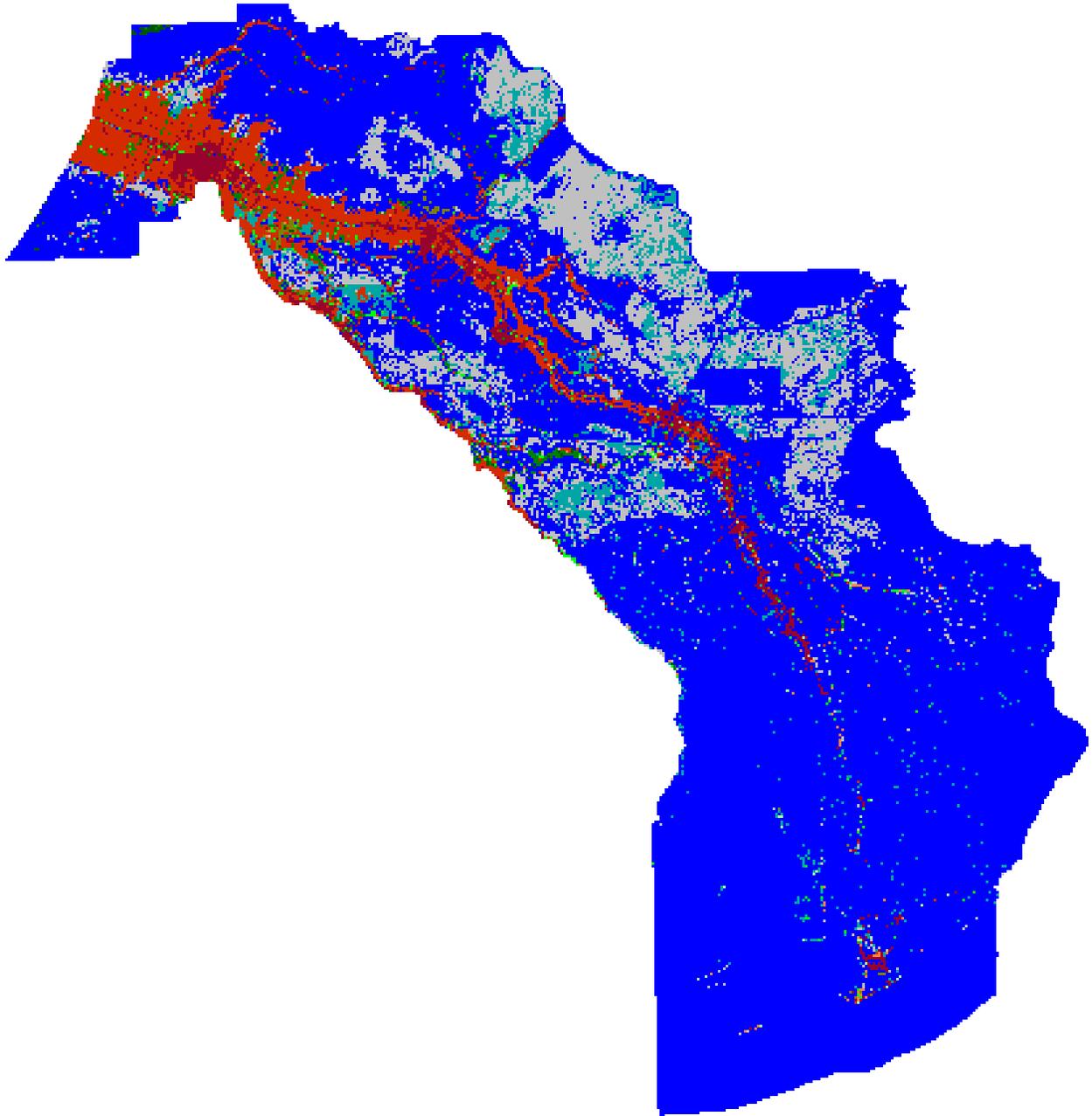


2.0 meter GSLR

2075

Lafourche Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

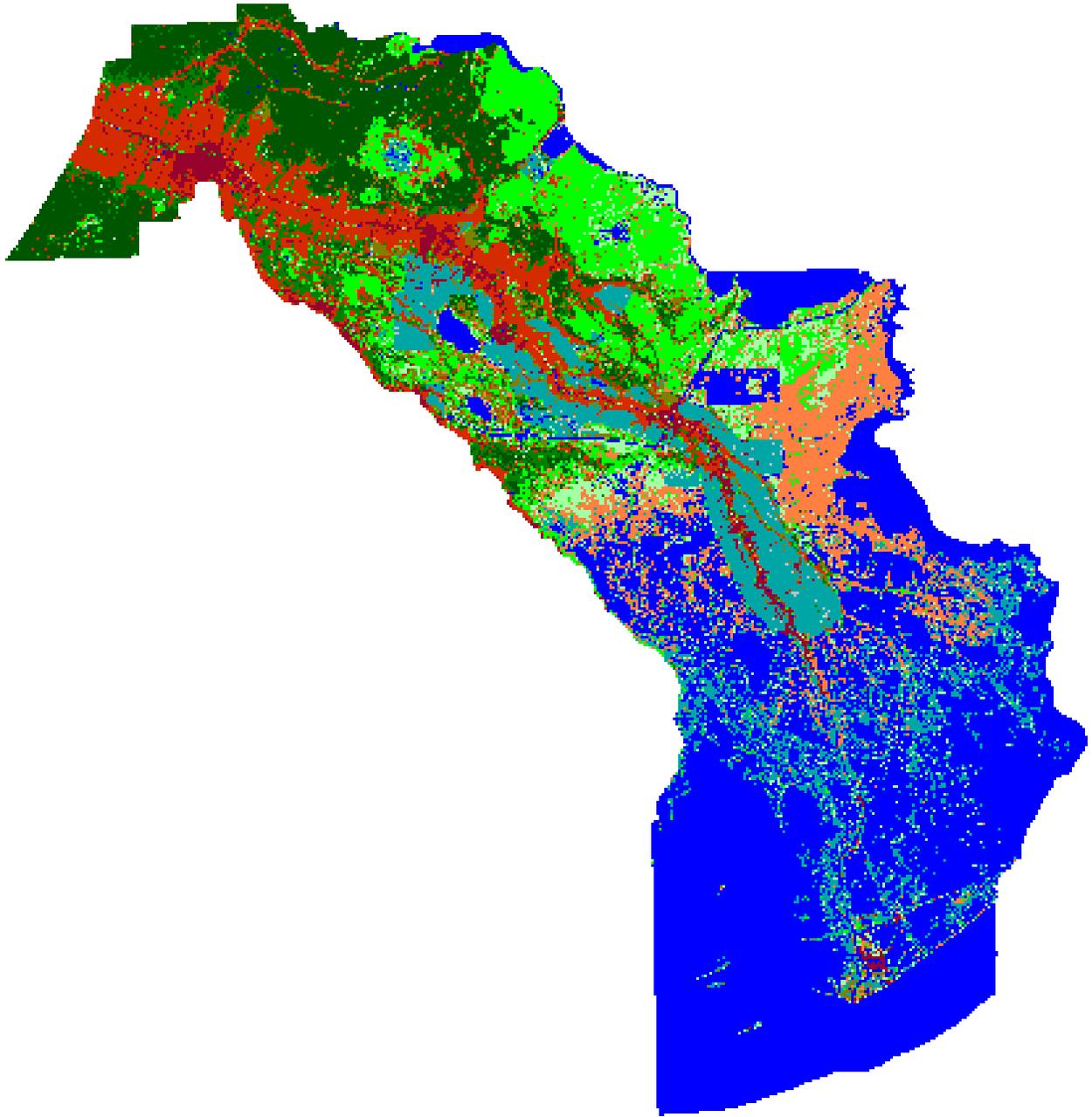


2.0 meter GSLR

2100

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

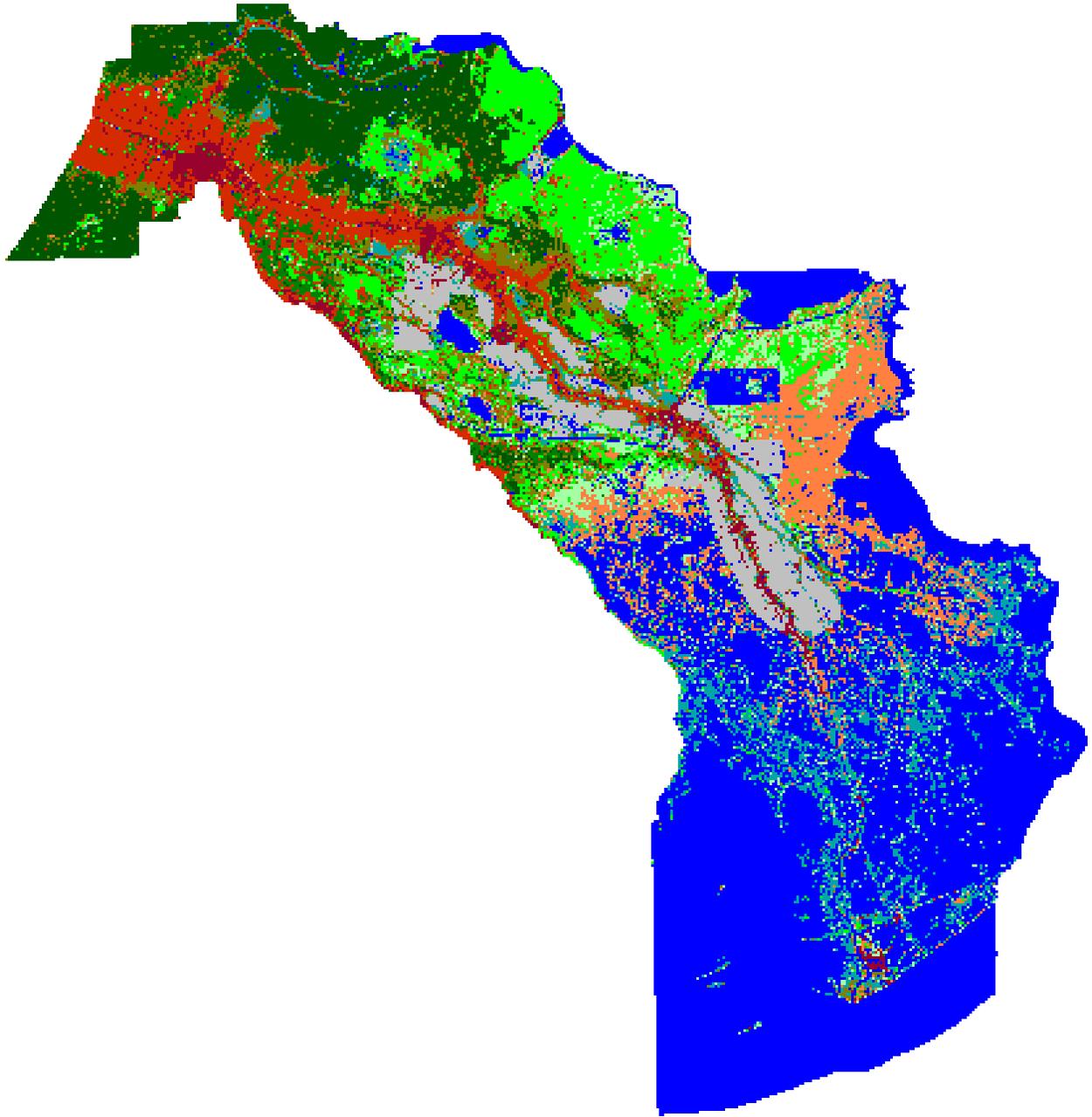


0.5 meter GSLR

2025

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

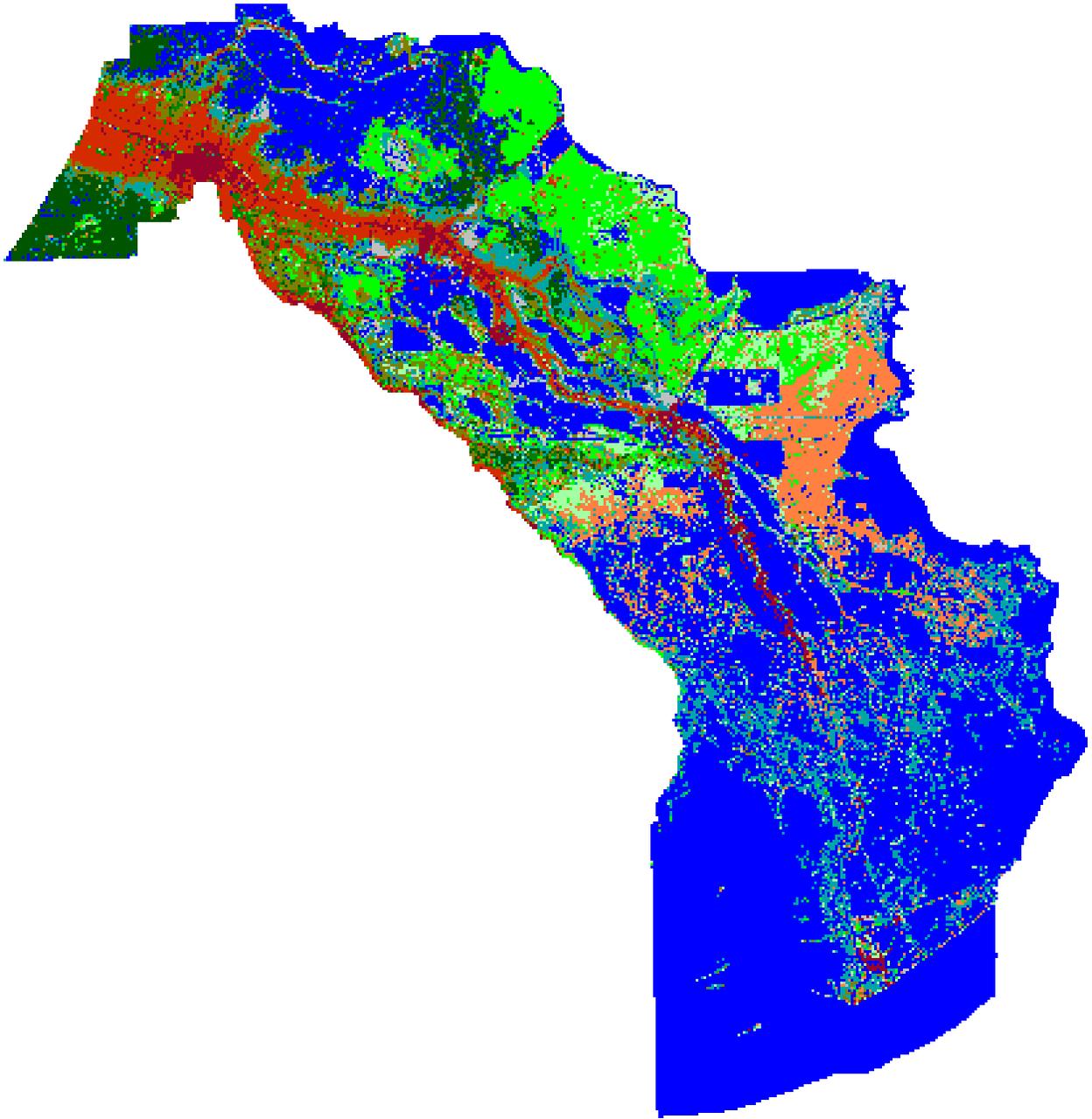


0.5 meter GLSR

2050

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

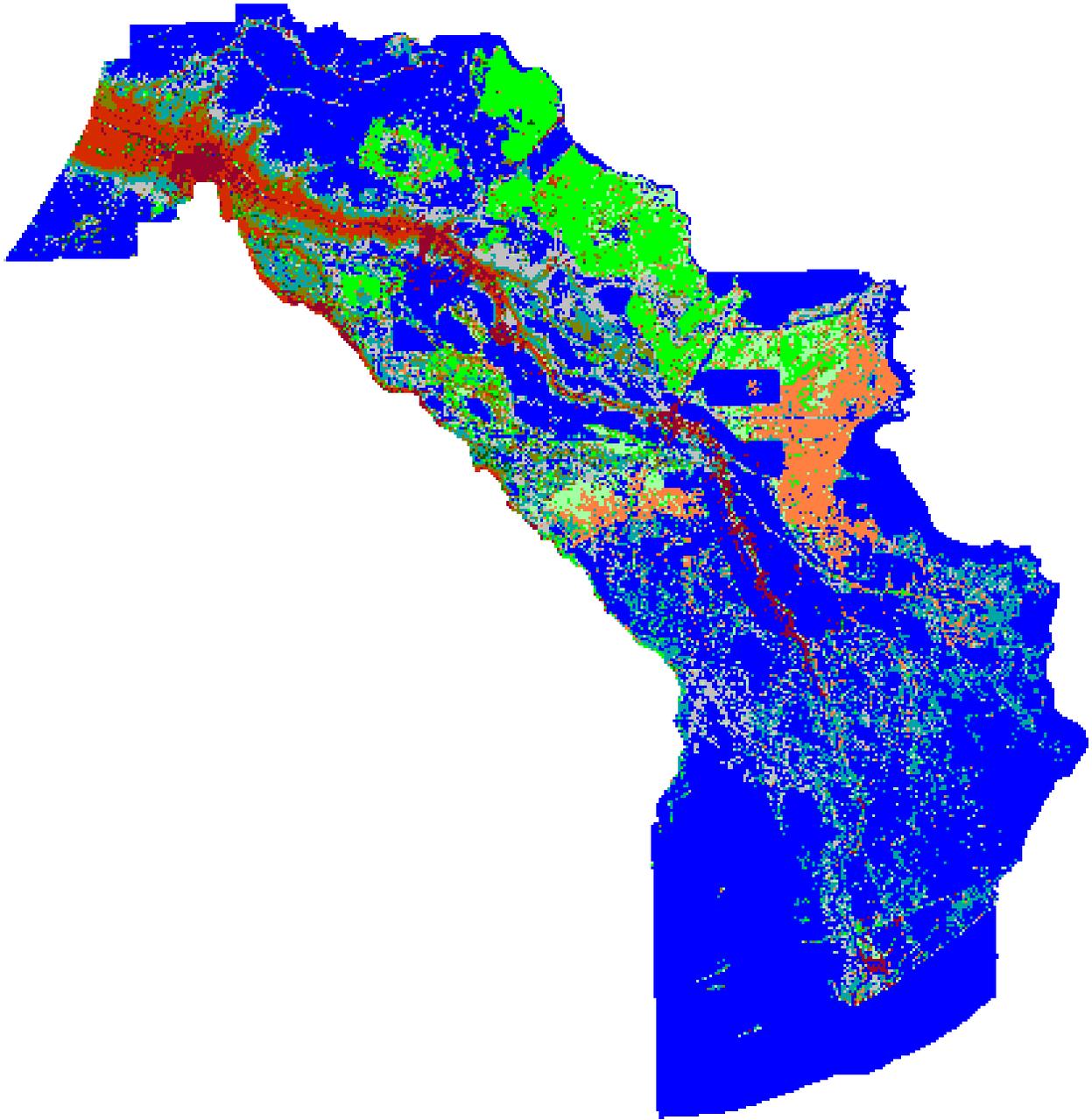


0.5 meter GSLR

2075

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

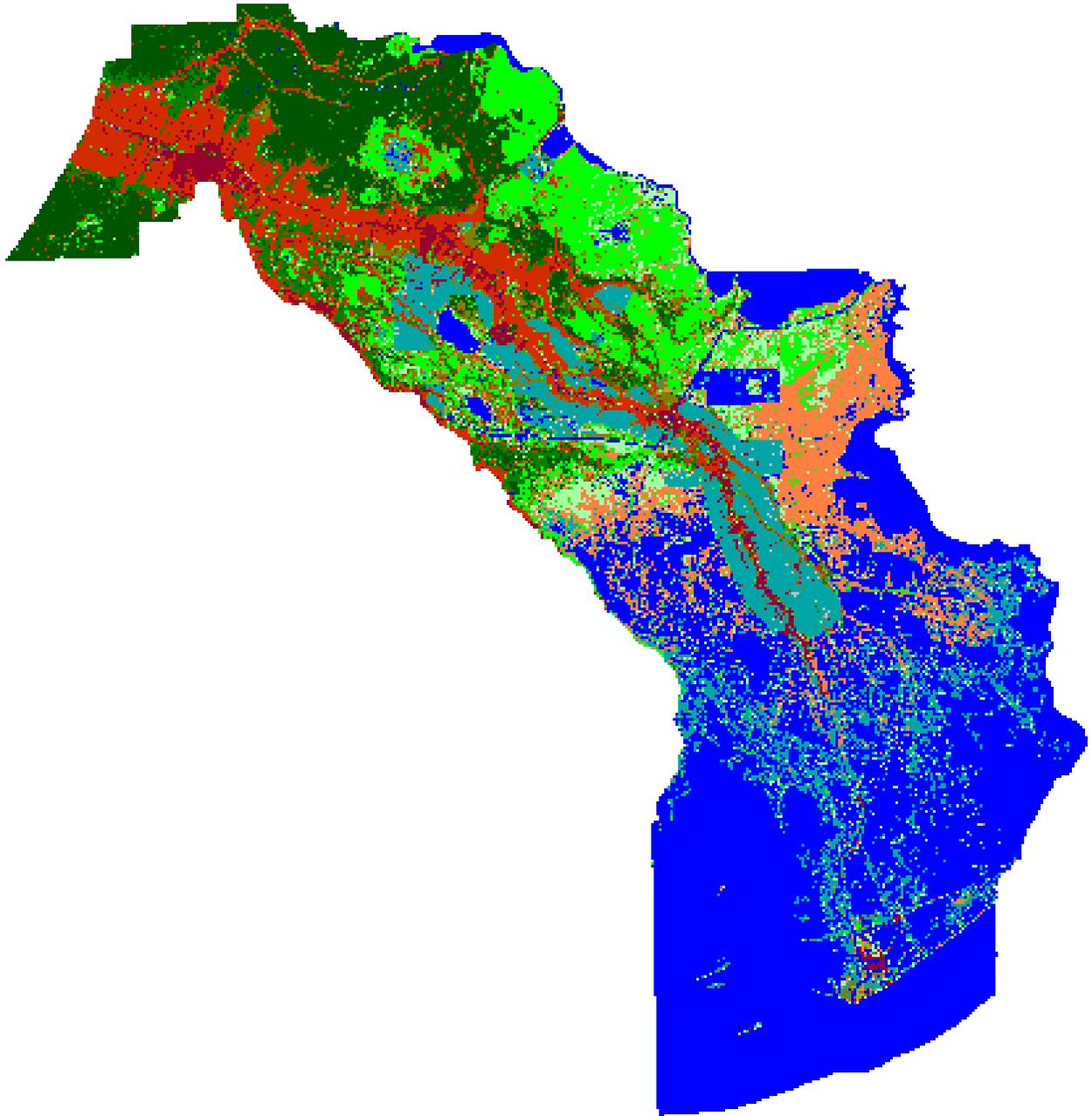


0.5 meter GSLR

2100

Lafourche Parish

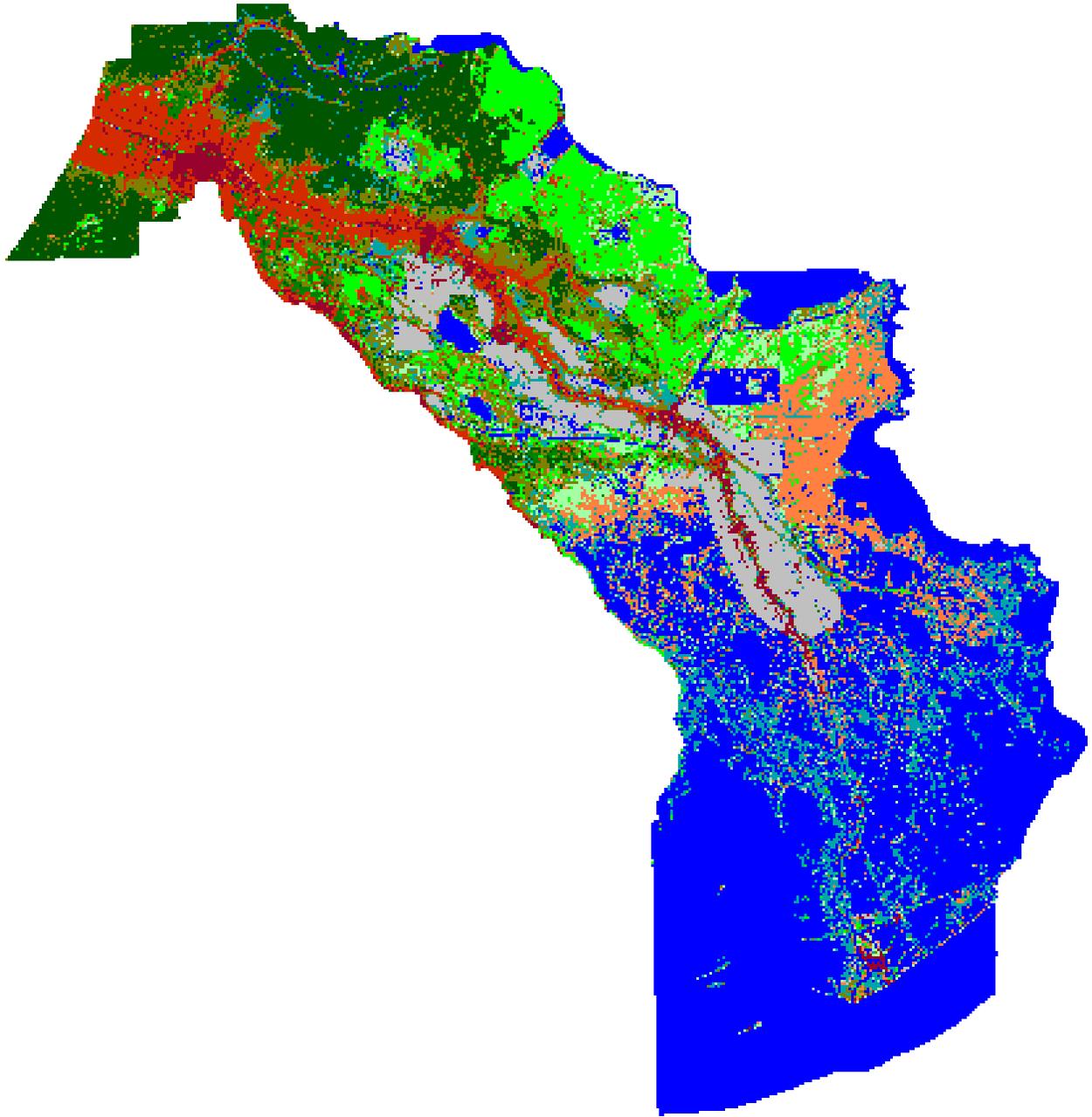
Low Subsidence, Not Protected with Dikes SLAMM Scenarios



1.0 meter GSLR
2.0 2025

Lafourche Parish

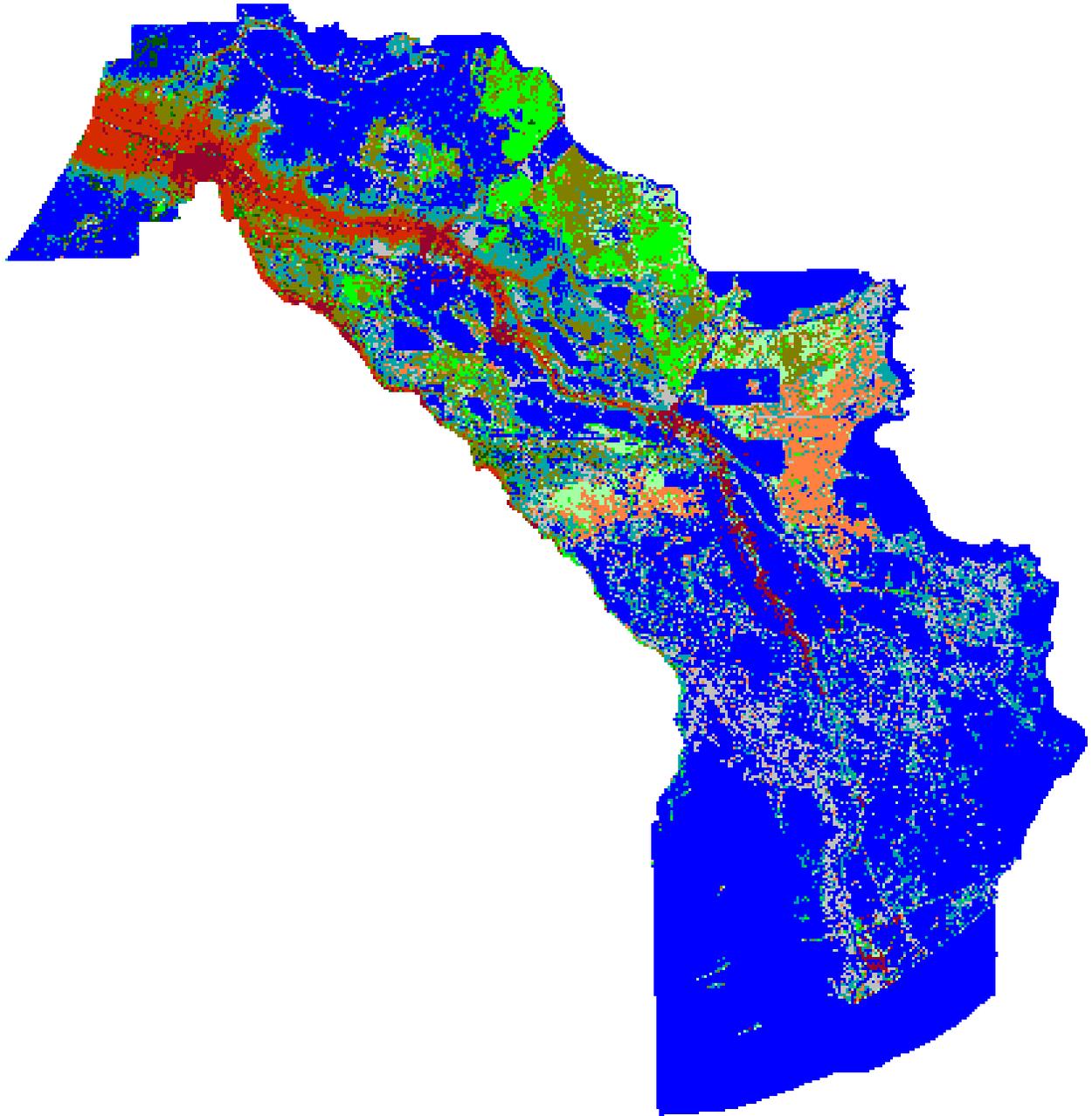
Low Subsidence, Not Protected with Dikes SLAMM Scenarios



*1.0 meter GSLR
2050*

Lafourche Parish

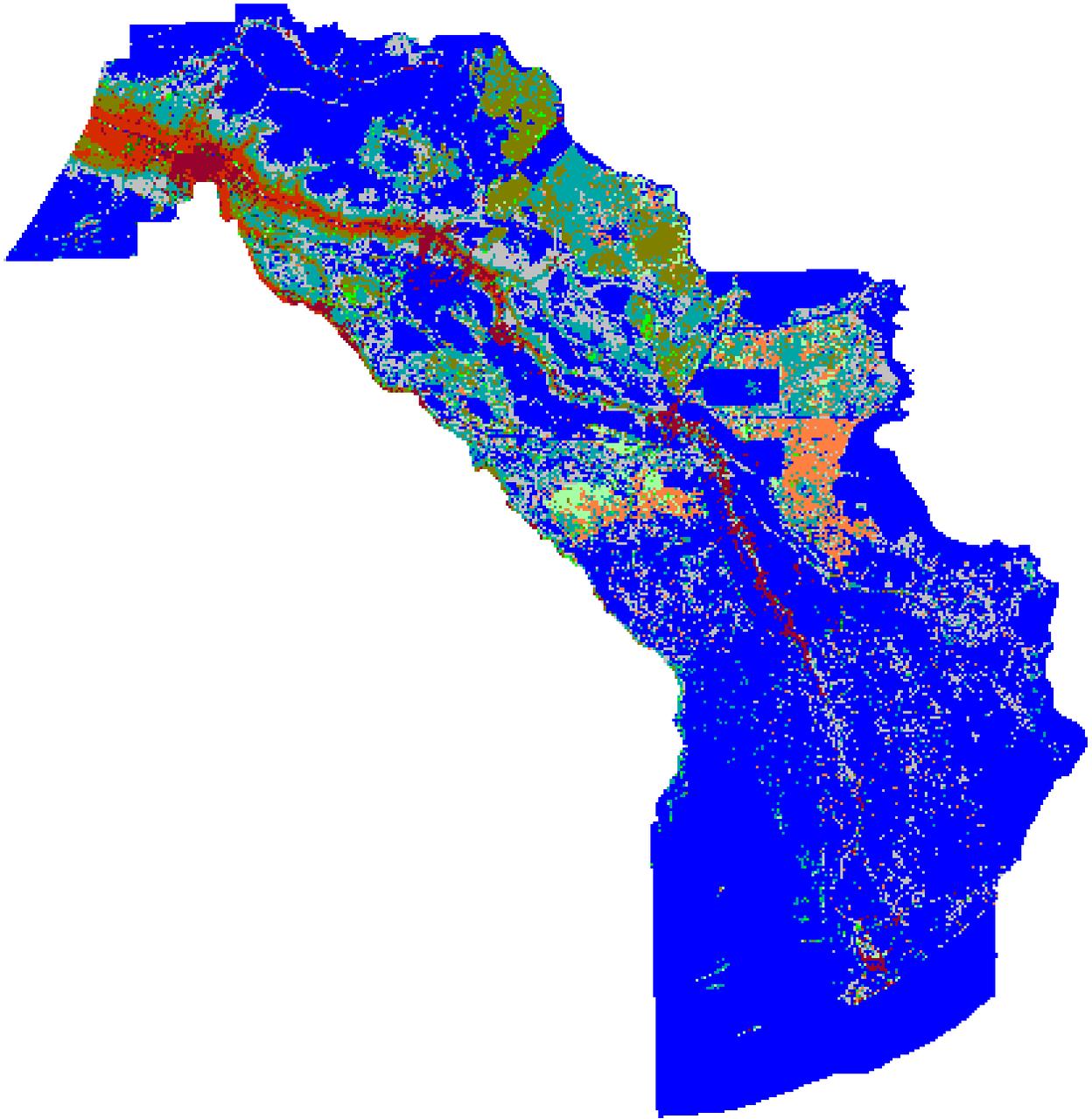
Low Subsidence, Not Protected with Dikes SLAMM Scenarios



*1.0 meter GSLR
2075*

Lafourche Parish

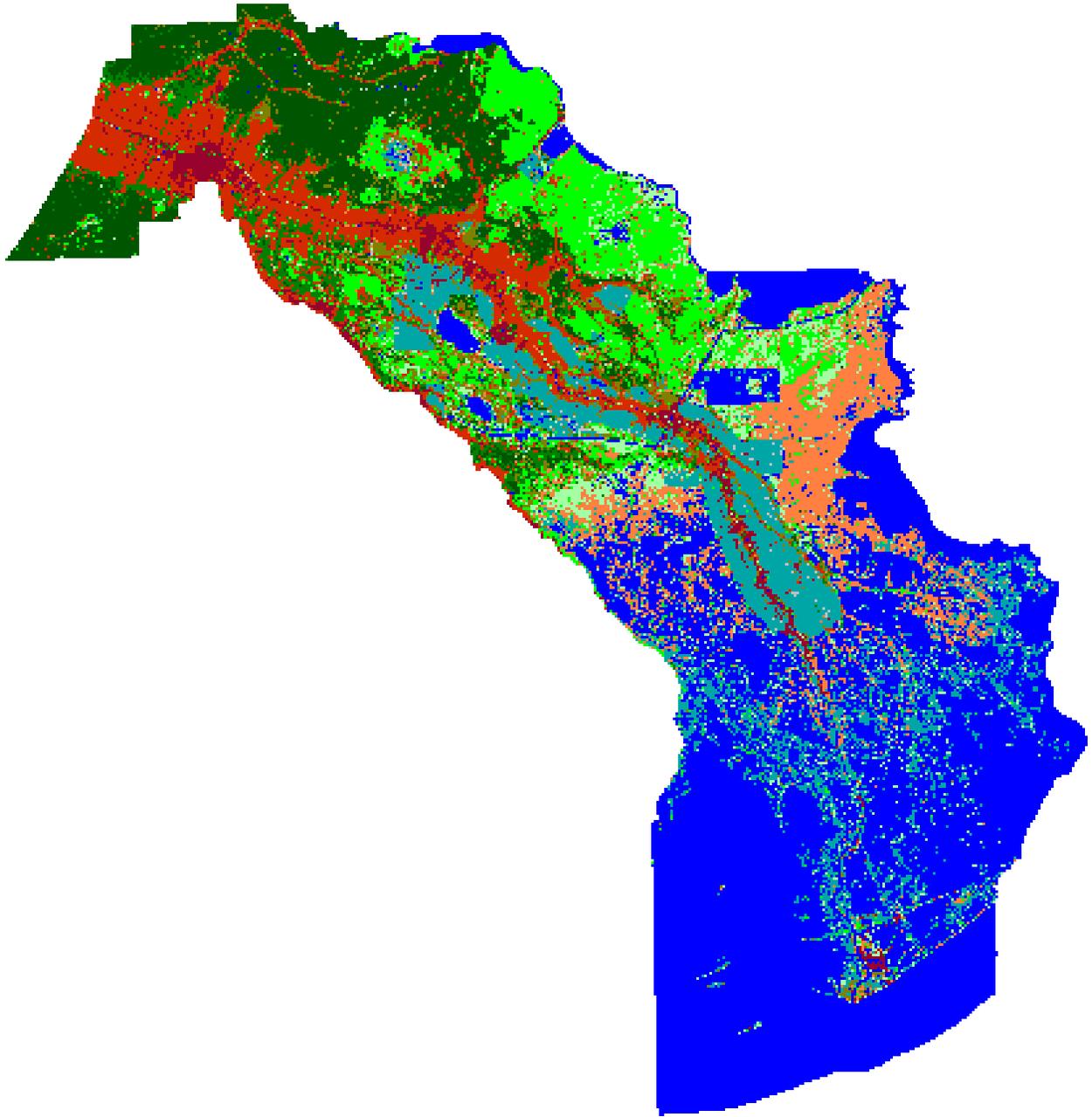
Low Subsidence, Not Protected with Dikes SLAMM Scenarios



*1.0 meter GSLR
2100*

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

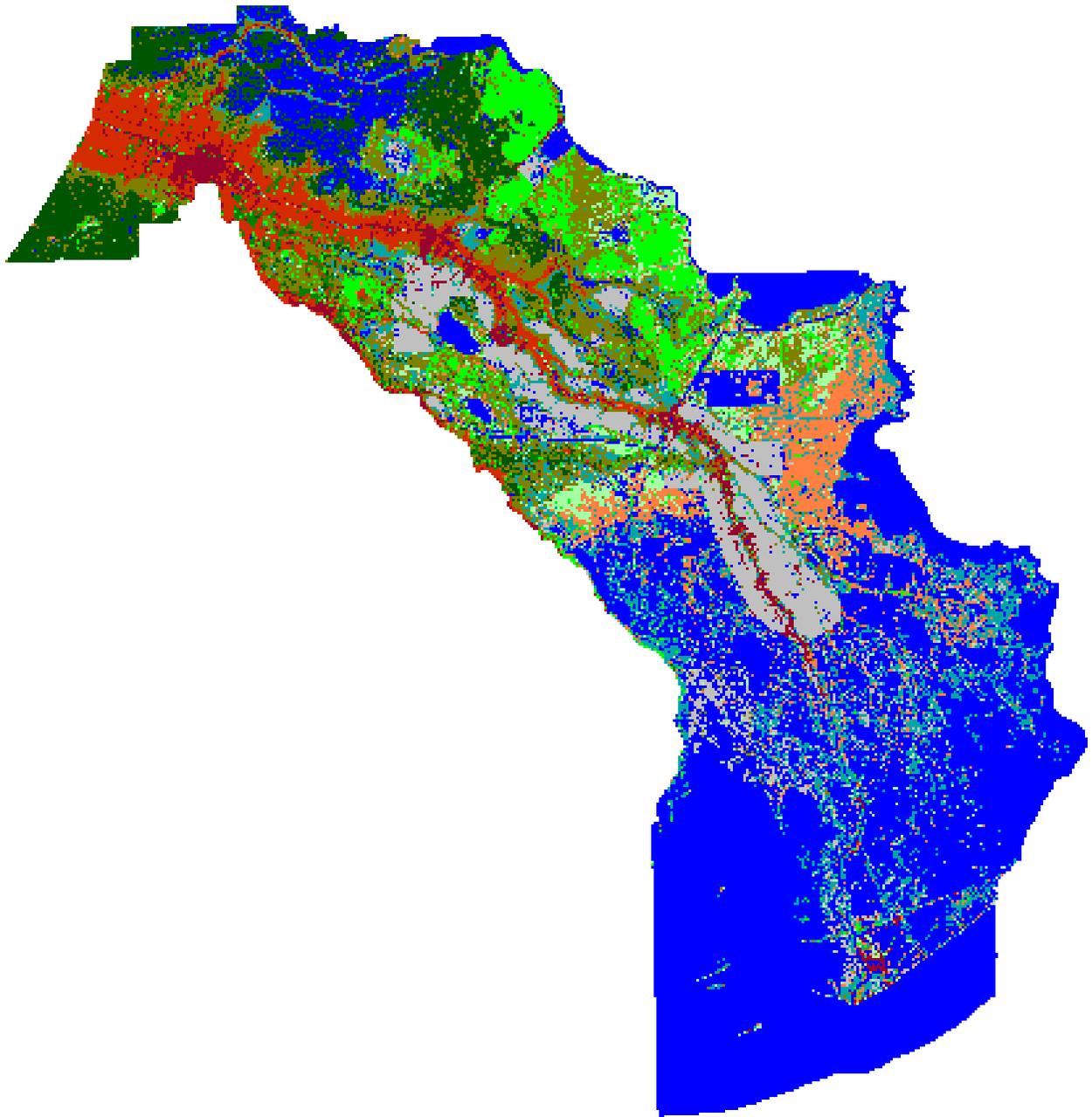


1.5 meter GSLR

2025

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

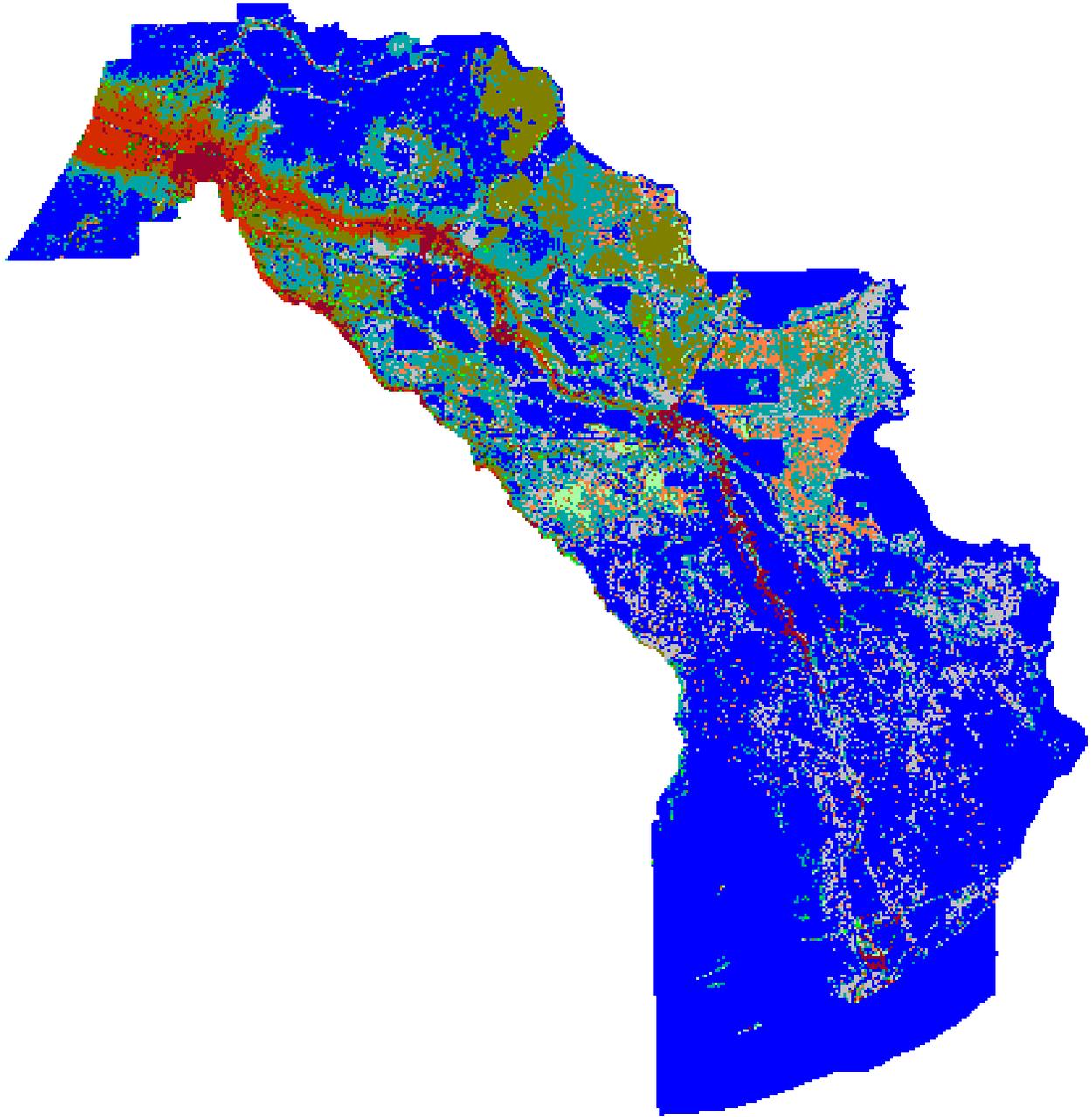


1.5 meter GSLR

2050

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

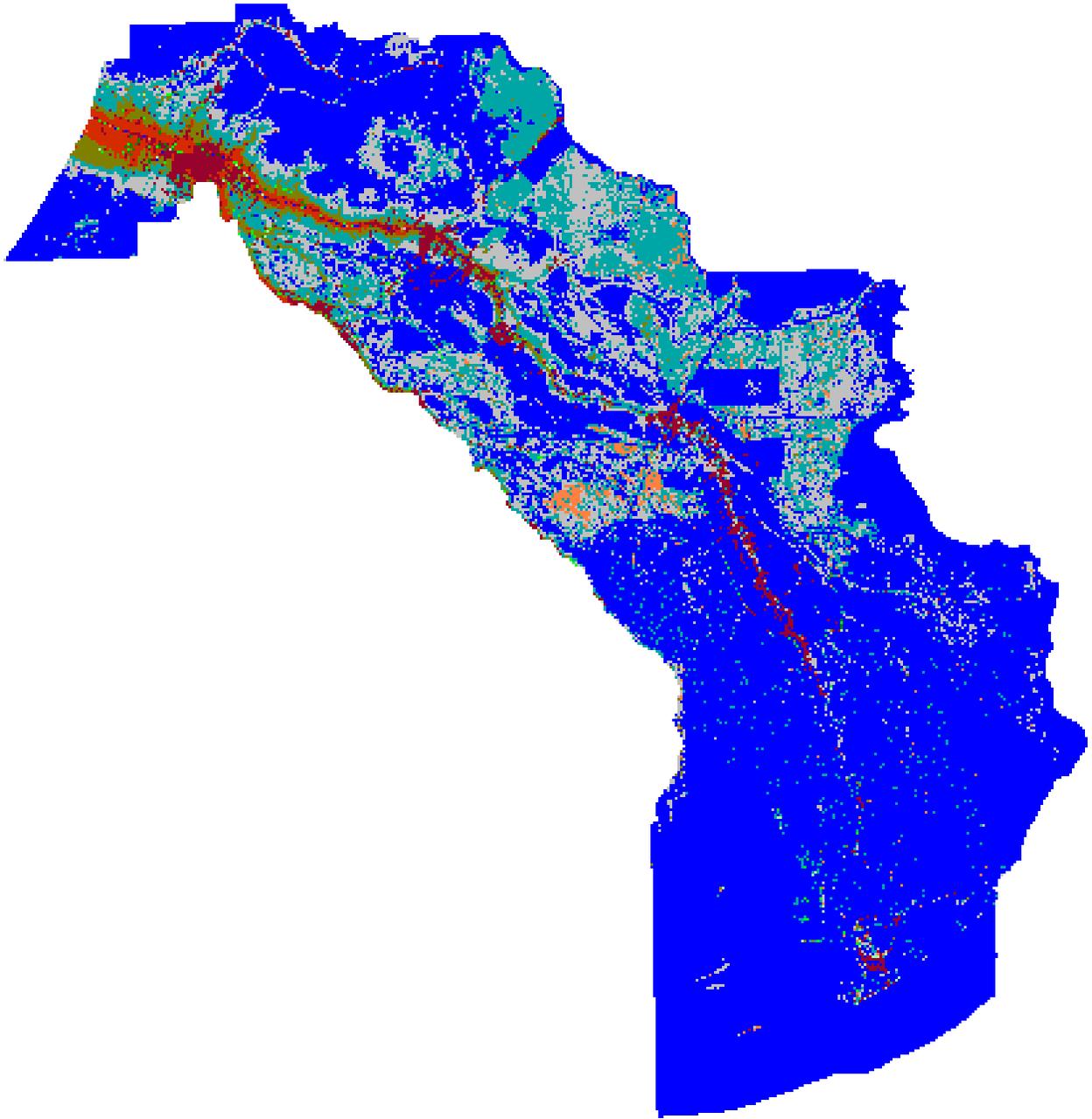


1.5 meter GSLR

2075

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

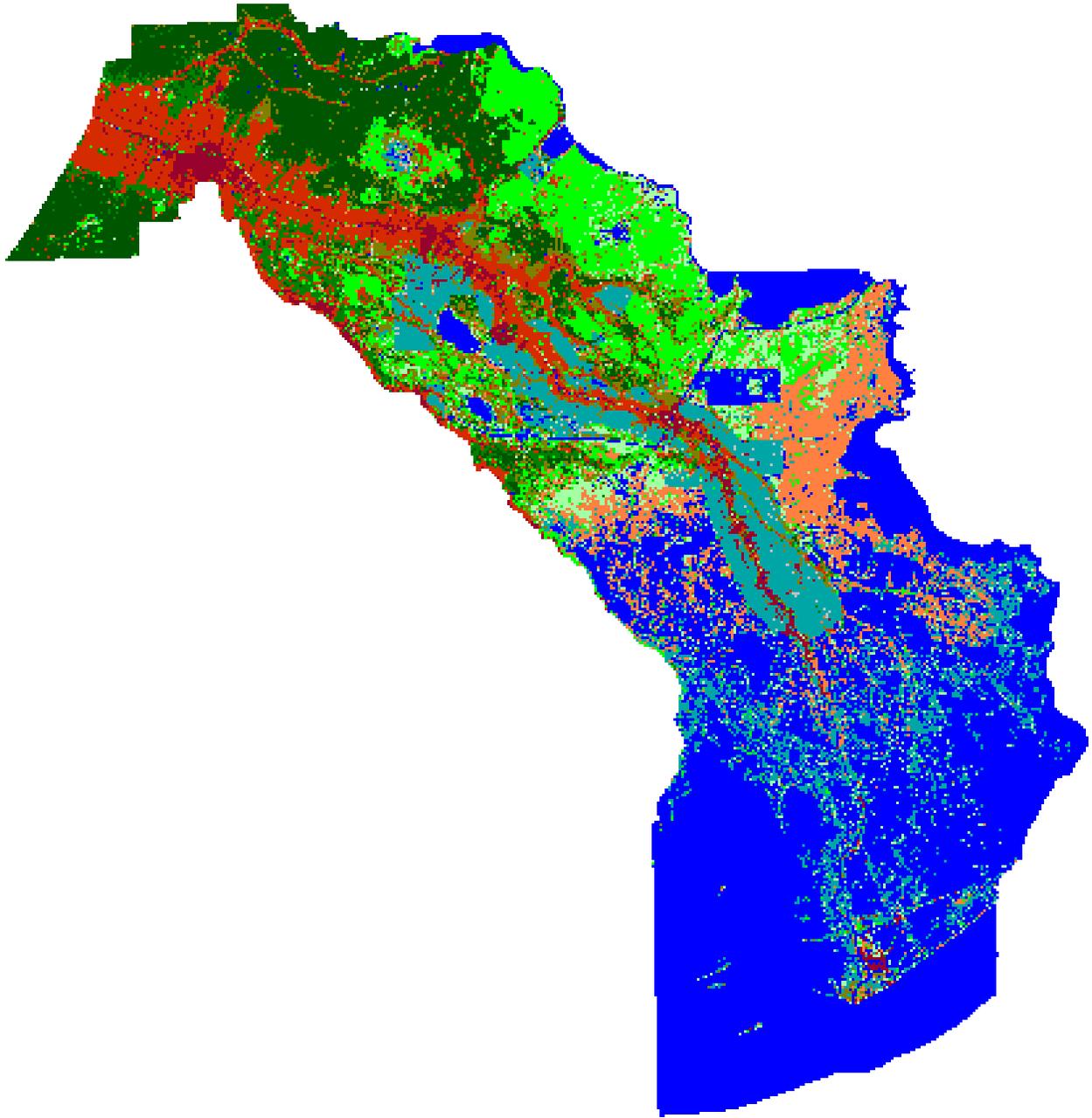


1.5 meter GSLR

2100

Lafourche Parish

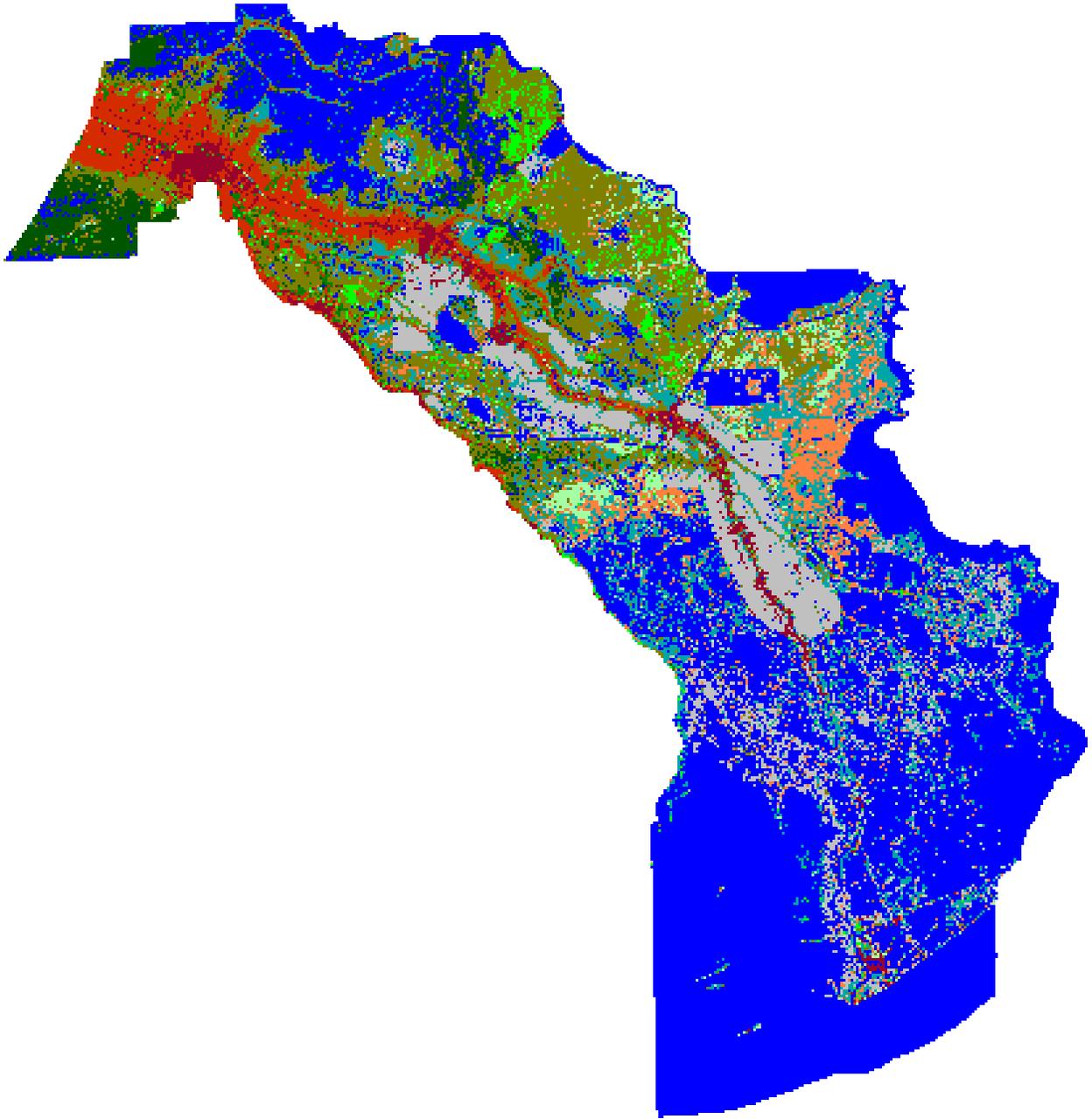
Low Subsidence, Not Protected with Dikes SLAMM Scenarios



*2.0 meter GSLR
2025*

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

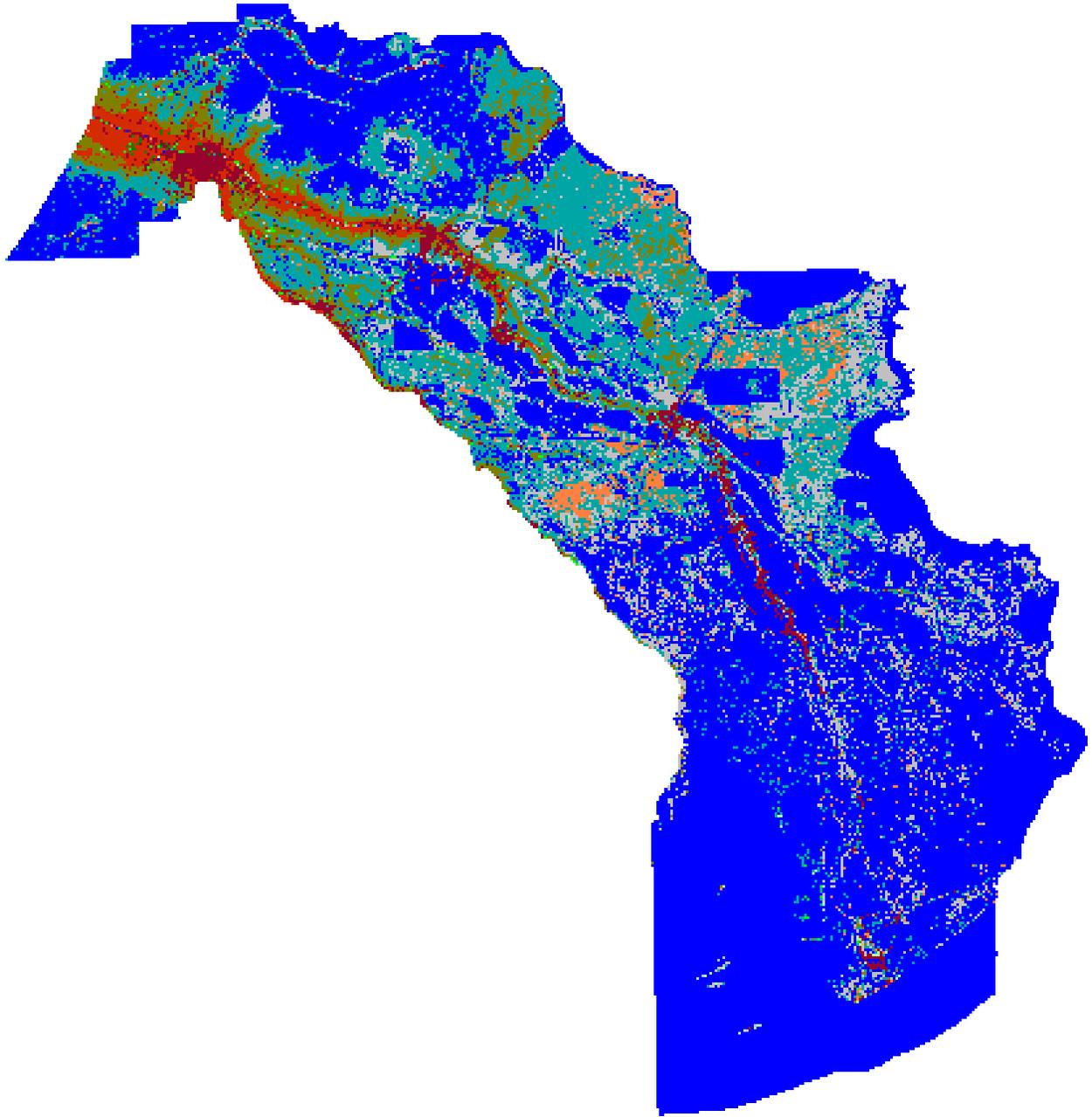


2.0 meter GSLR

2050

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

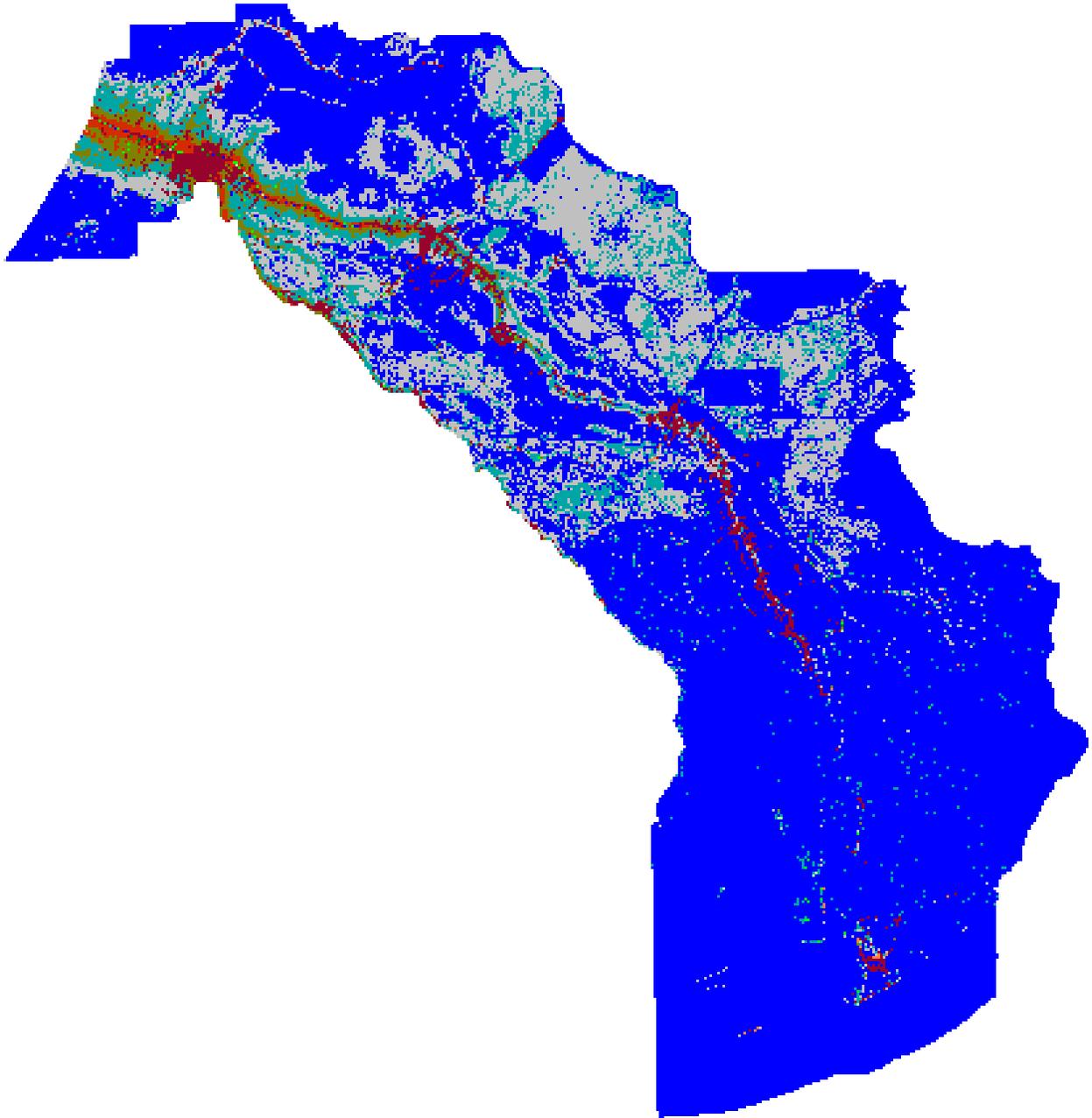


2.0 meter GSLR

2075

Lafourche Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

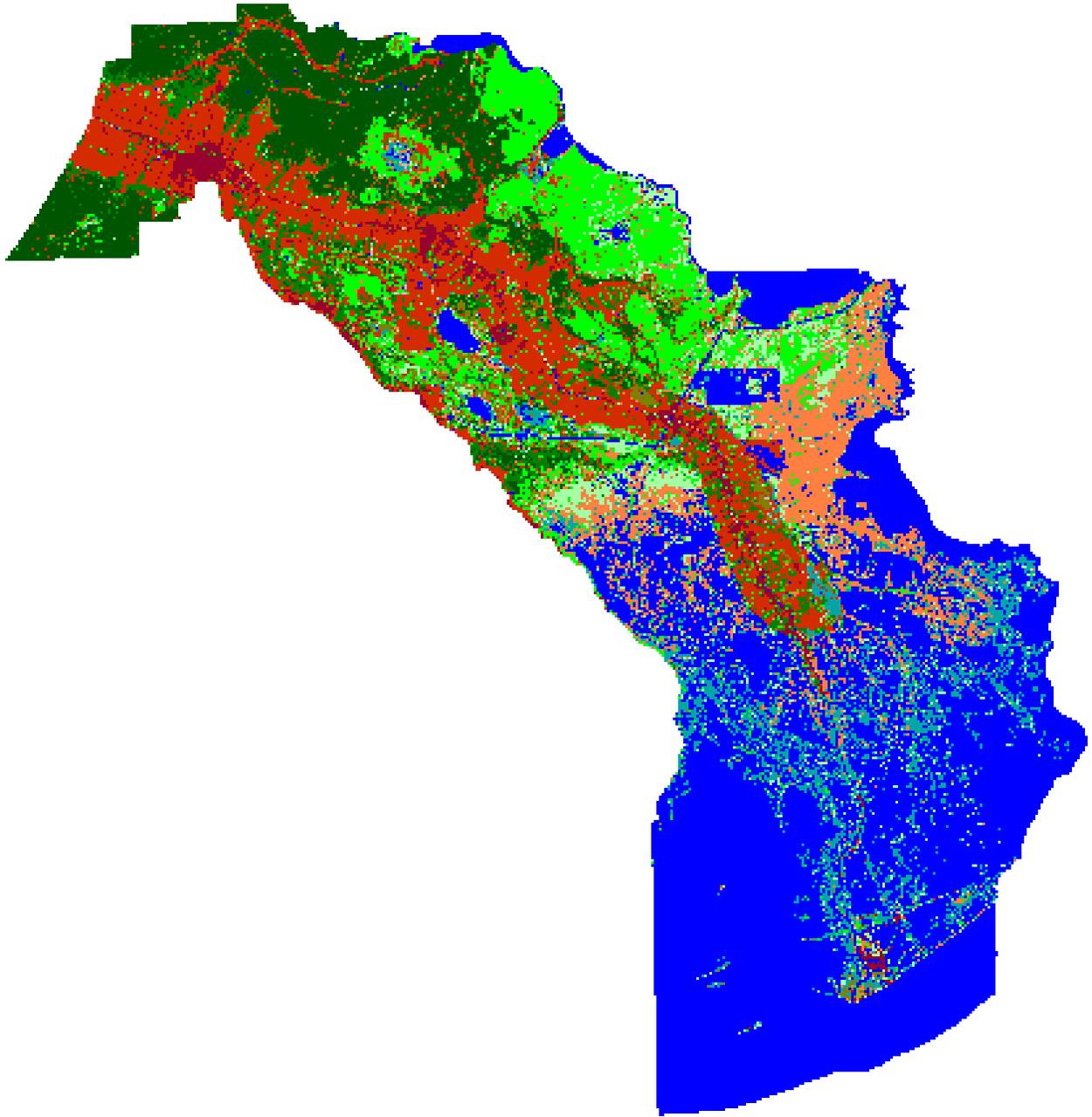


2.0 meter GSLR

2100

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

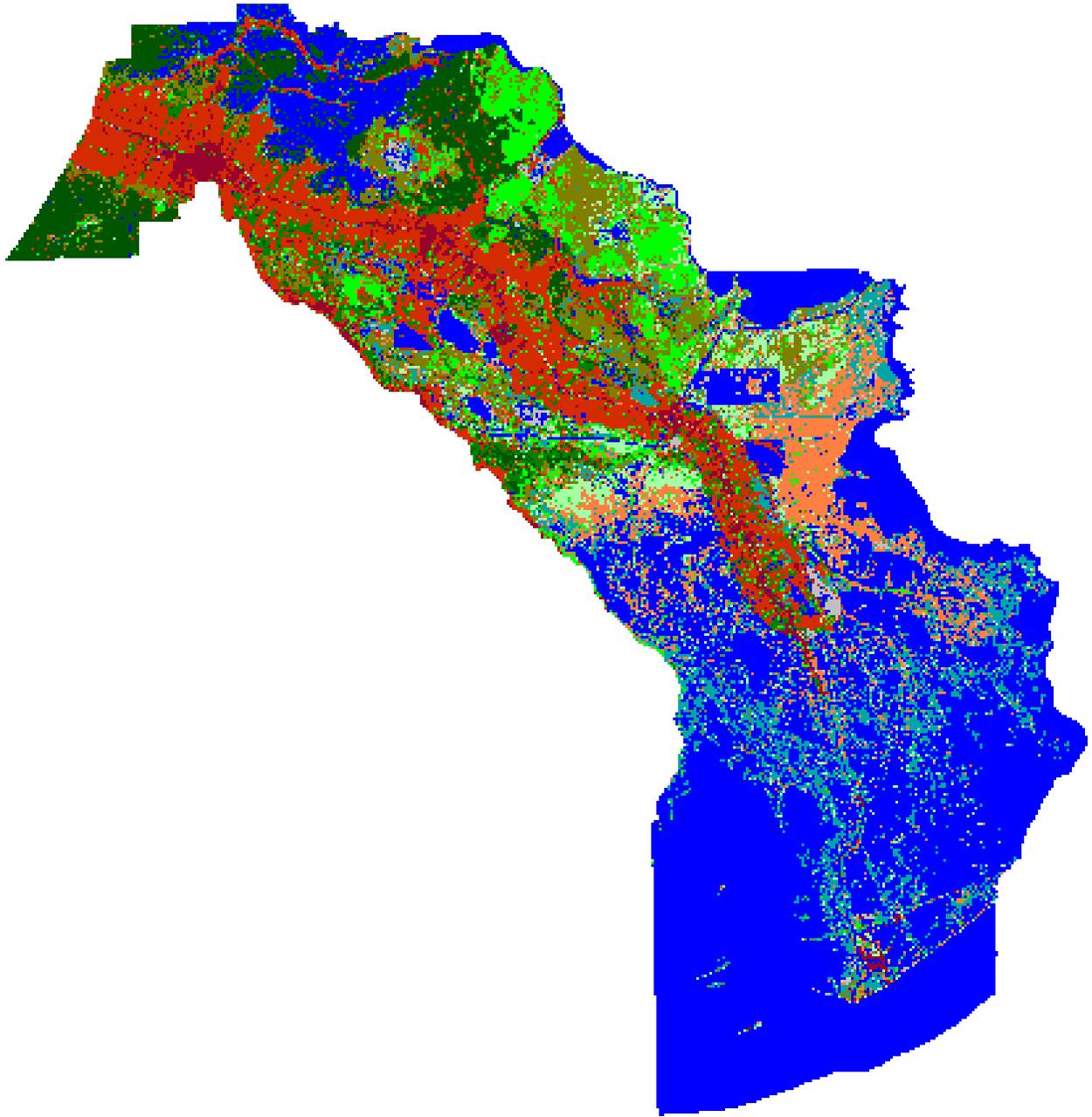


0.5 meter GSLR

2025

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

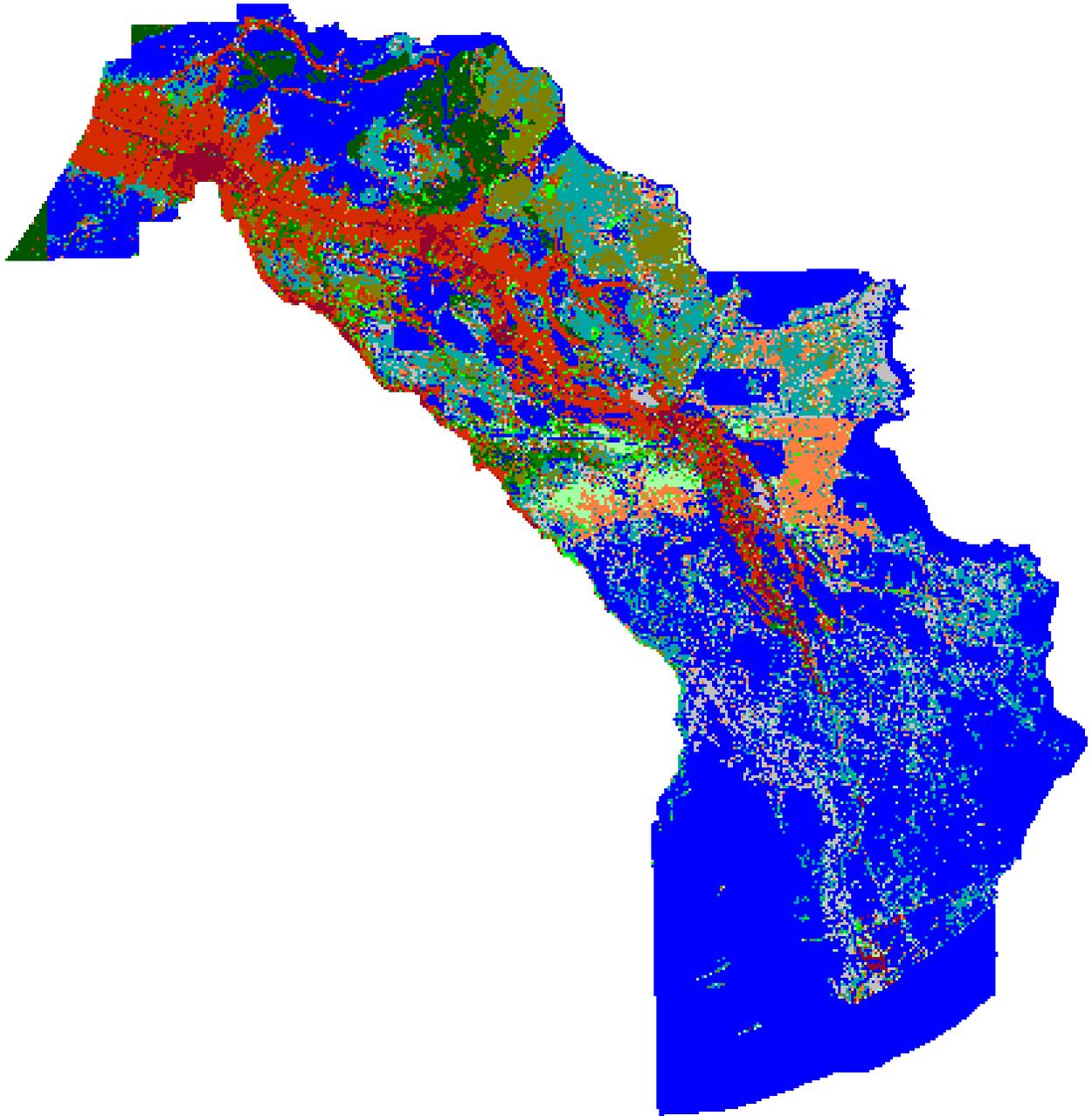


0.5 meter GSLR

2050

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

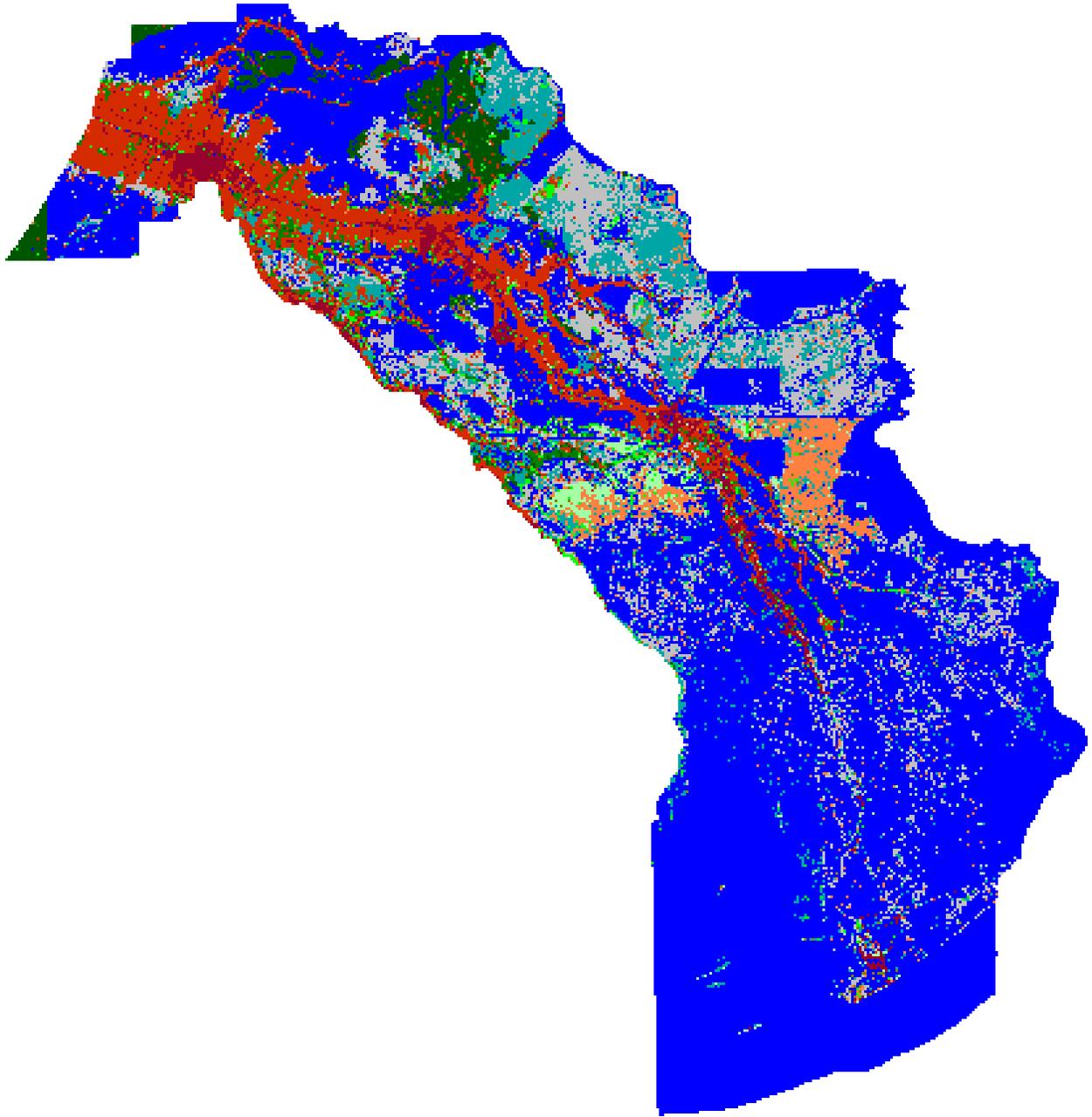


0.5 meter GSLR

2075

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

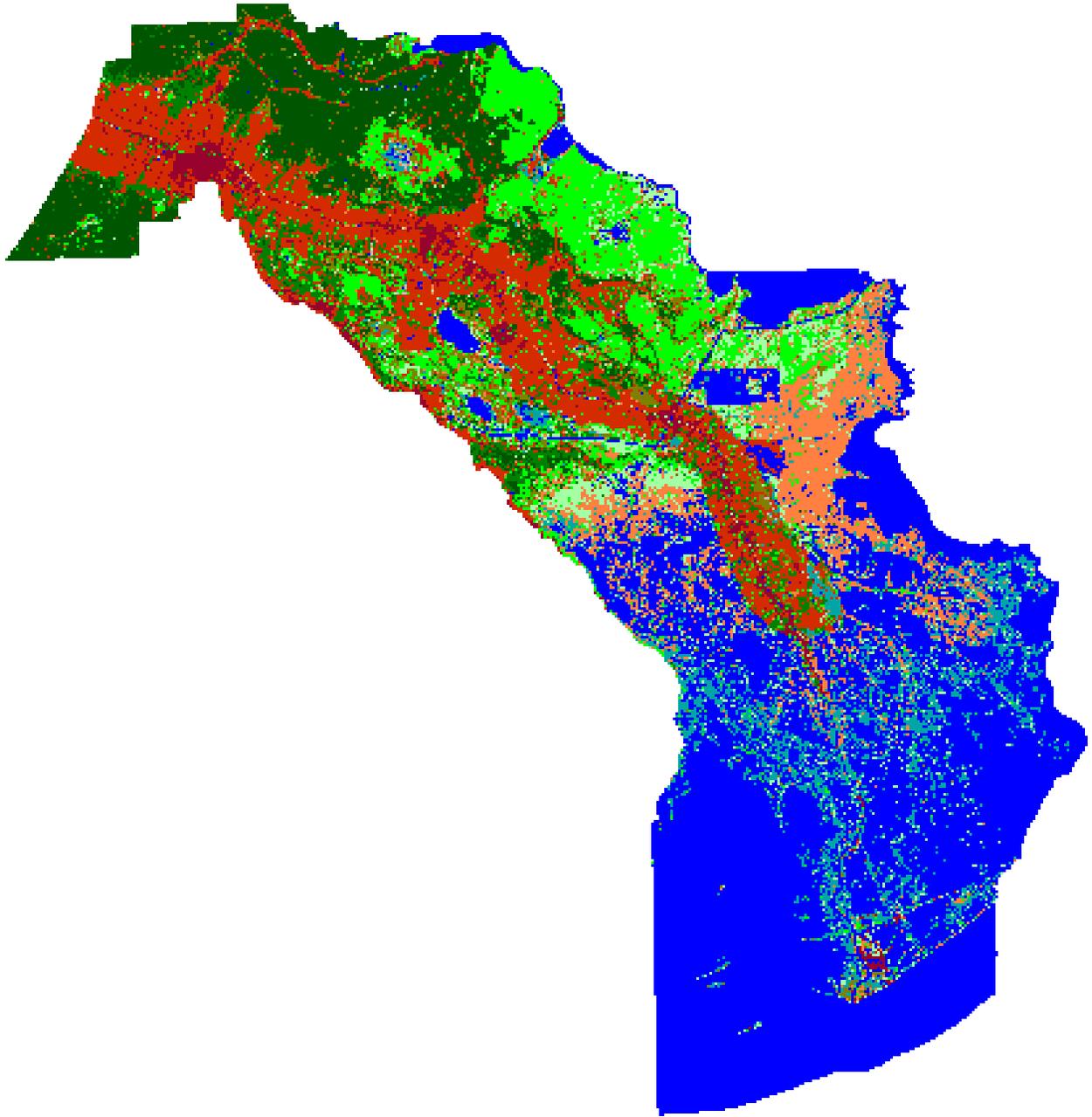


0.5 meter GSLR

2100

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

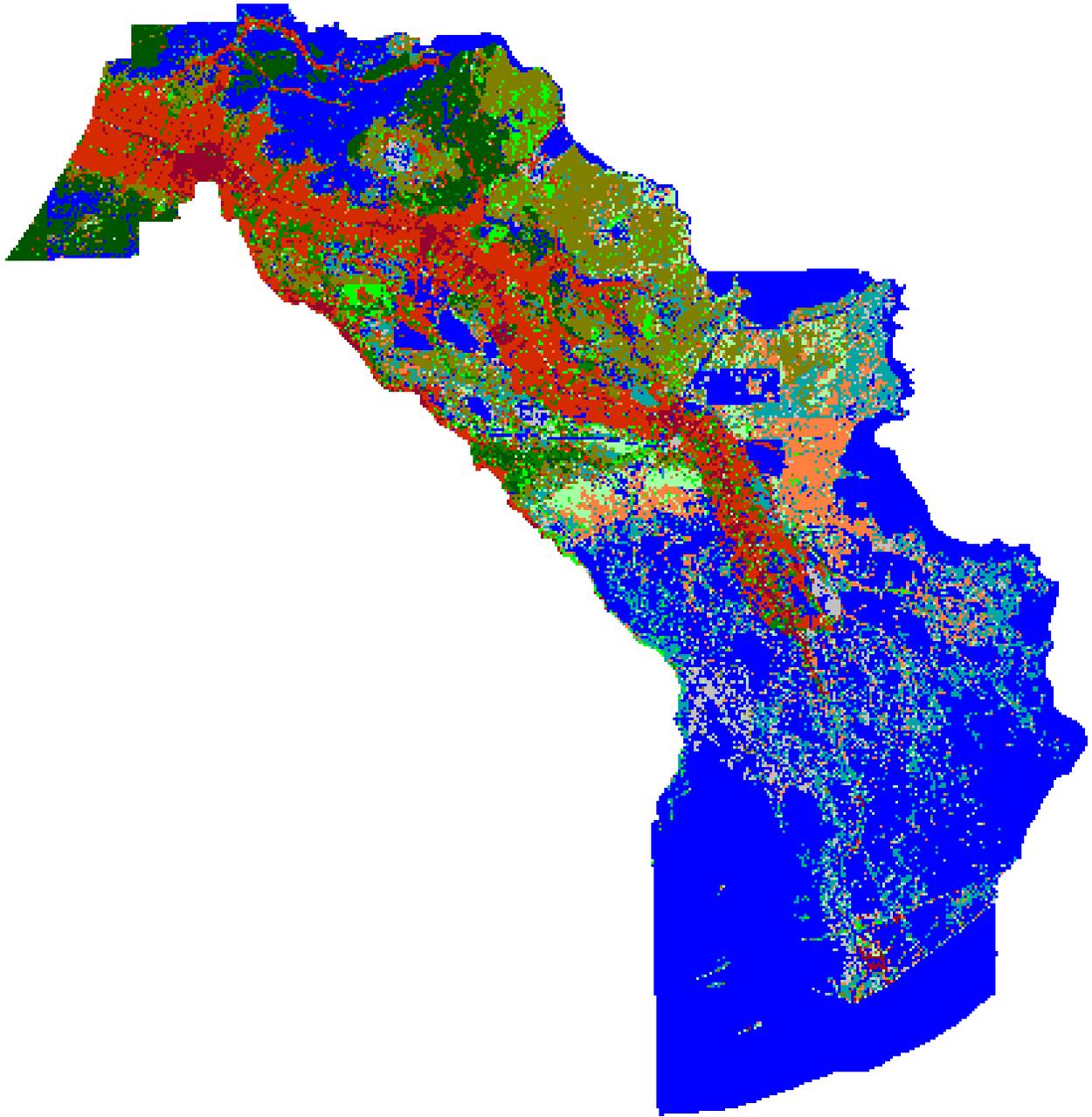


1.0 meter GSLR

2025

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

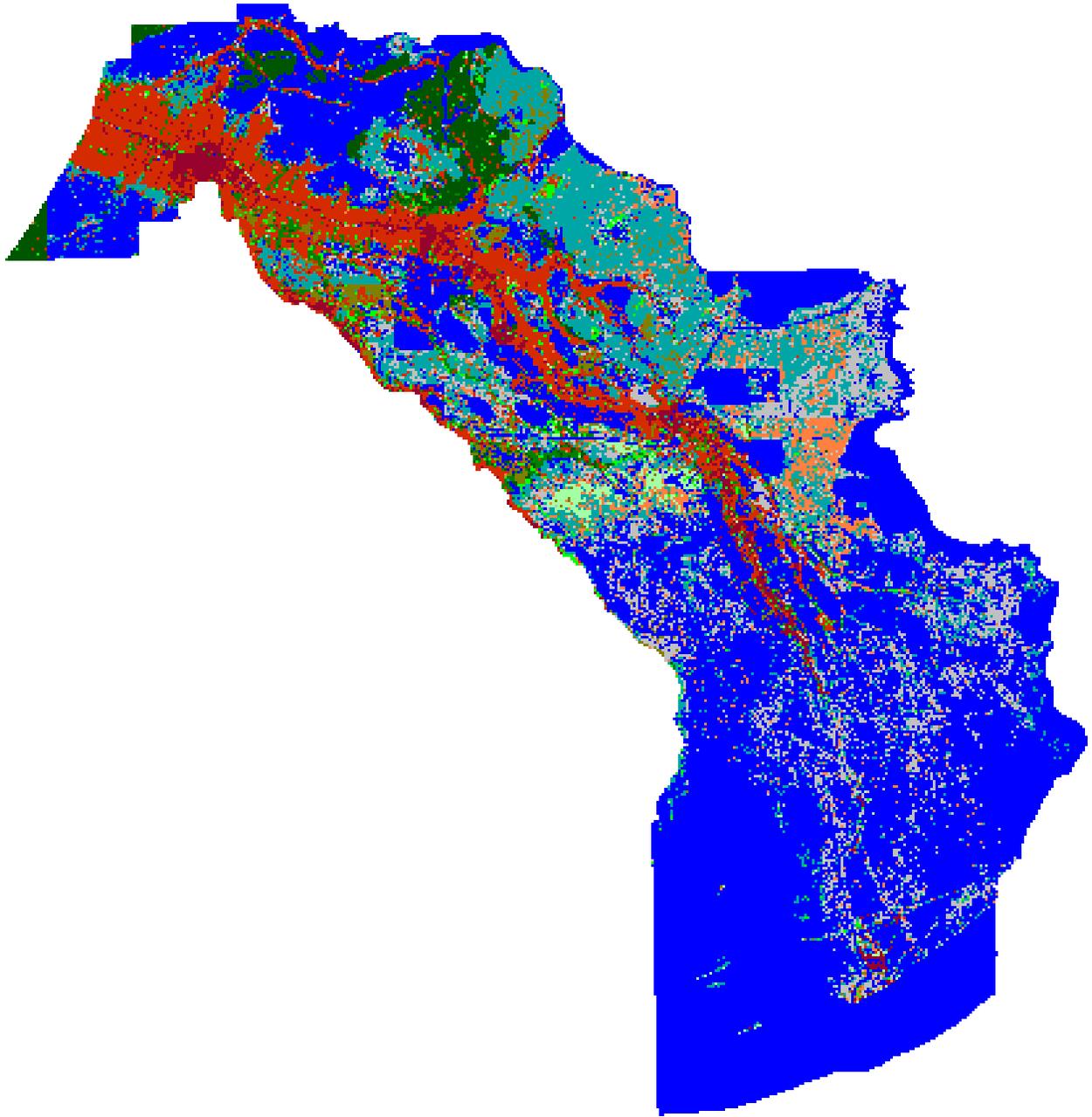


1.0 meter GSLR

2050

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

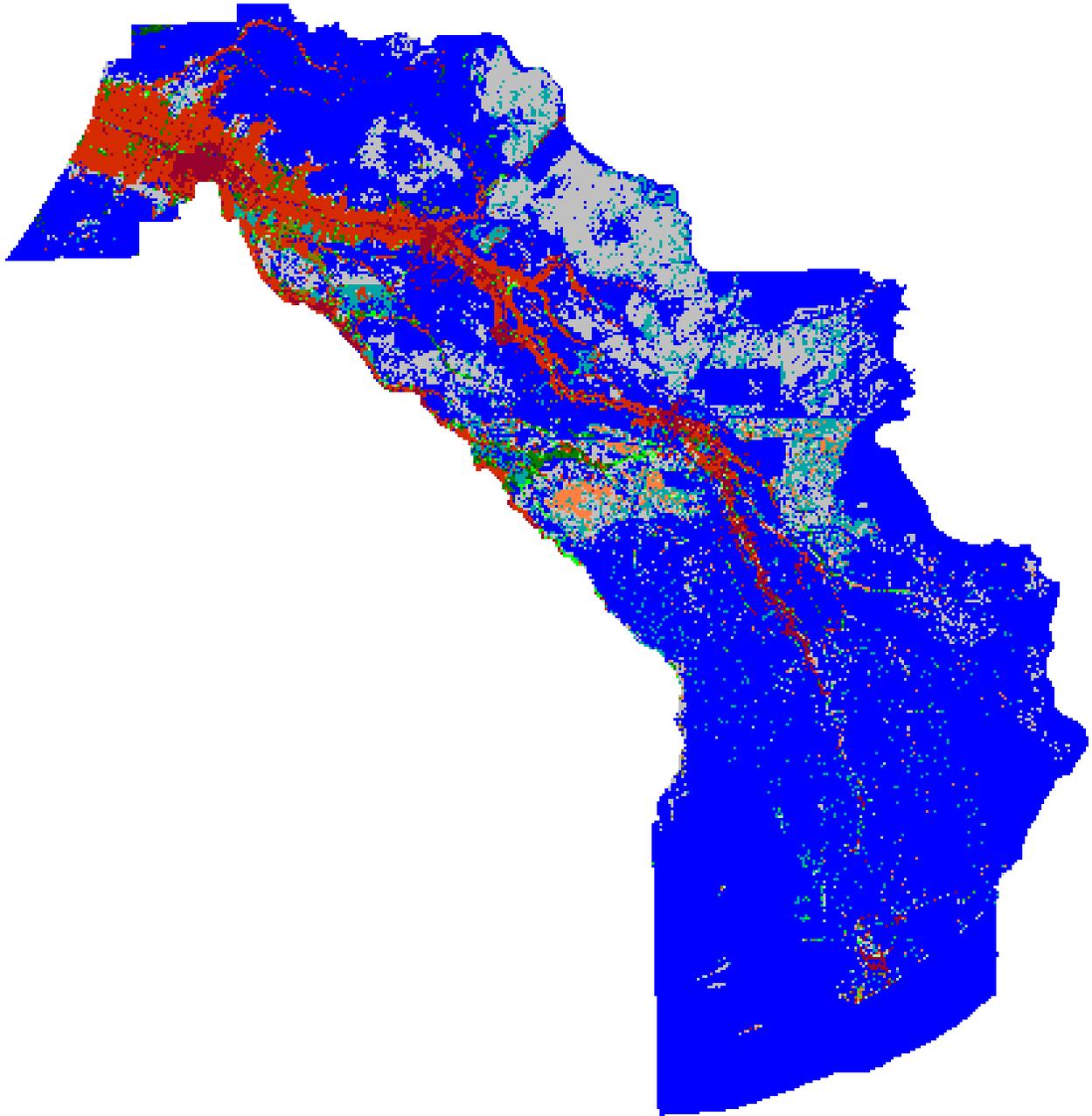


1.0 meter GSLR

2075

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

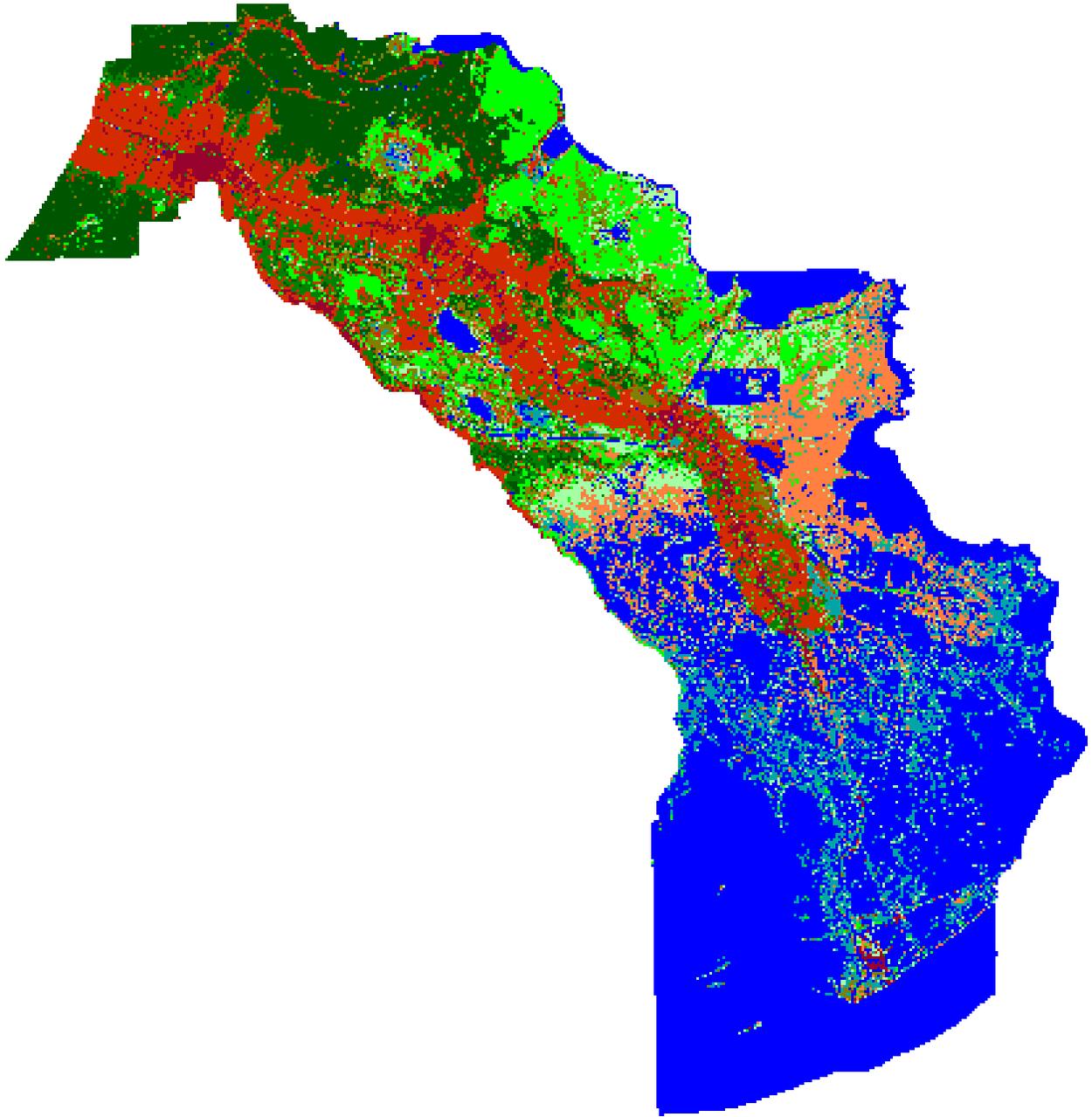


1.0 meter GSLR

2100

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

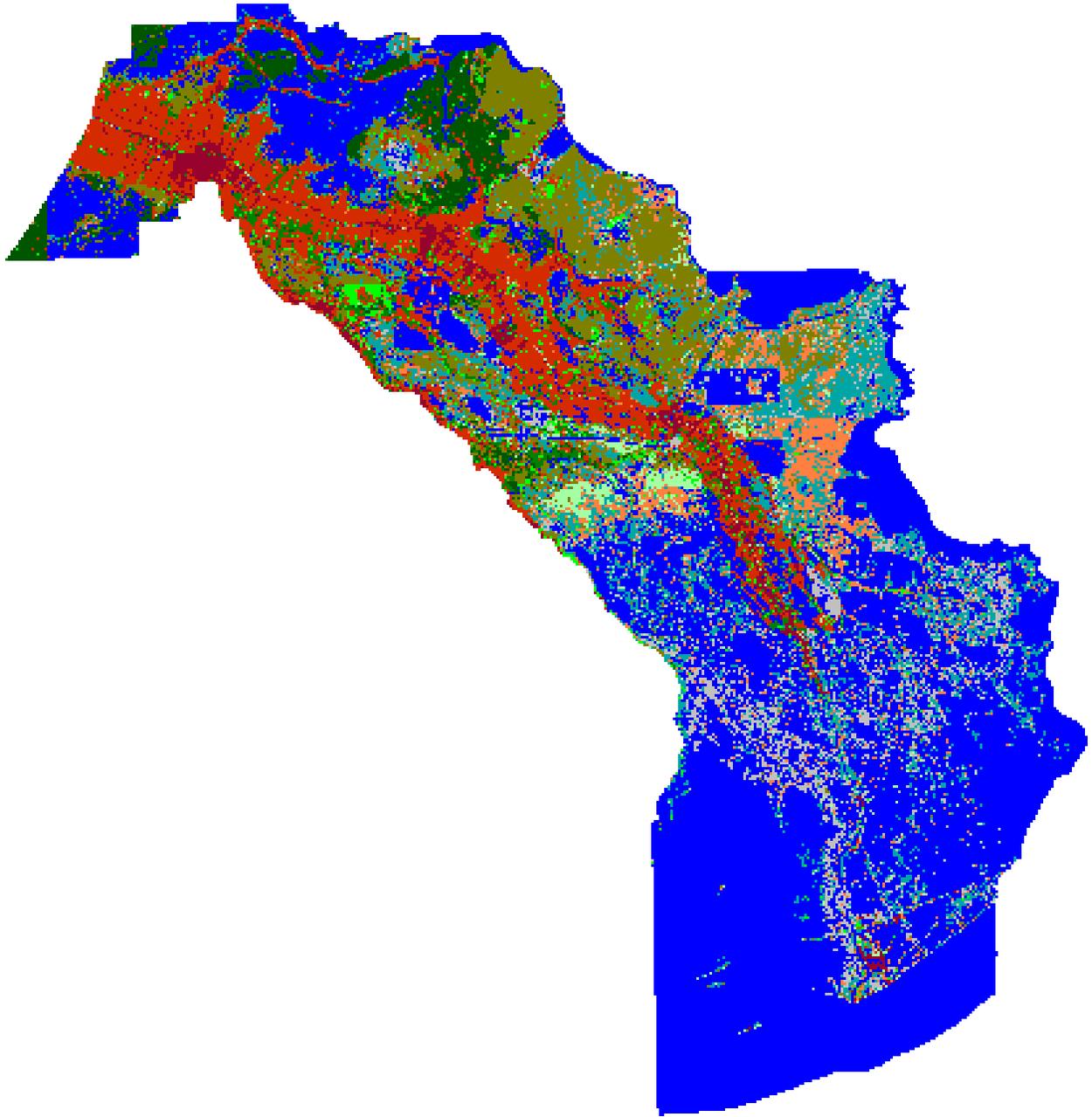


1.5 meter GSLR

2025

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

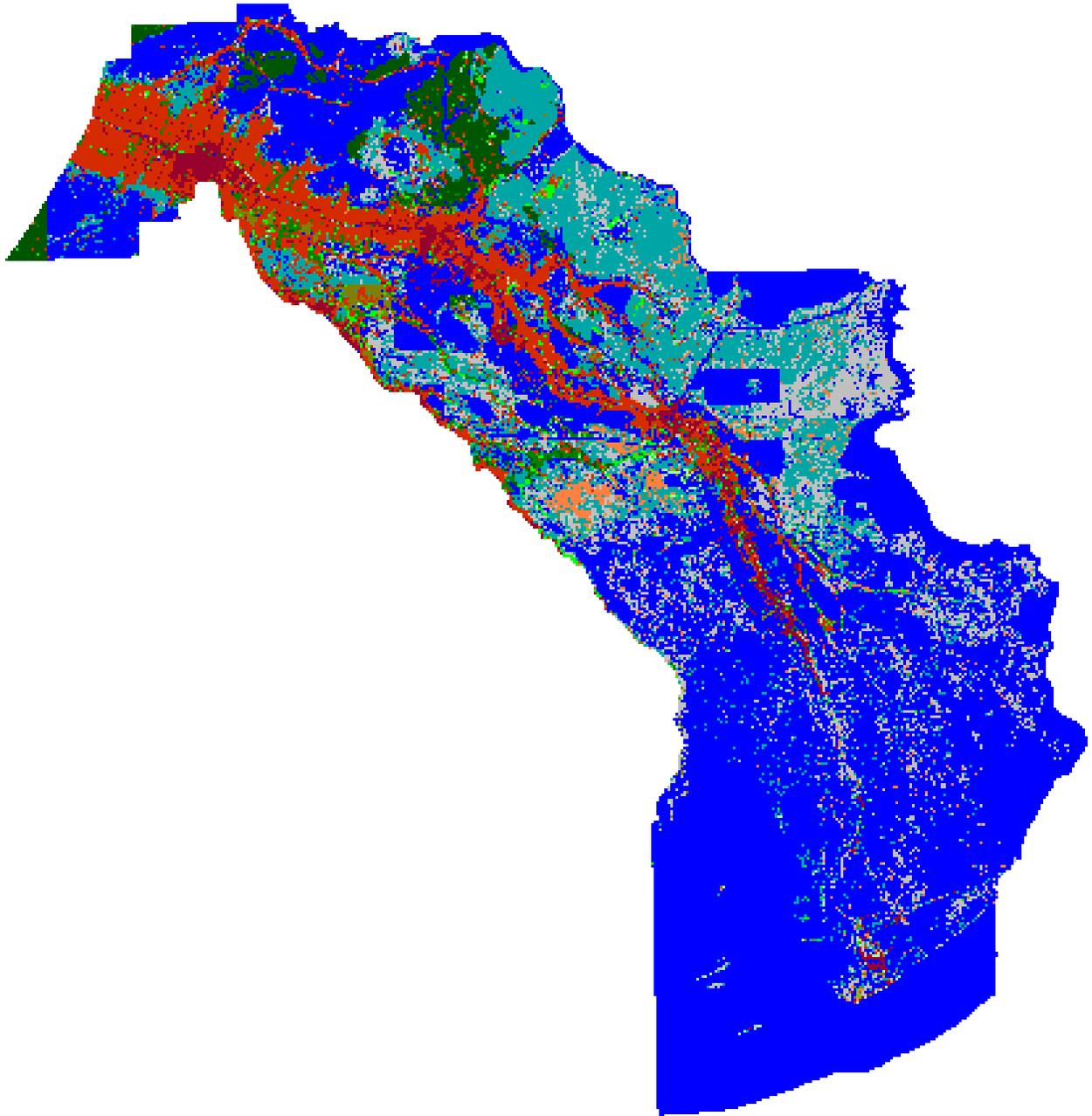


1.5 meter GSLR

2050

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

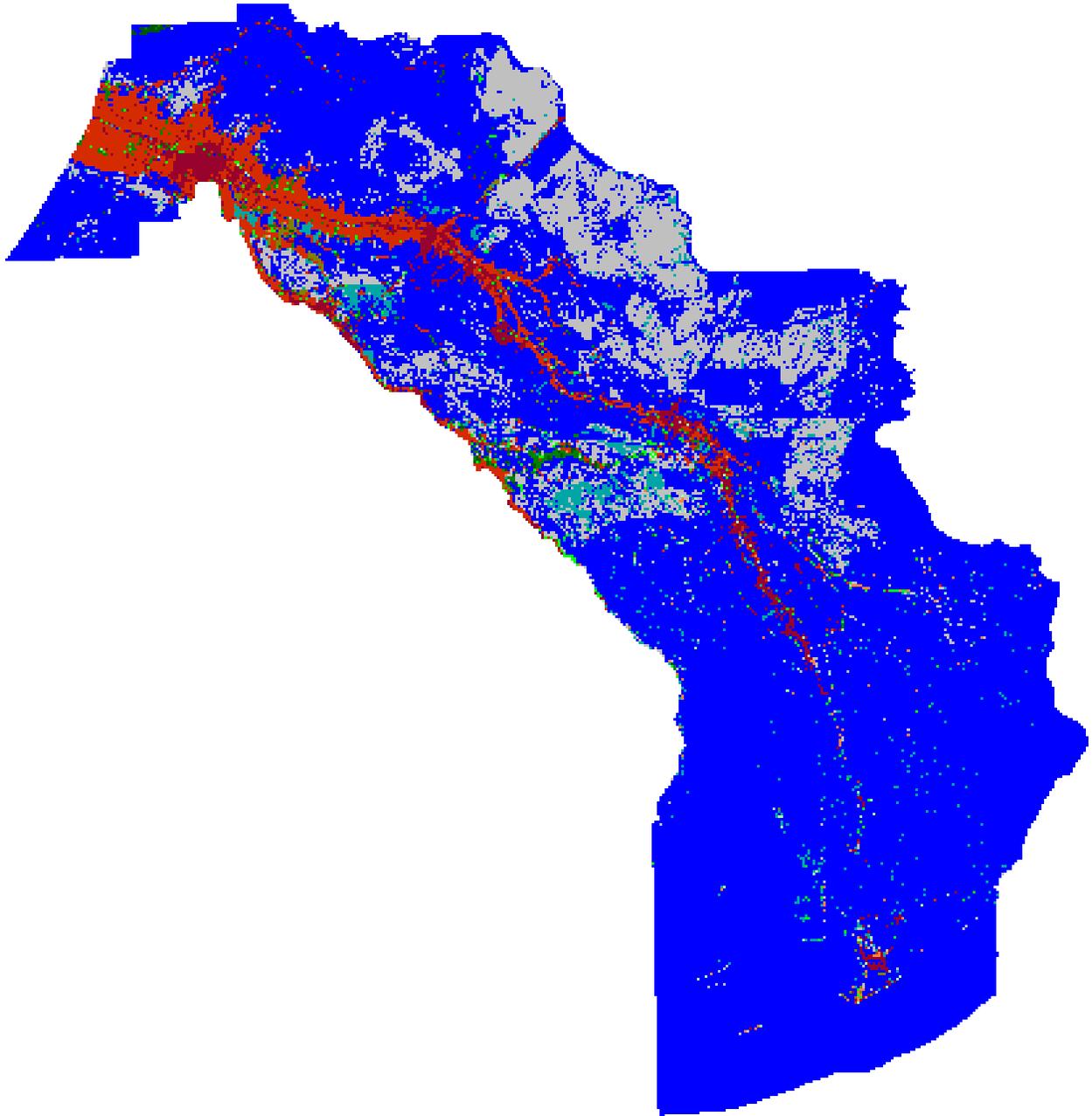


1.5 meter GSLR

2075

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

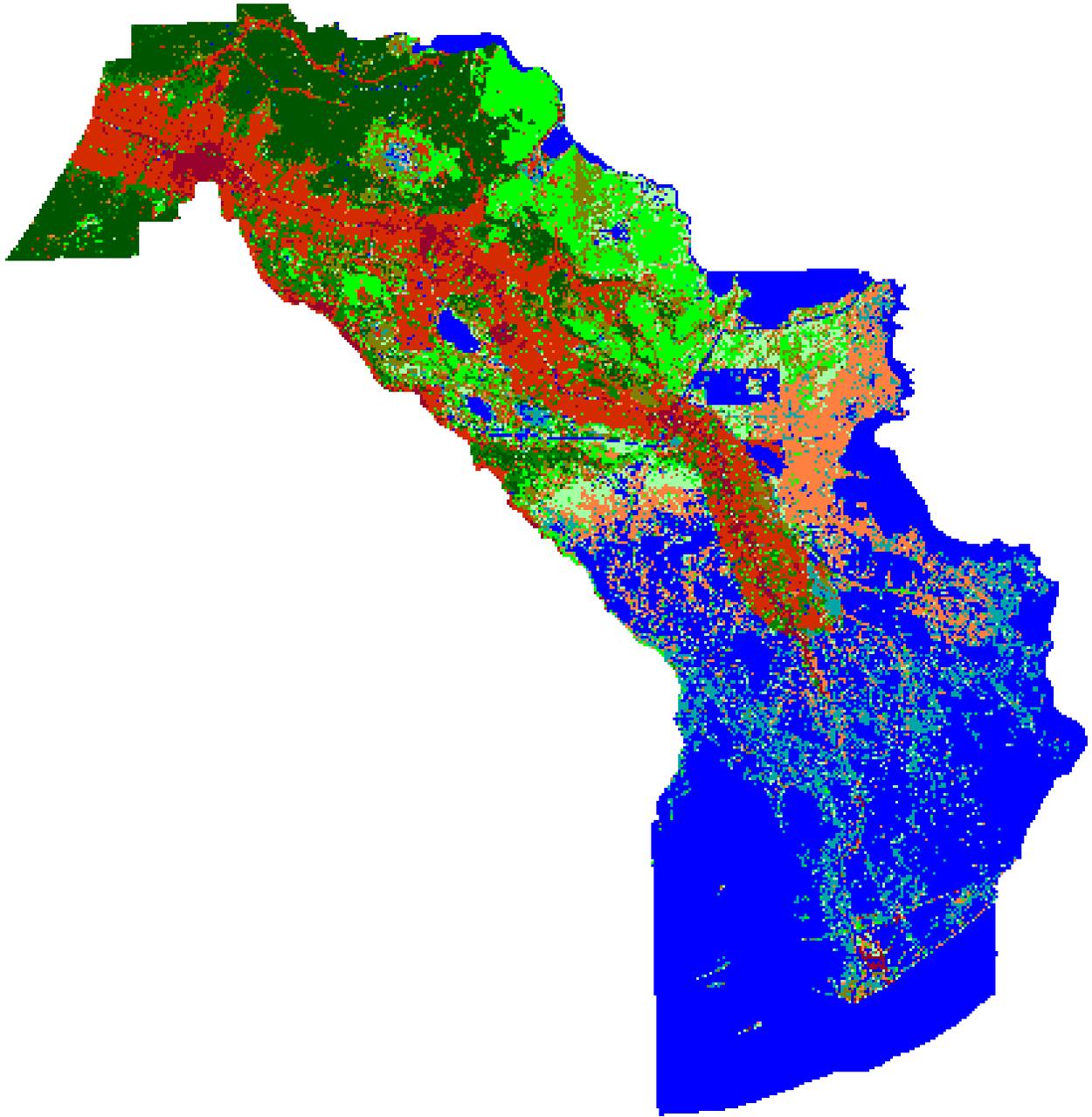


1.5 meter GSLR

2100

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

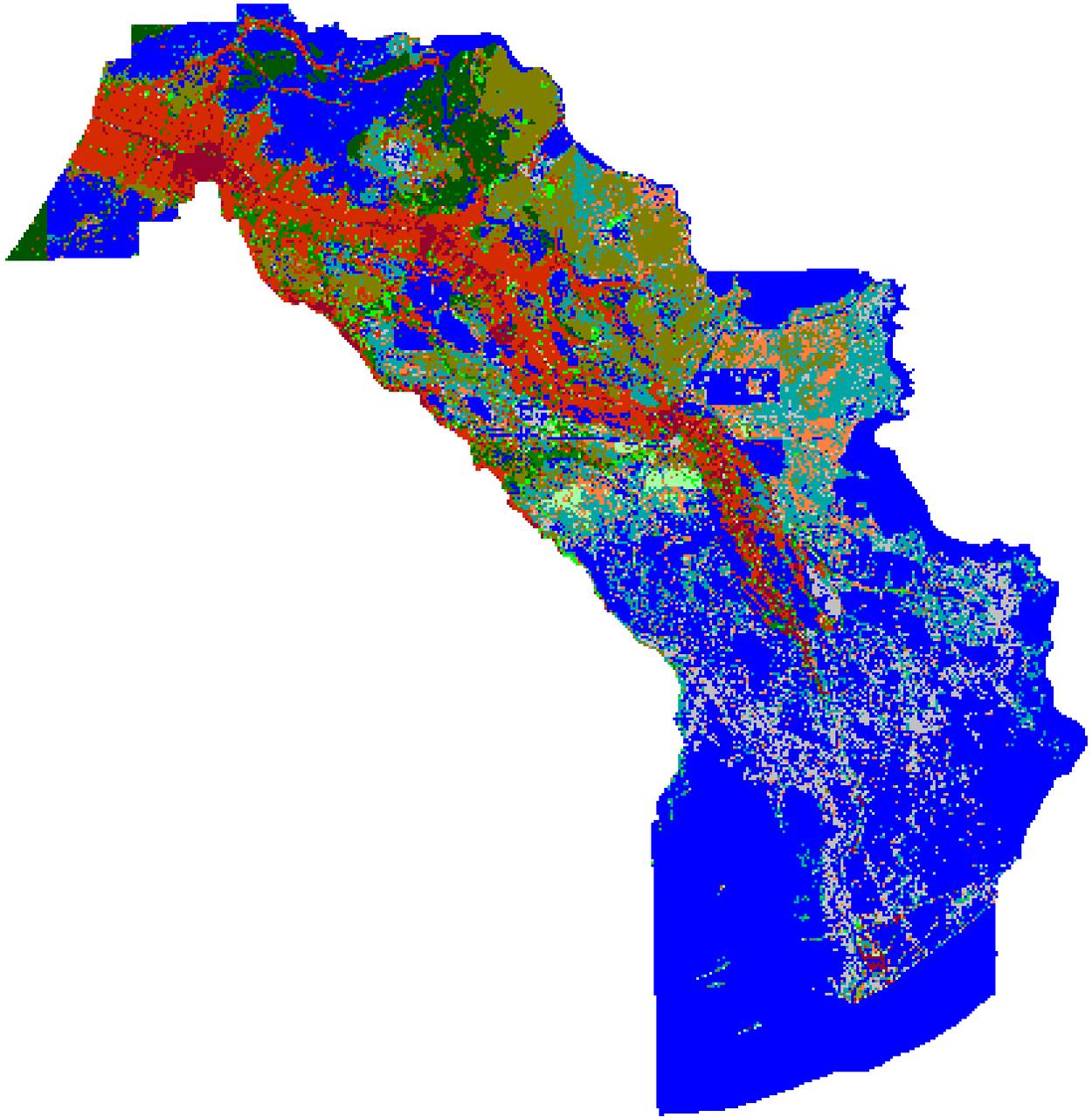


2.0 meter GSLR

2025

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

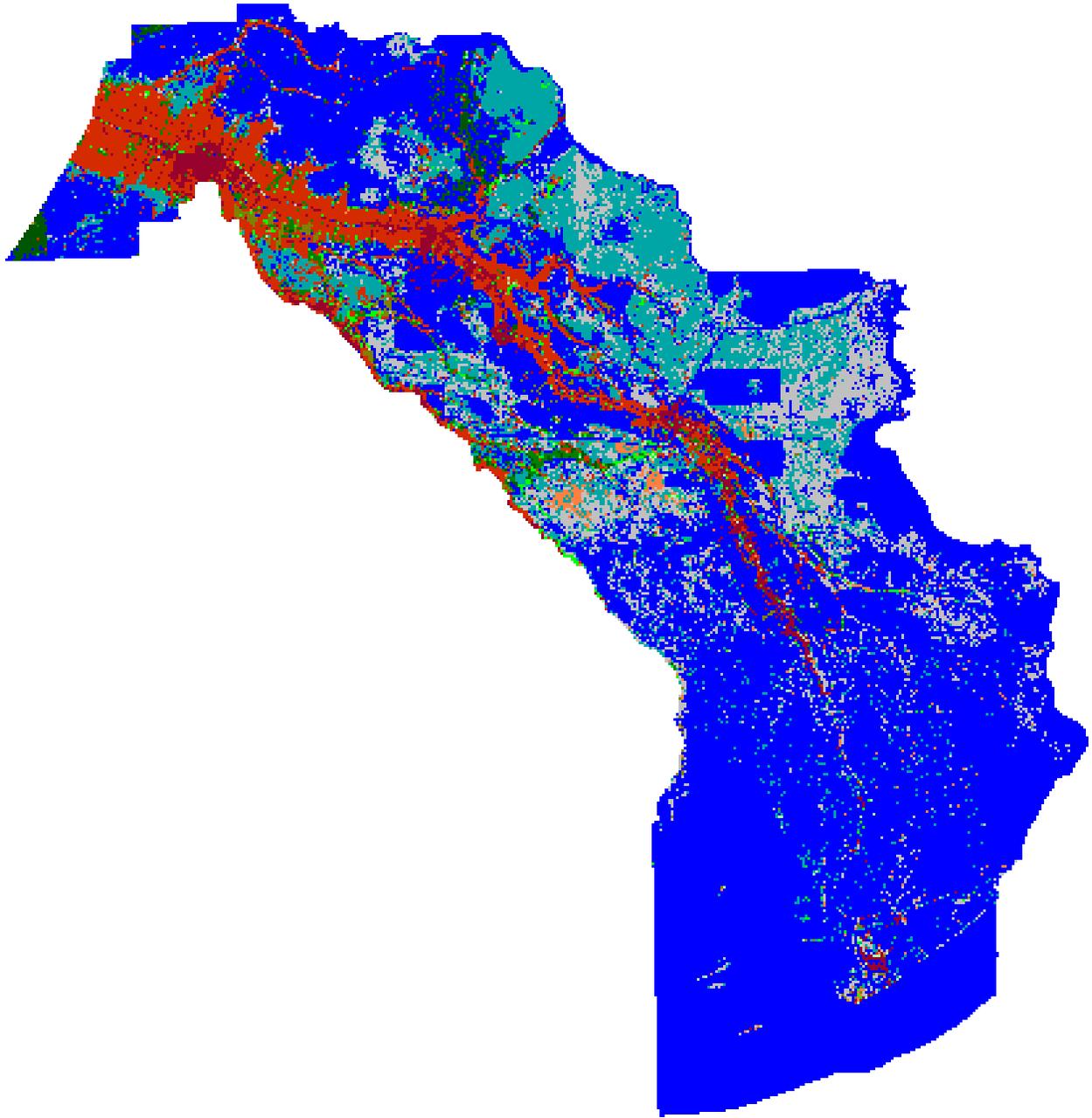


2.0 meter GSLR

2050

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

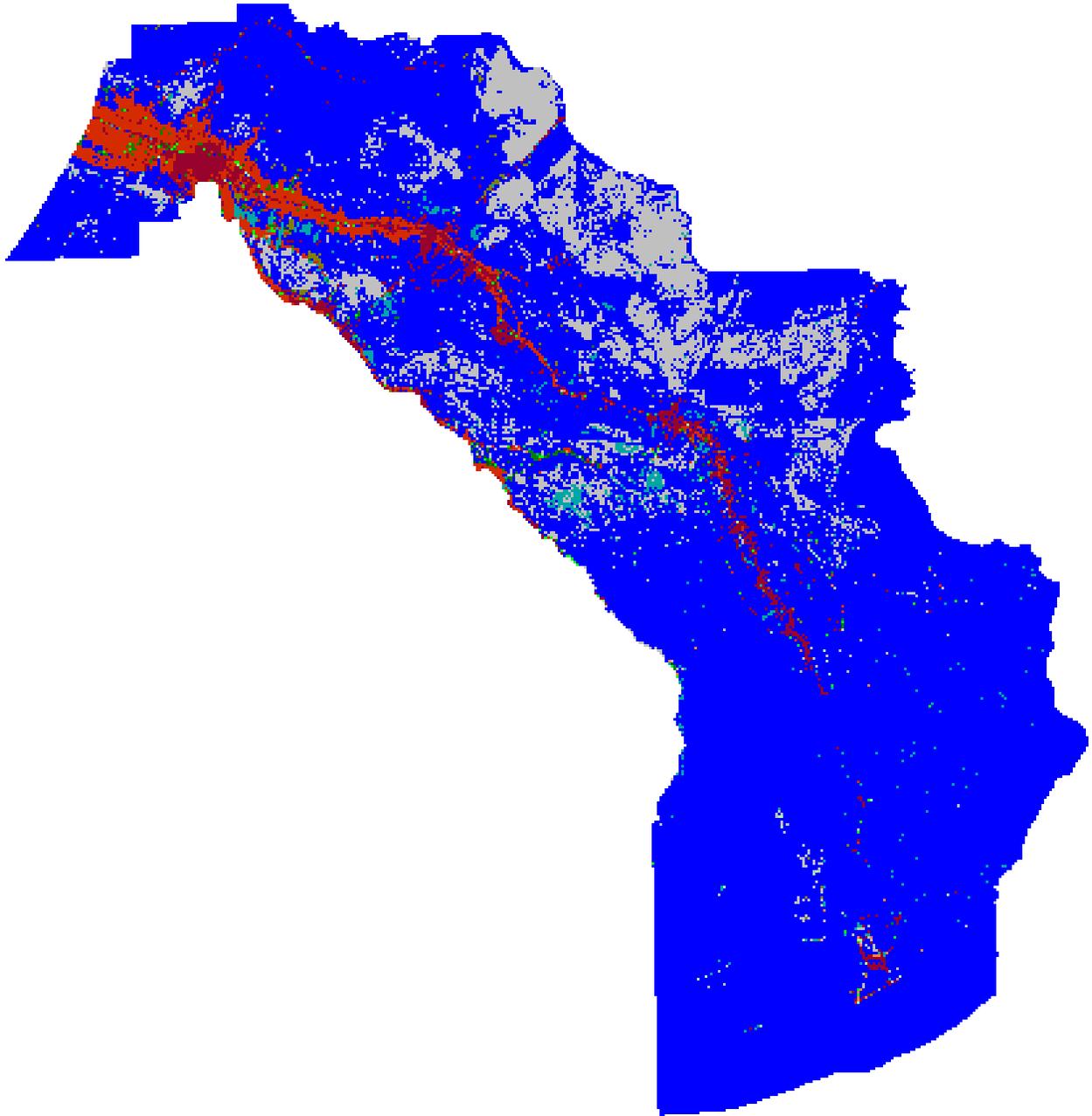


2.0 meter GSLR

2075

Lafourche Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

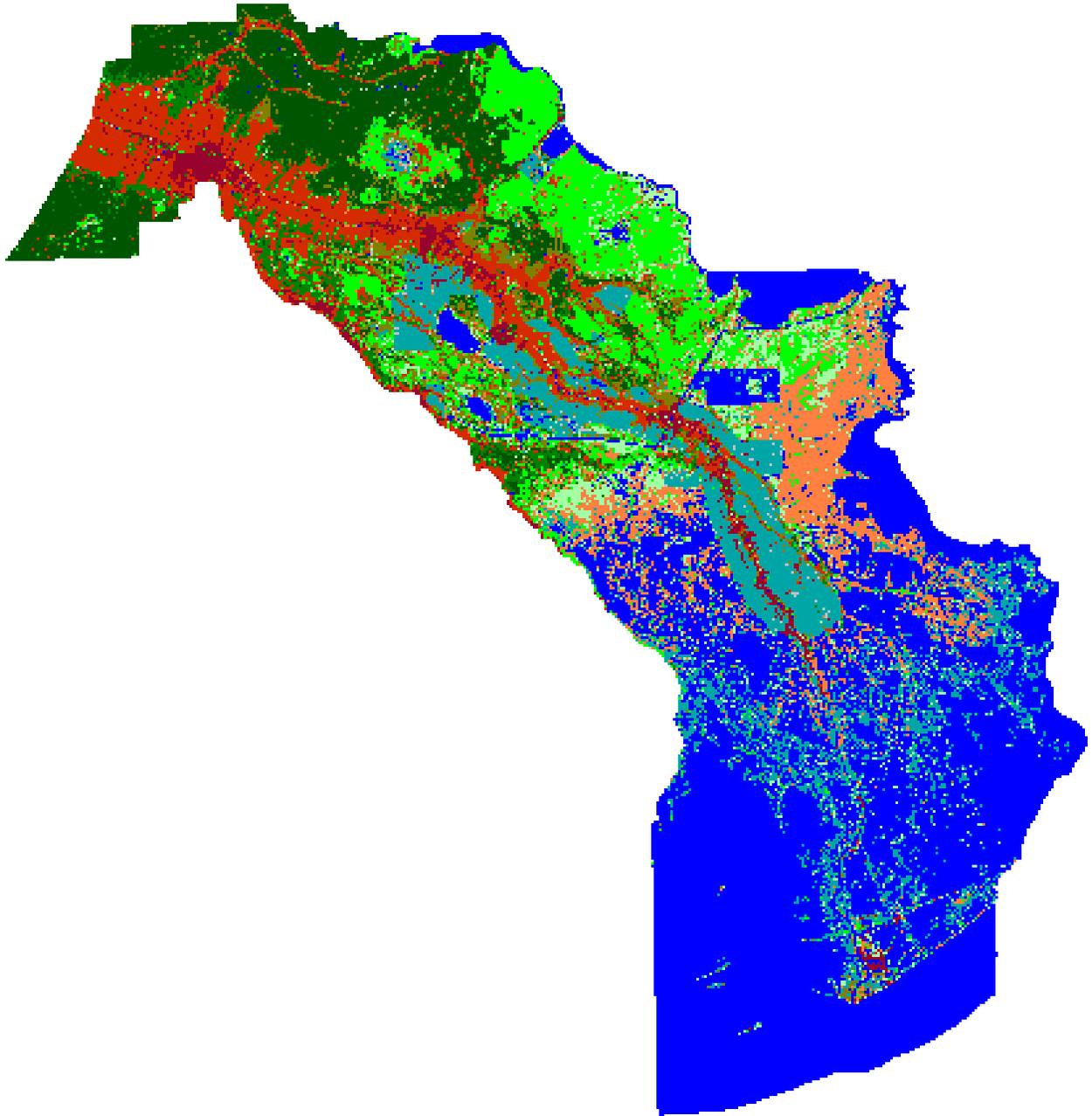


2.0 meter GSLR

2100

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

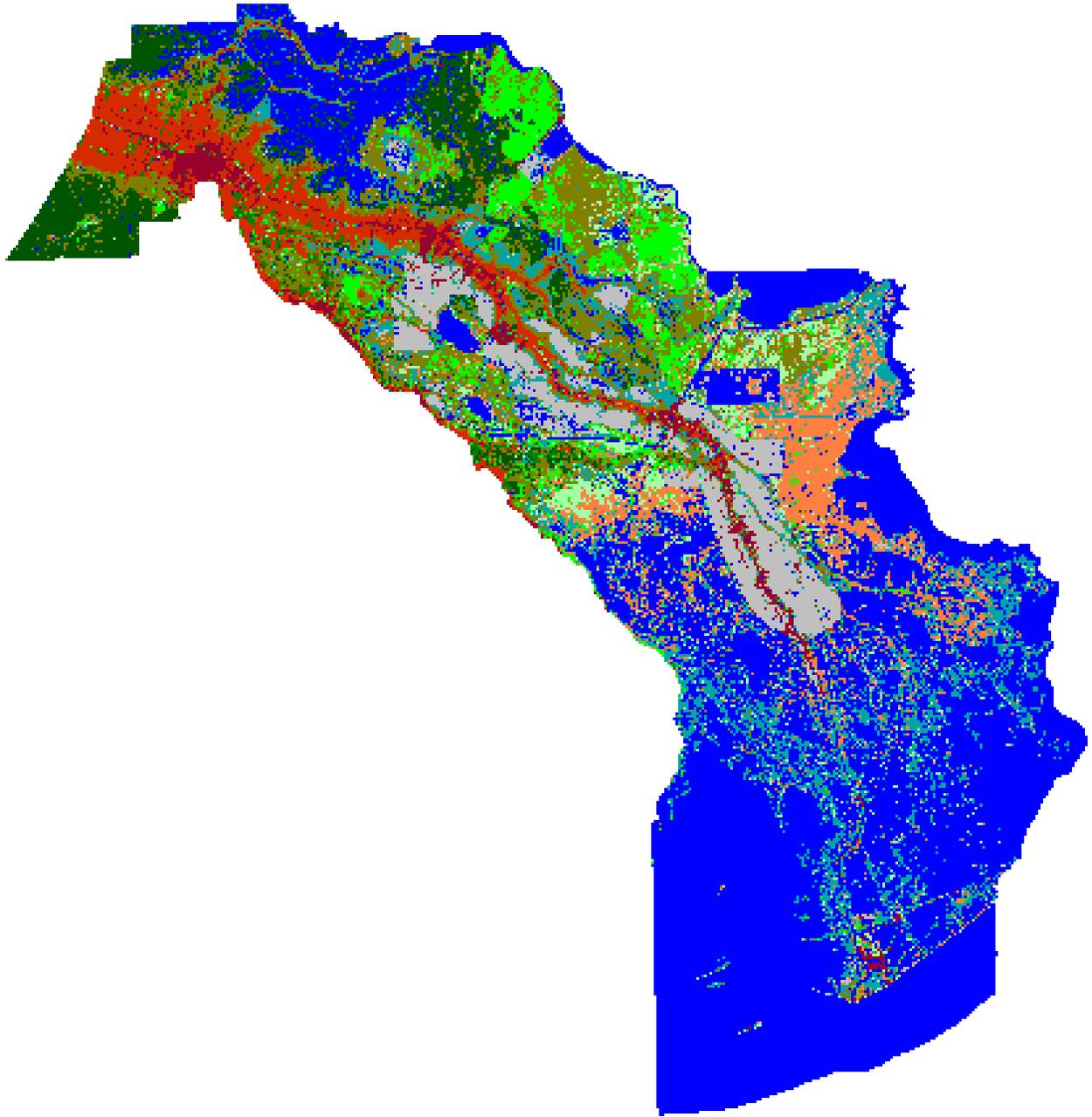


0.5 meter GSLR

2025

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

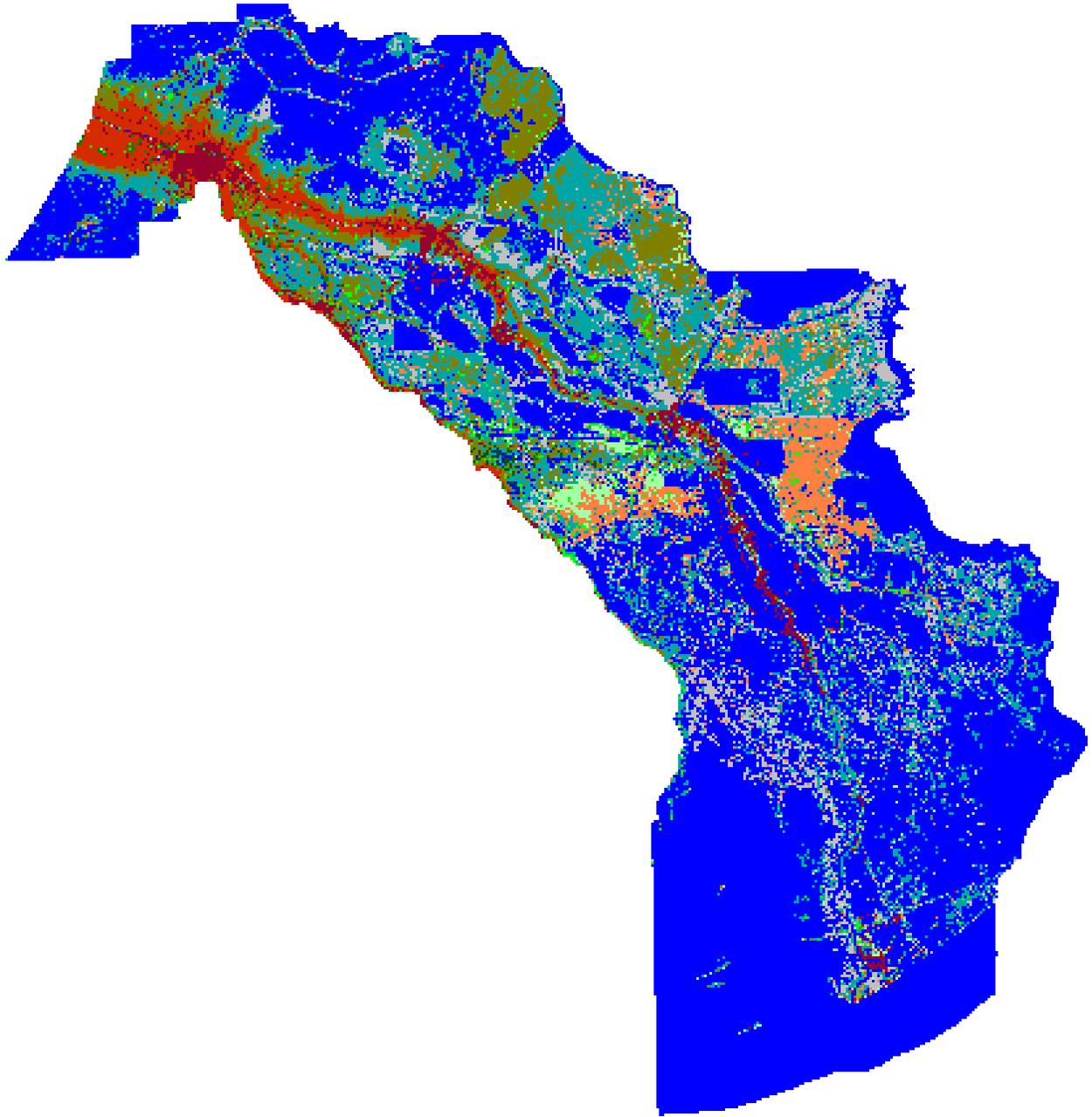


0.5 meter GSLR

2050

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

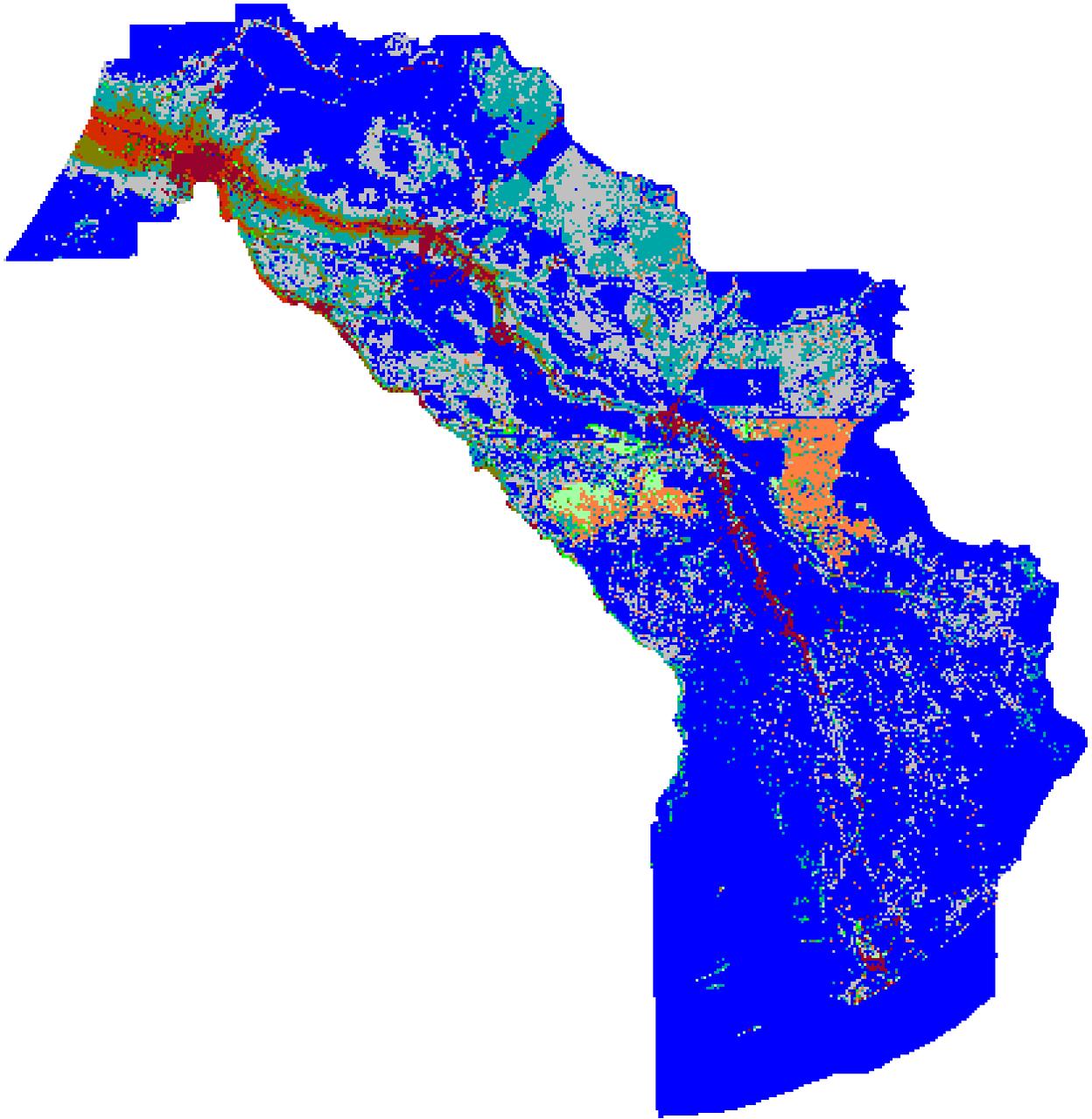


0.5 meter GSLR

2075

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

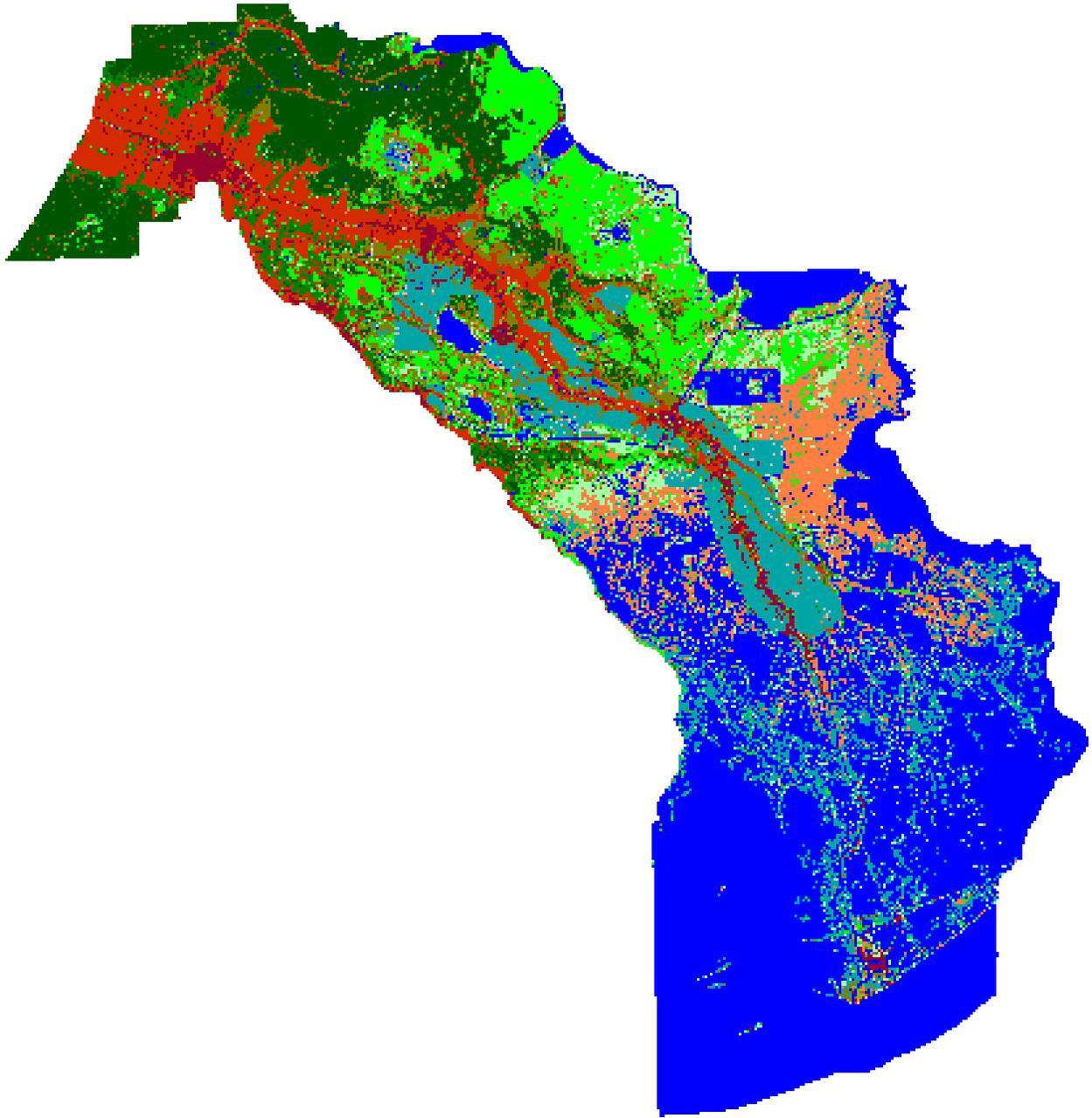


0.5 meter GSLR

2100

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

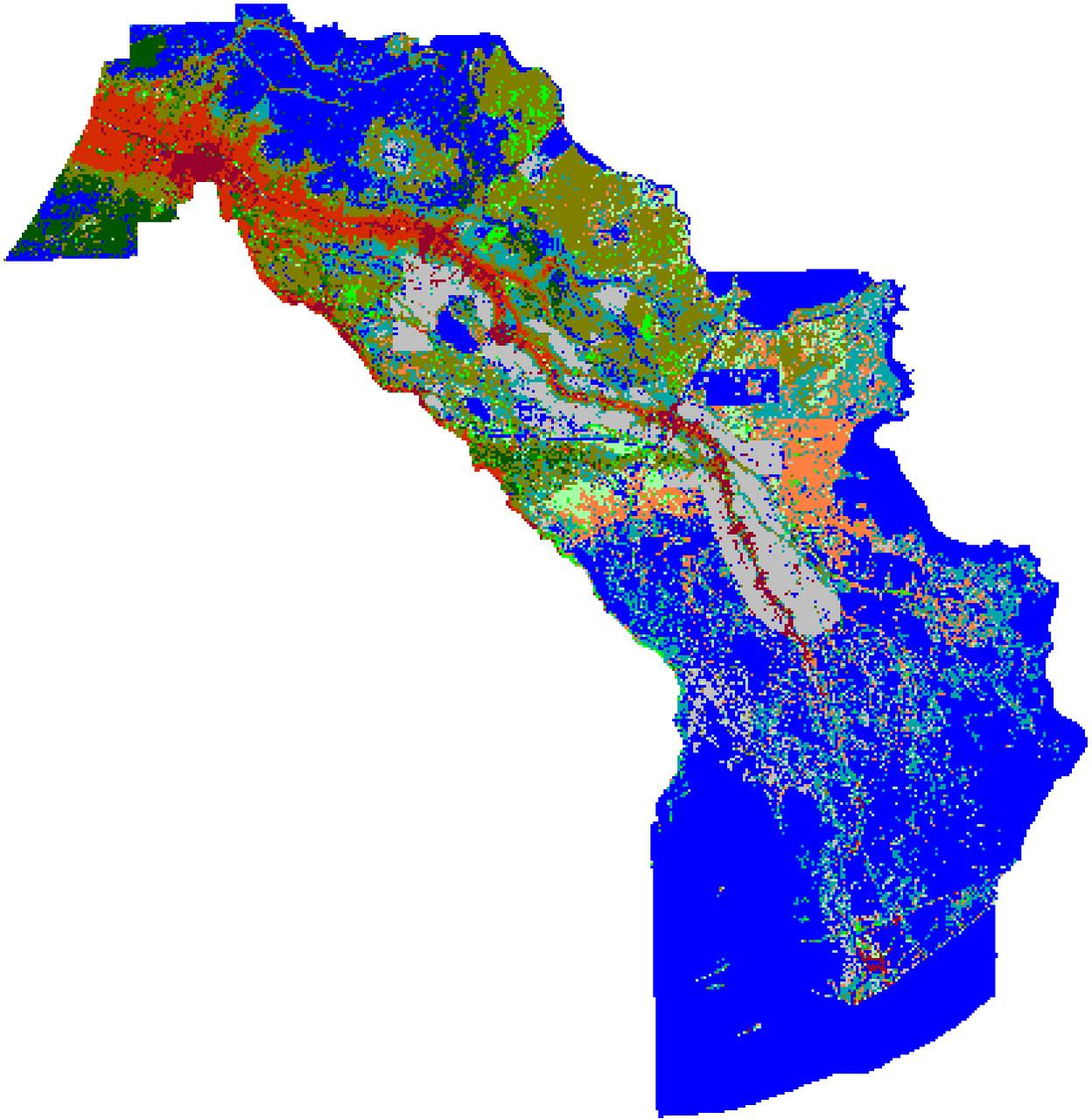


1.0 meter GSLR

2025

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

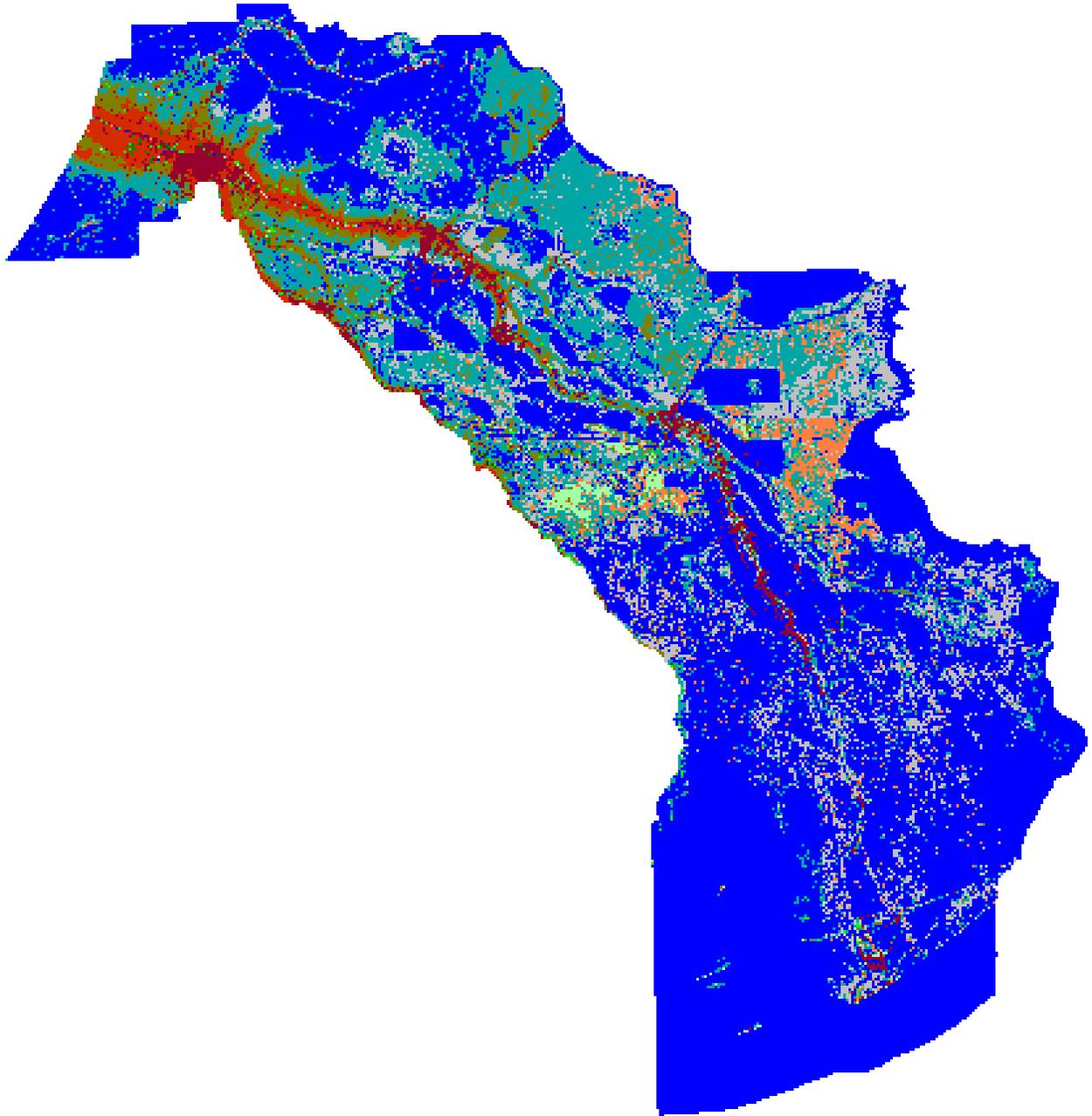


1.0 meter GSLR

2050

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

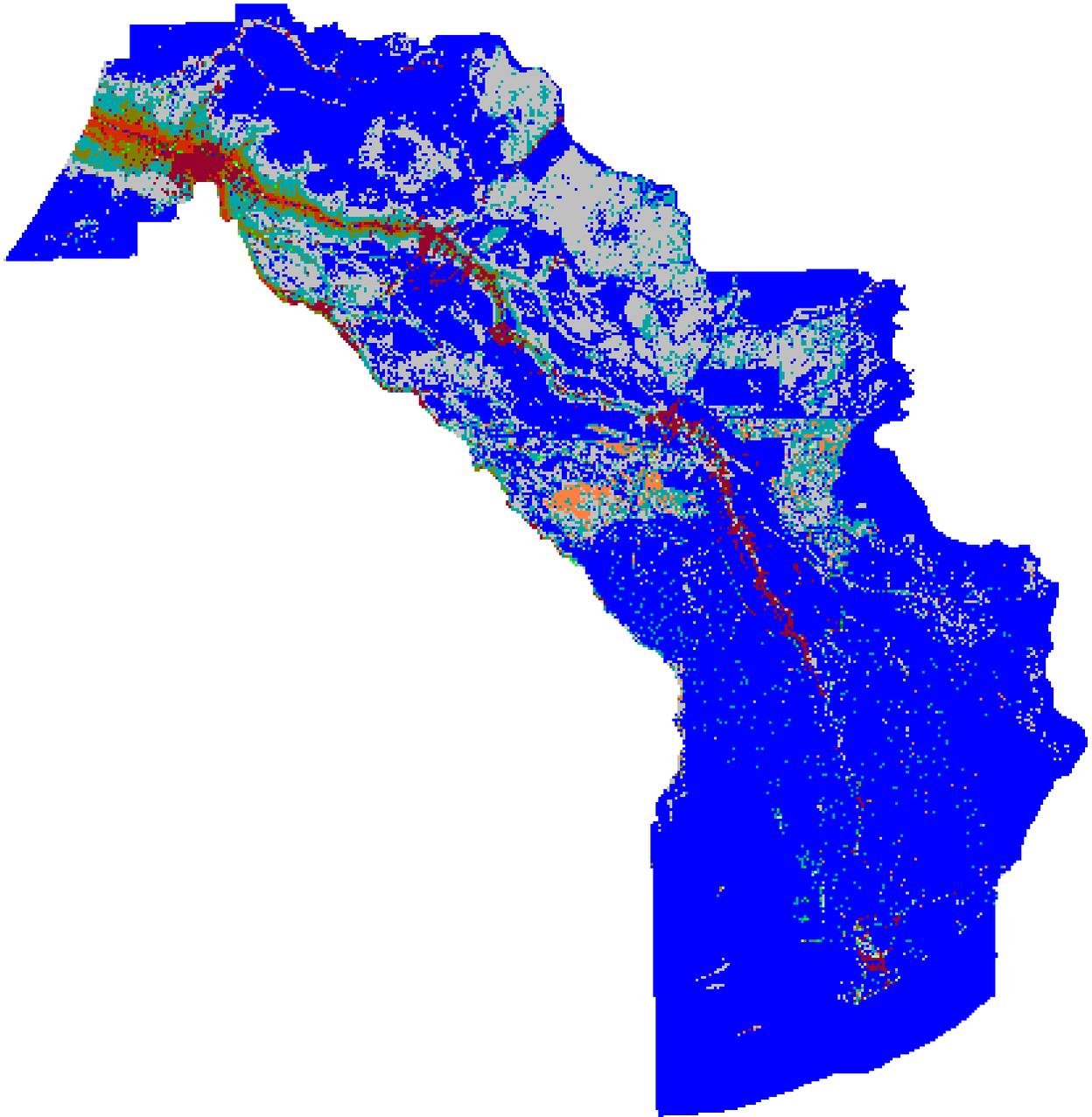


1.0 meter GSLR

2075

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

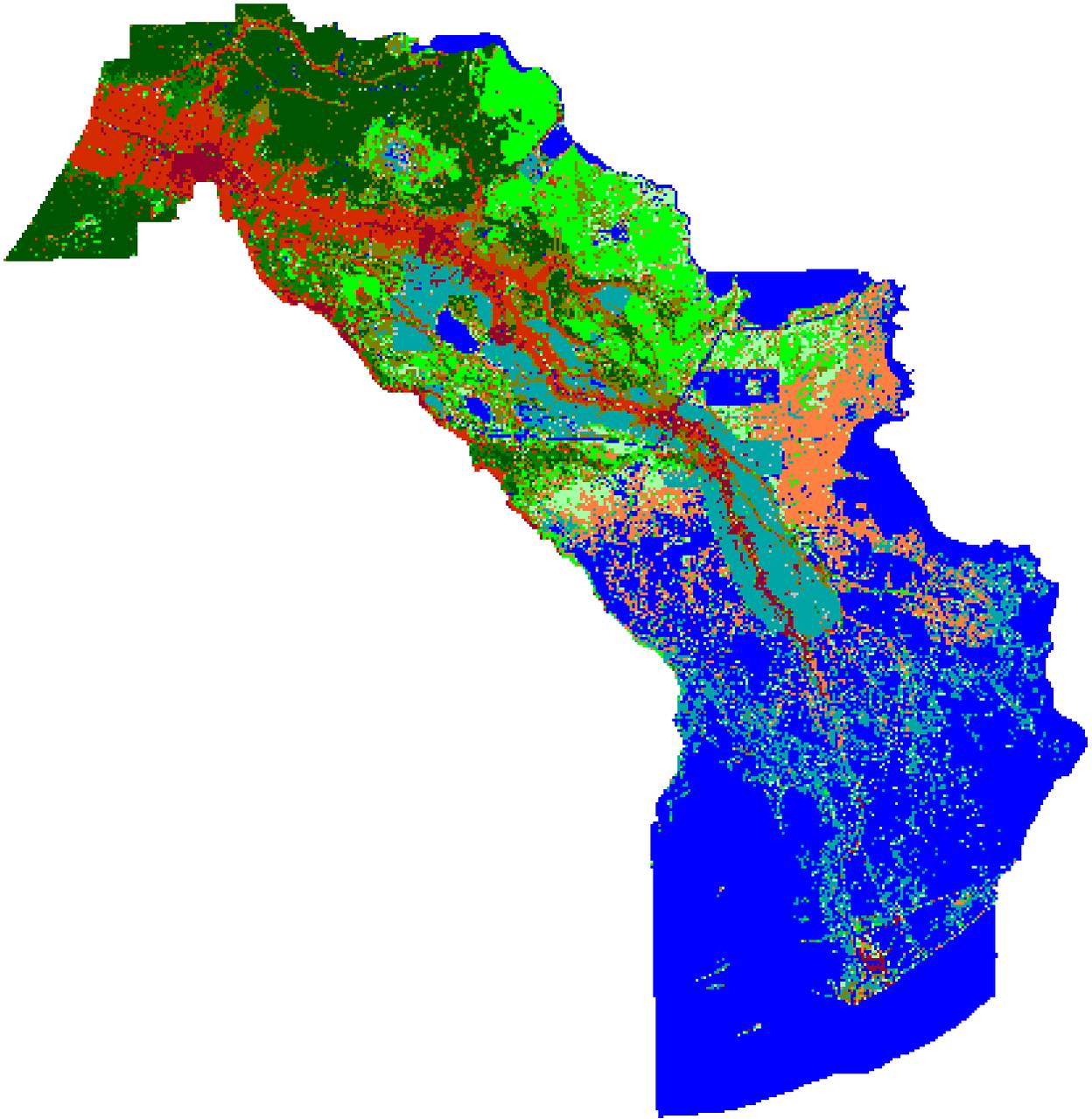


1.0 meter GSLR

2100

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

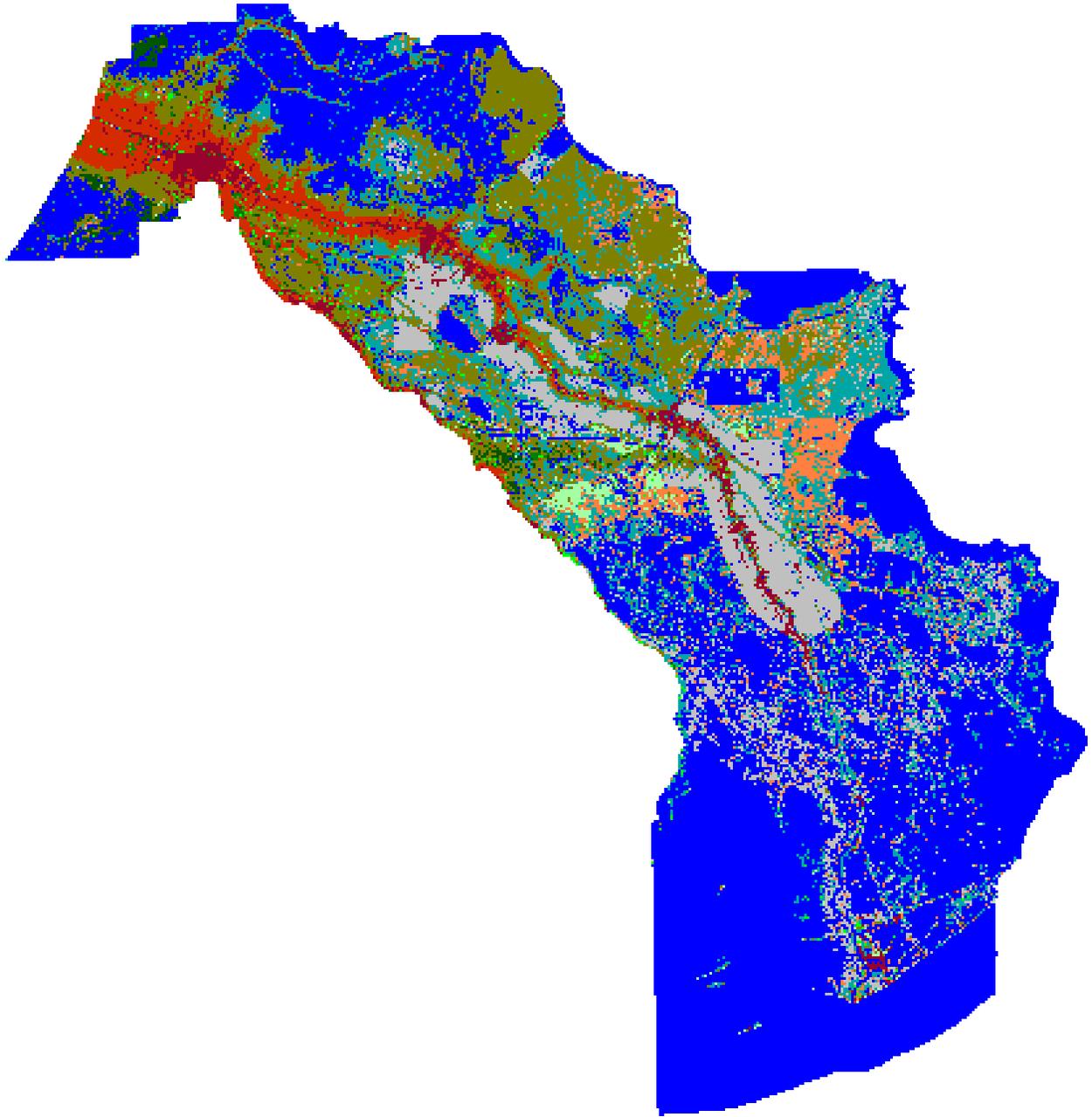


1.5 meter GSLR

2025

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

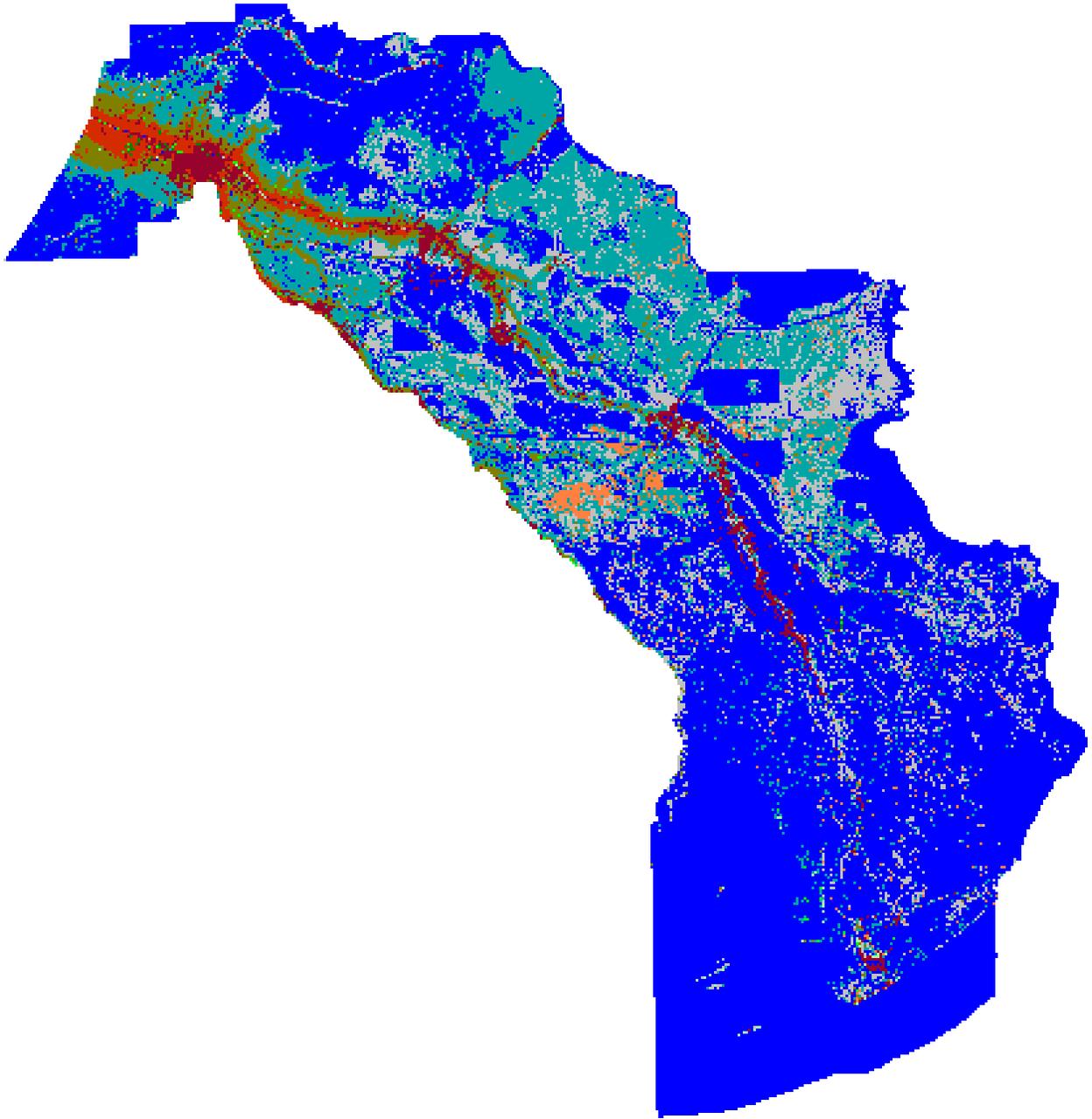


1.5 meter GSLR

2050

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

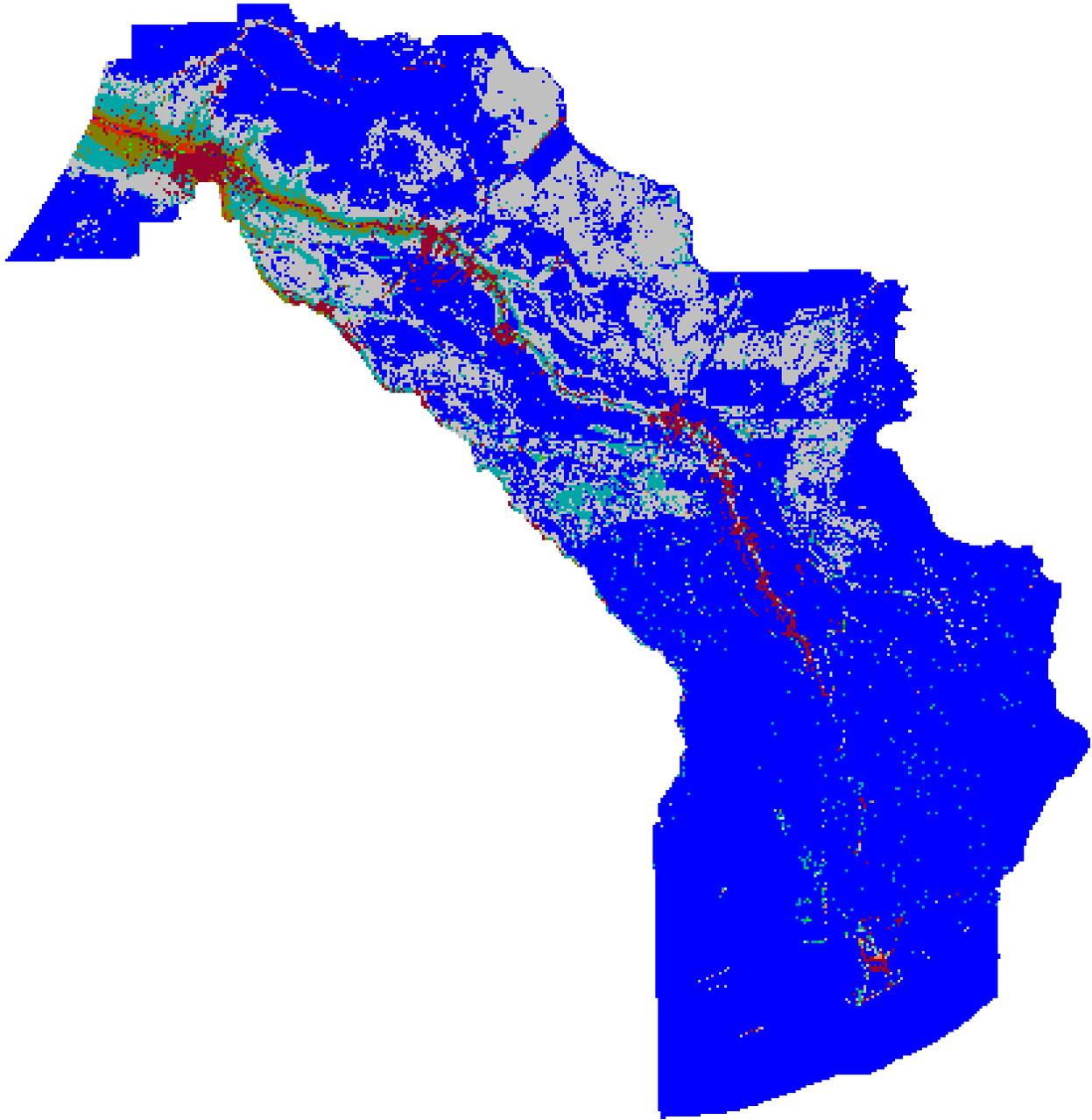


1.5 meter GSLR

2075

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

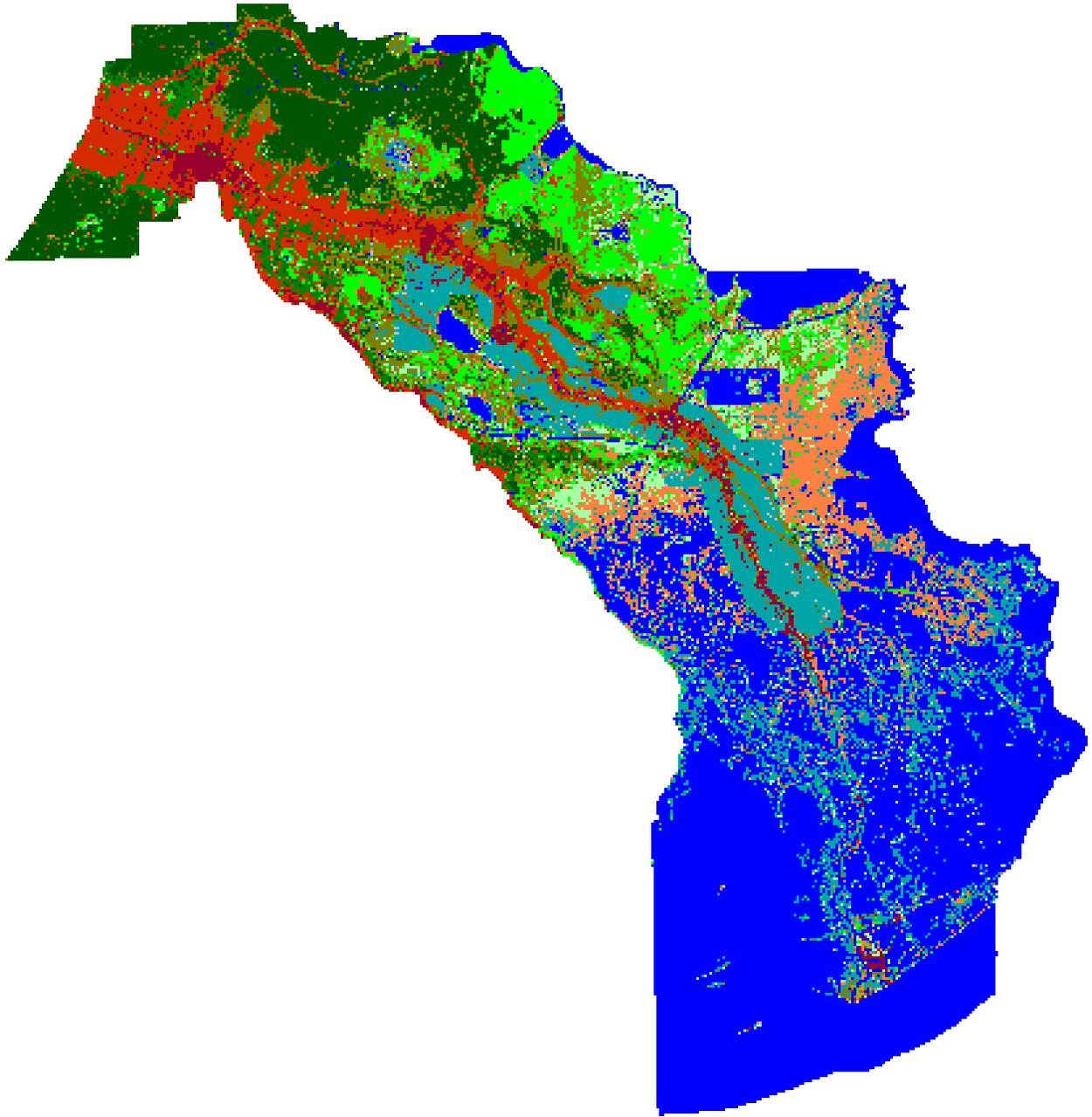


1.5 meter GSLR

2100

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

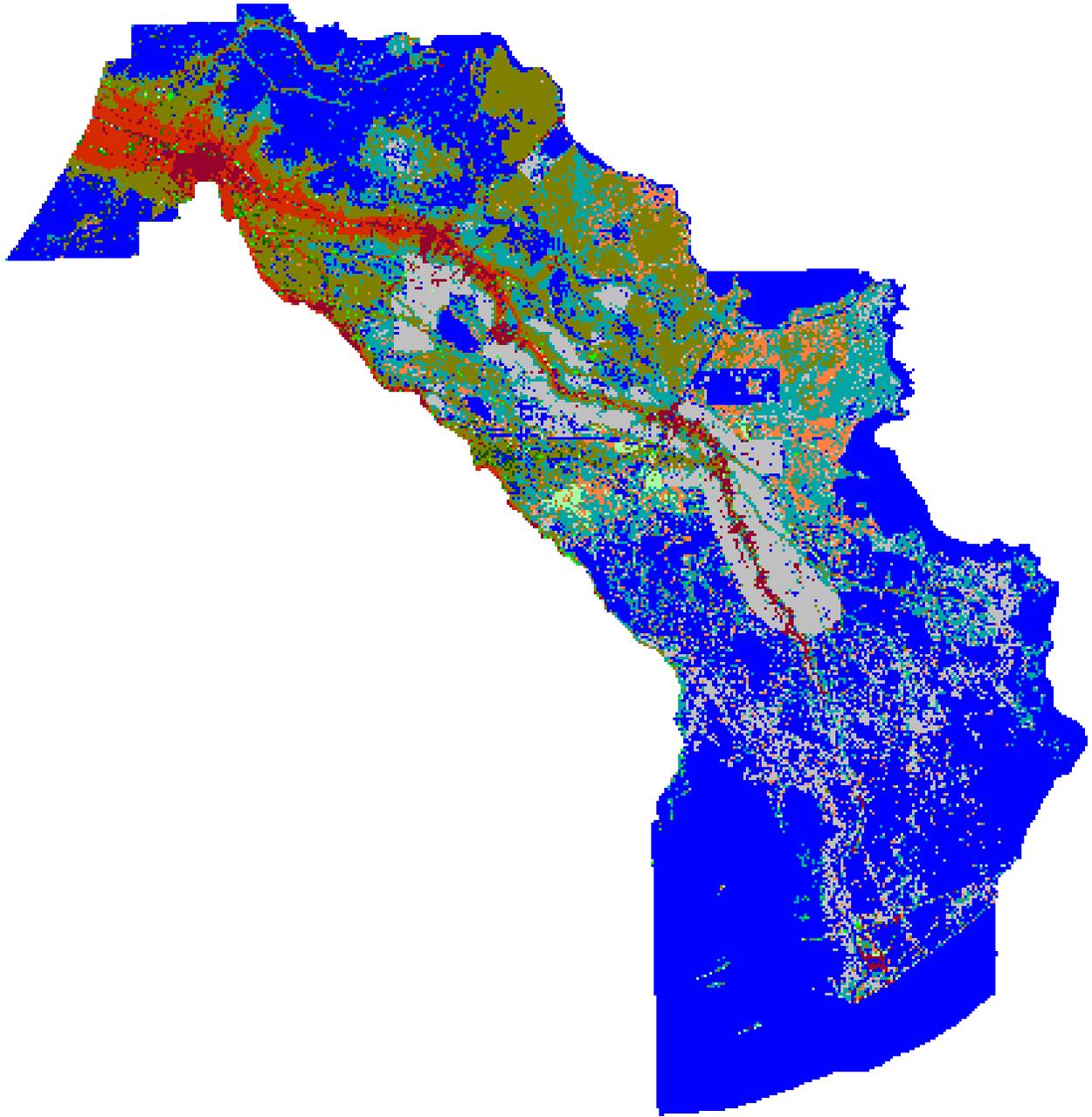


2.0 meter GSLR

2025

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

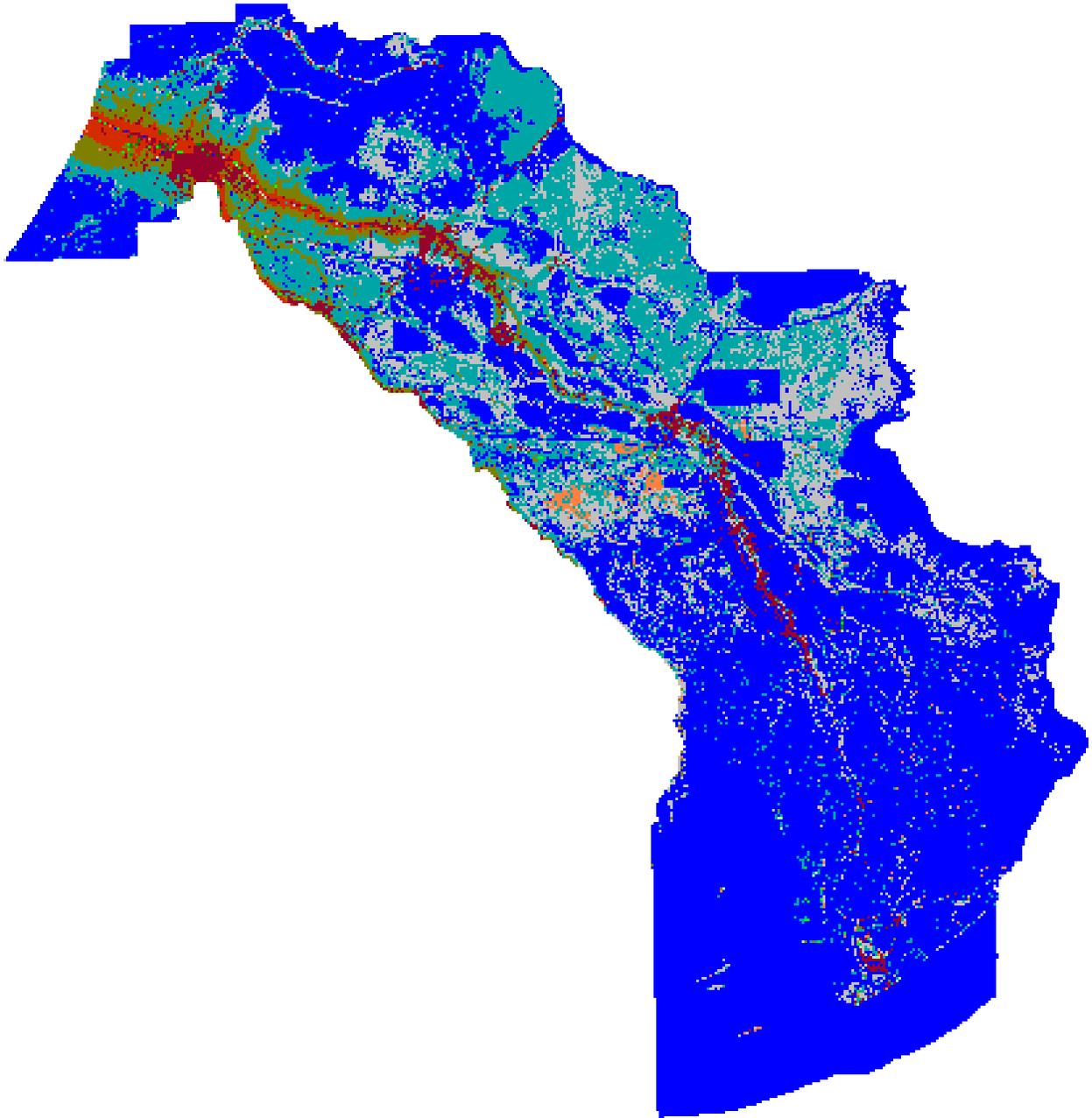


2.0 meter GSLR

2050

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

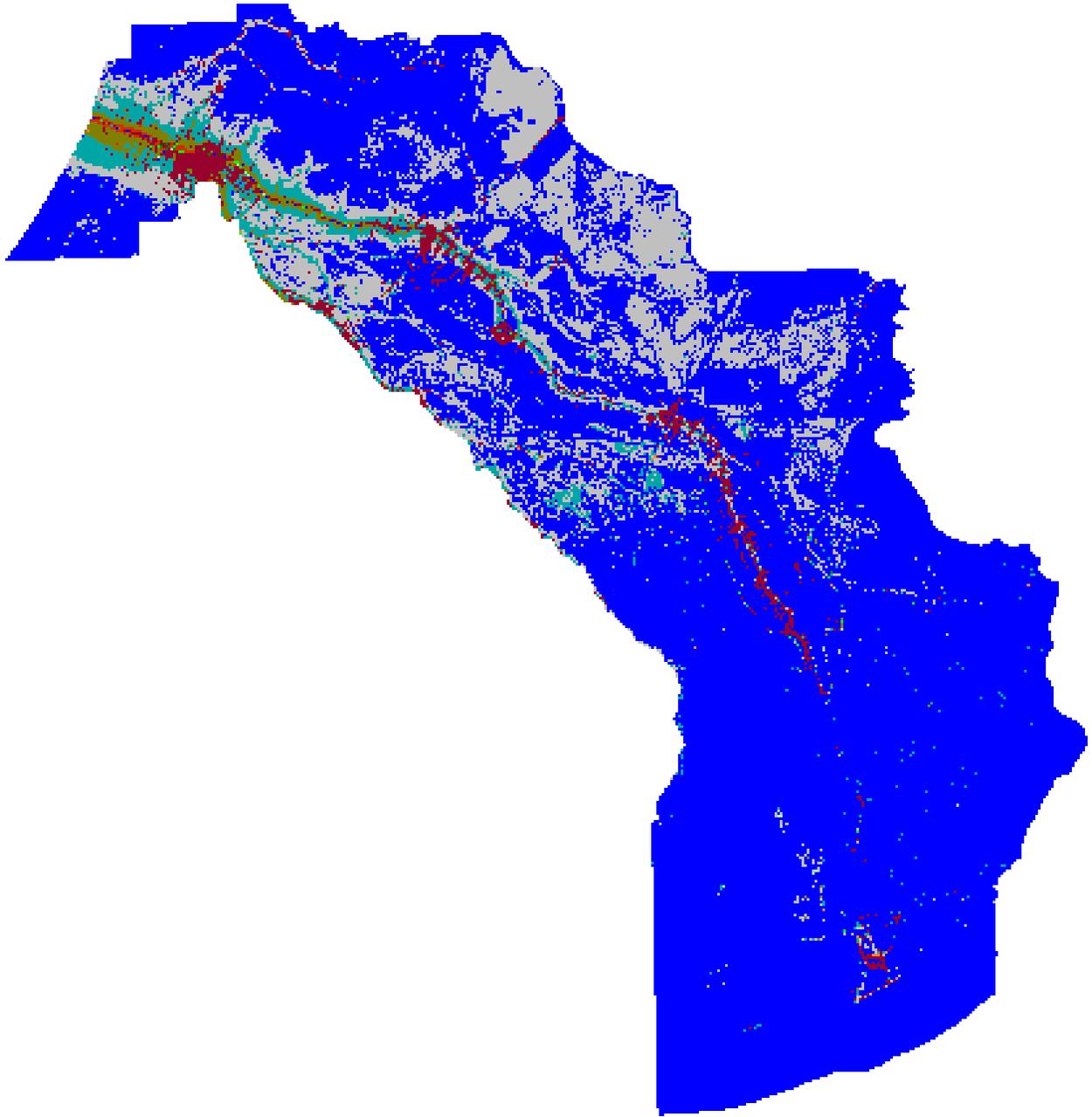


2.0 meter GSLR

2075

Lafourche Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios



2.0 meter GSLR

2100

APPENDIX B: St. Mary Parish SLAMM Results

St. Mary Parish

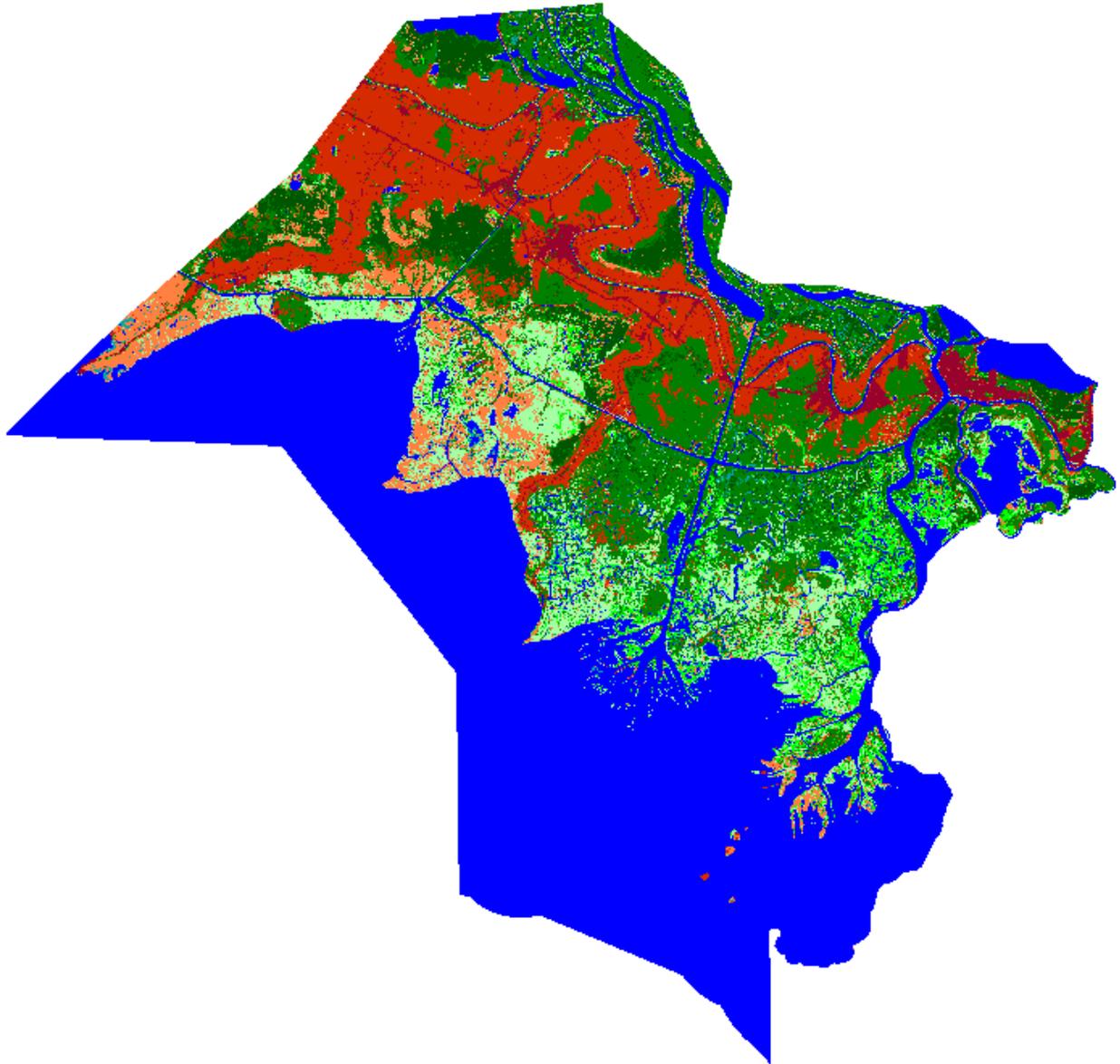
Percent Change in Landcover by 2100

| Dikes, Protect Dry Developed Land | Low Subsidence | | | | High Subsidence | | | |
|--------------------------------------|----------------|---------|----------|----------|-----------------|----------|----------|-----------|
| | 0.5 m | 1.0 m | 1.5 m | 2.0 m | 0.5 m | 1.0 m | 1.5 m | 2.0 m |
| Developed Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undeveloped Dry Land | 0.0004 | -0.0017 | -0.0127 | -0.0412 | -0.001 | -0.0032 | -0.0202 | -0.0658 |
| Swamp | -0.05 | -0.4008 | -0.5673 | -0.7308 | -0.1706 | -0.4899 | -0.6239 | -0.7884 |
| Cypress Swamp | -0.598 | -0.8307 | -0.9005 | -0.9521 | -0.7504 | -0.8616 | -0.9225 | -0.9682 |
| Inland Fresh Marsh | -0.012 | -0.2084 | -0.5826 | -0.7717 | -0.0726 | -0.3296 | -0.6923 | -0.7994 |
| Tidal Fresh Marsh | -0.002 | -0.1891 | -0.761 | -0.9156 | -0.1301 | -0.4011 | -0.8595 | -0.9349 |
| Trans. Salt Marsh | 0.693 | 9.8911 | 7.7801 | 4.3879 | 5.3457 | 10.1449 | 6.3225 | 3.4328 |
| Reg. Flooded Marsh | 0.8419 | 5.853 | 17.8314 | 27.8725 | 4.6705 | 10.1846 | 22.6536 | 28.842 |
| Estuarine Beach | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Irreg. Flooded Marsh | -0.077 | -0.3486 | -0.1741 | -0.6491 | -0.0981 | -0.3322 | -0.3867 | -0.7667 |
| Tidal Flat | 139.09 | 690.712 | 1992.985 | 2954.642 | 186.491 | 1241.018 | 2590.902 | 3436.9098 |
| Water | 0.0922 | 0.1518 | 0.195 | 0.2752 | 0.1249 | 0.1704 | 0.2247 | 0.3163 |

| No Dikes, Protect Dry Developed Land | Low Subsidence | | | | High Subsidence | | | |
|---|----------------|---------|---------|----------|-----------------|----------|----------|----------|
| | 0.5 m | 1.0 m | 1.5 m | 2.0 m | 0.5 m | 1.0 m | 1.5 m | 2.0 m |
| Developed Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undeveloped Dry Land | -0.065 | -0.2015 | -0.3548 | -0.4882 | -0.1042 | -0.2683 | -0.4109 | -0.5376 |
| Swamp | -0.205 | -0.5948 | -0.7687 | -0.8486 | -0.3427 | -0.6928 | -0.803 | -0.8725 |
| Cypress Swamp | -0.632 | -0.8686 | -0.9374 | -0.9759 | -0.7849 | -0.8989 | -0.9573 | -0.9834 |
| Inland Fresh Marsh | -0.012 | -0.2169 | -0.5998 | -0.7901 | -0.0477 | -0.343 | -0.7117 | -0.814 |
| Tidal Fresh Marsh | -0.002 | -0.1936 | -0.7725 | -0.9268 | -0.0759 | -0.4083 | -0.8719 | -0.9441 |
| Trans. Salt Marsh | 2.1356 | 11.3003 | 10.7297 | 8.1646 | 5.1316 | 12.2649 | 9.6103 | 7.4591 |
| Reg. Flooded Marsh | 3.1015 | 8.598 | 21.1046 | 32.02 | 4.9505 | 12.974 | 26.1438 | 33.5726 |
| Estuarine Beach | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Irreg. Flooded Marsh | -0.083 | -0.3668 | -0.207 | -0.6853 | -0.1597 | -0.361 | -0.4214 | -0.7995 |
| Tidal Flat | 477.18 | 1300.49 | 2637.15 | 3730.731 | 711.047 | 1908.453 | 3313.678 | 4242.420 |
| Water | 0.1045 | 0.1676 | 0.2055 | 0.2431 | 0.1378 | 0.1874 | 0.2251 | 0.2641 |

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

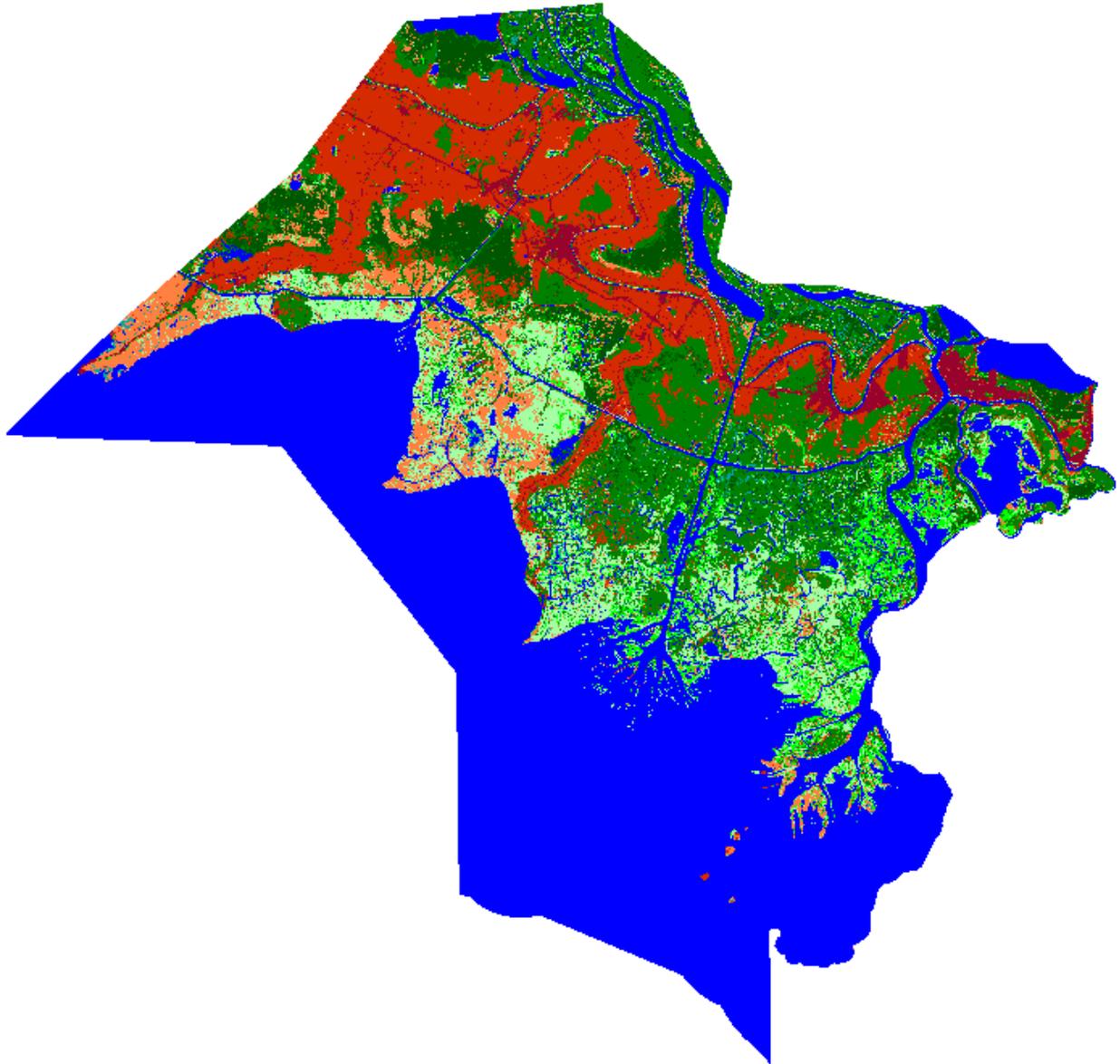


0.5 meter GSLR

2025

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

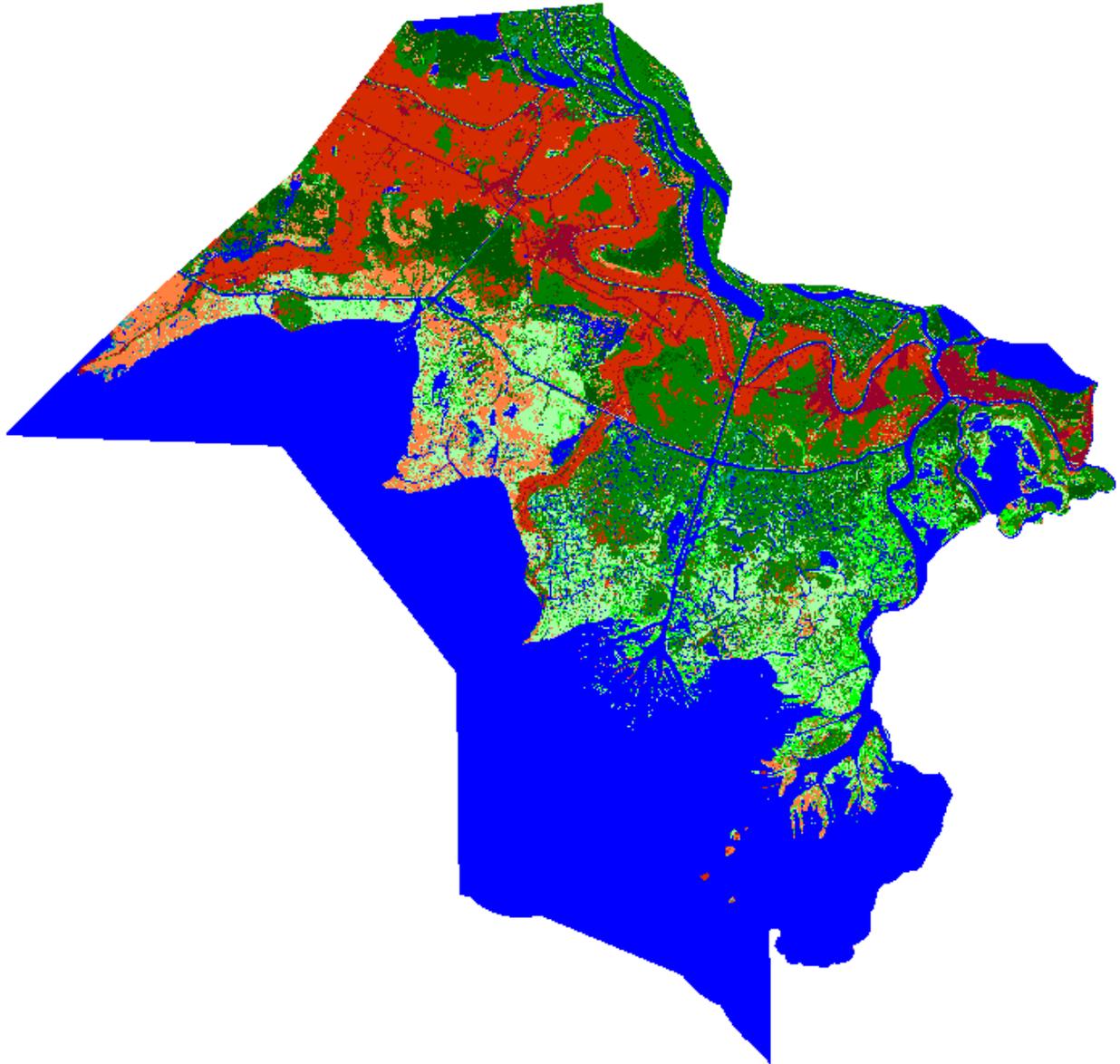


0.5 meter GSLR

2050

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

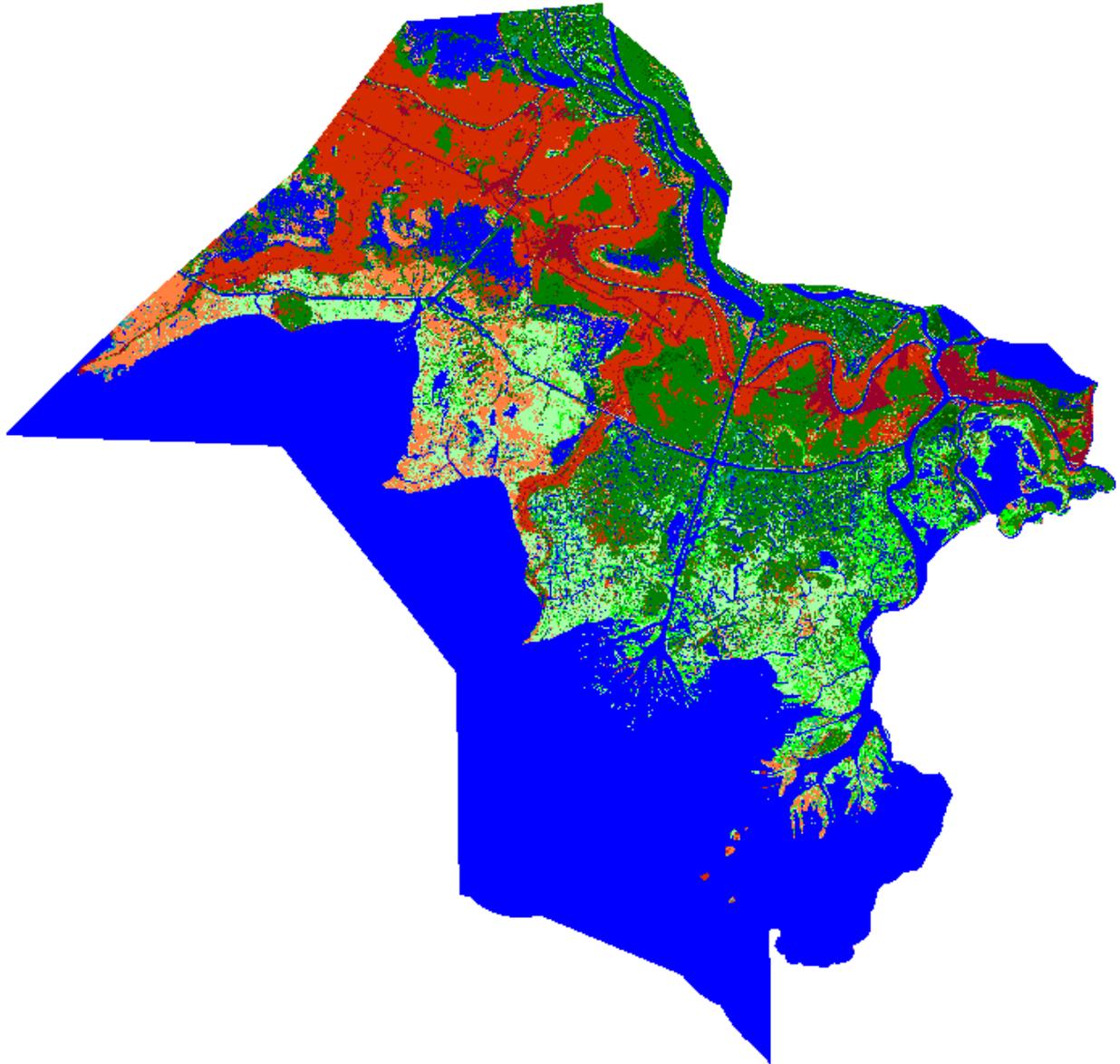


0.5 meter GSLR

2075

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

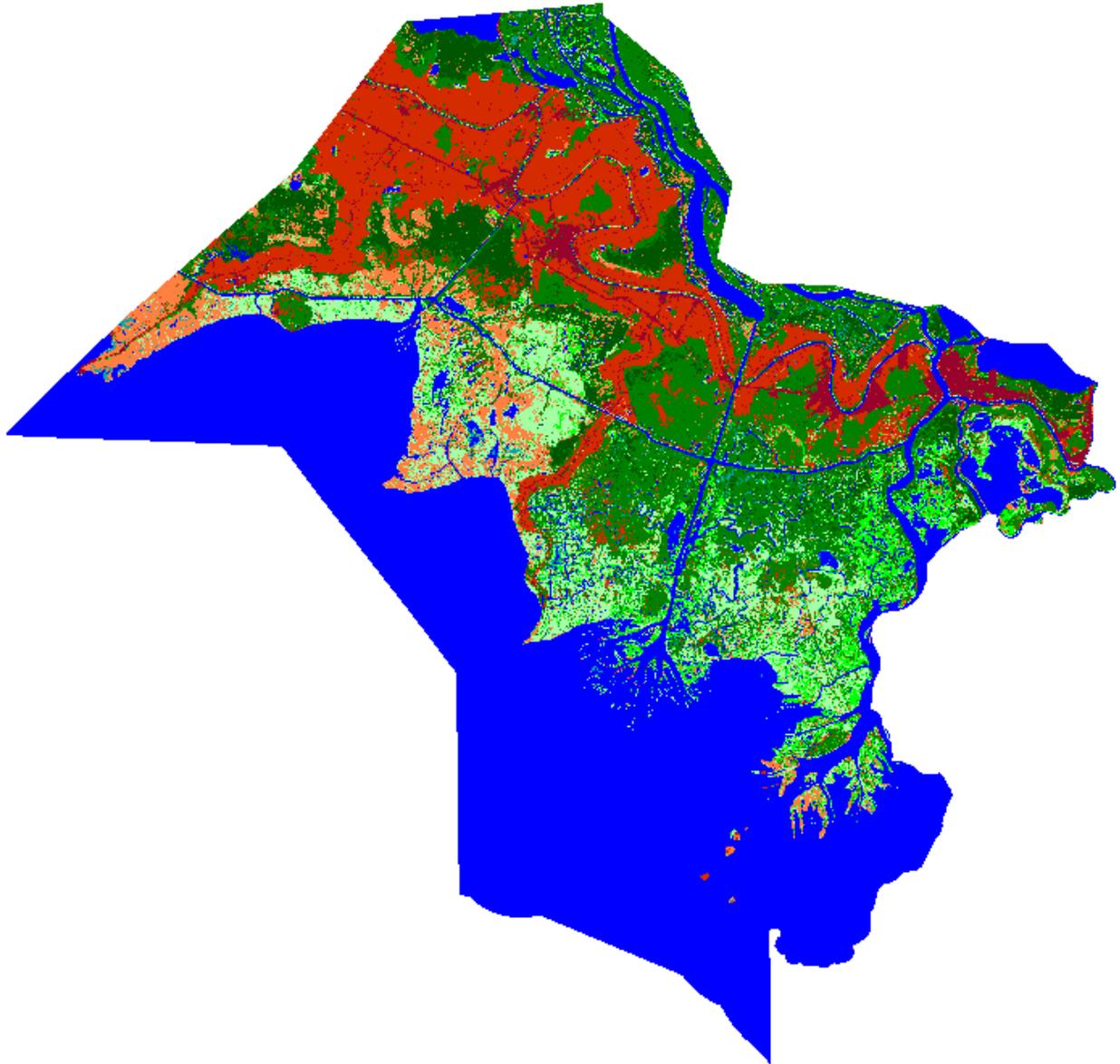


0.5 meter GSLR

2100

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

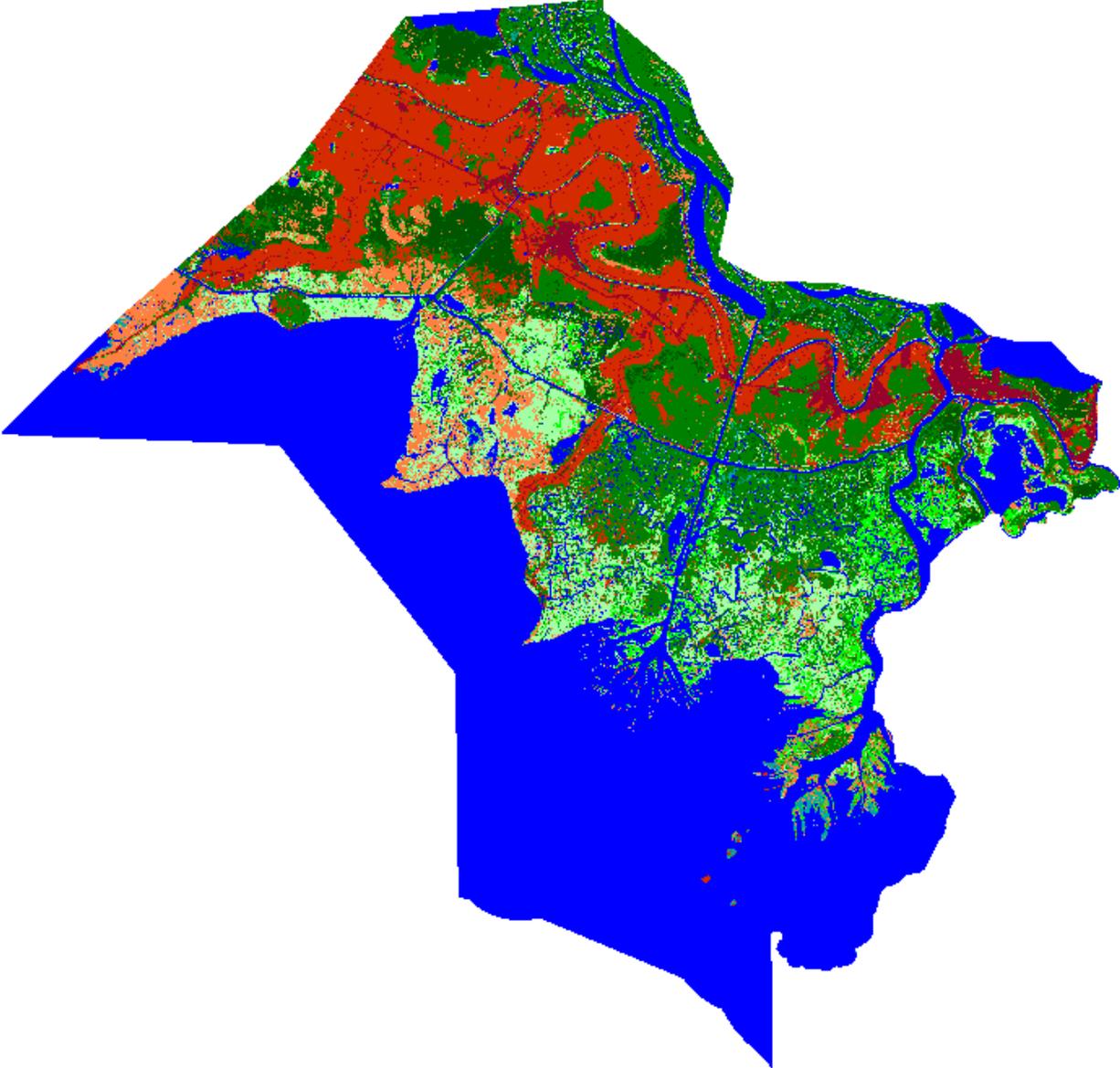


1 meter GSLR

2025

St. Mary Parish

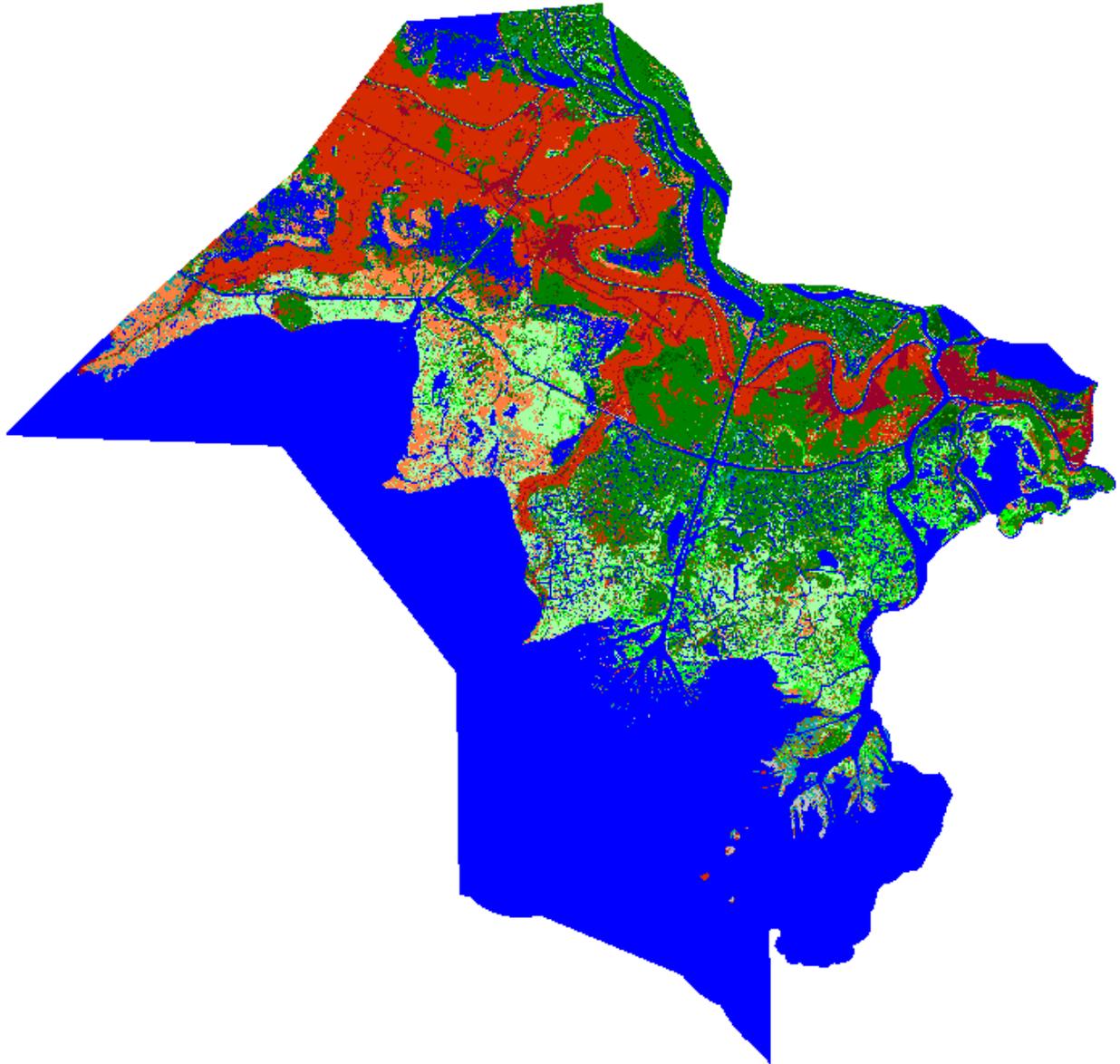
Low Subsidence, Protected with Dikes SLAMM Scenarios



*1 meter GSLR
2050*

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

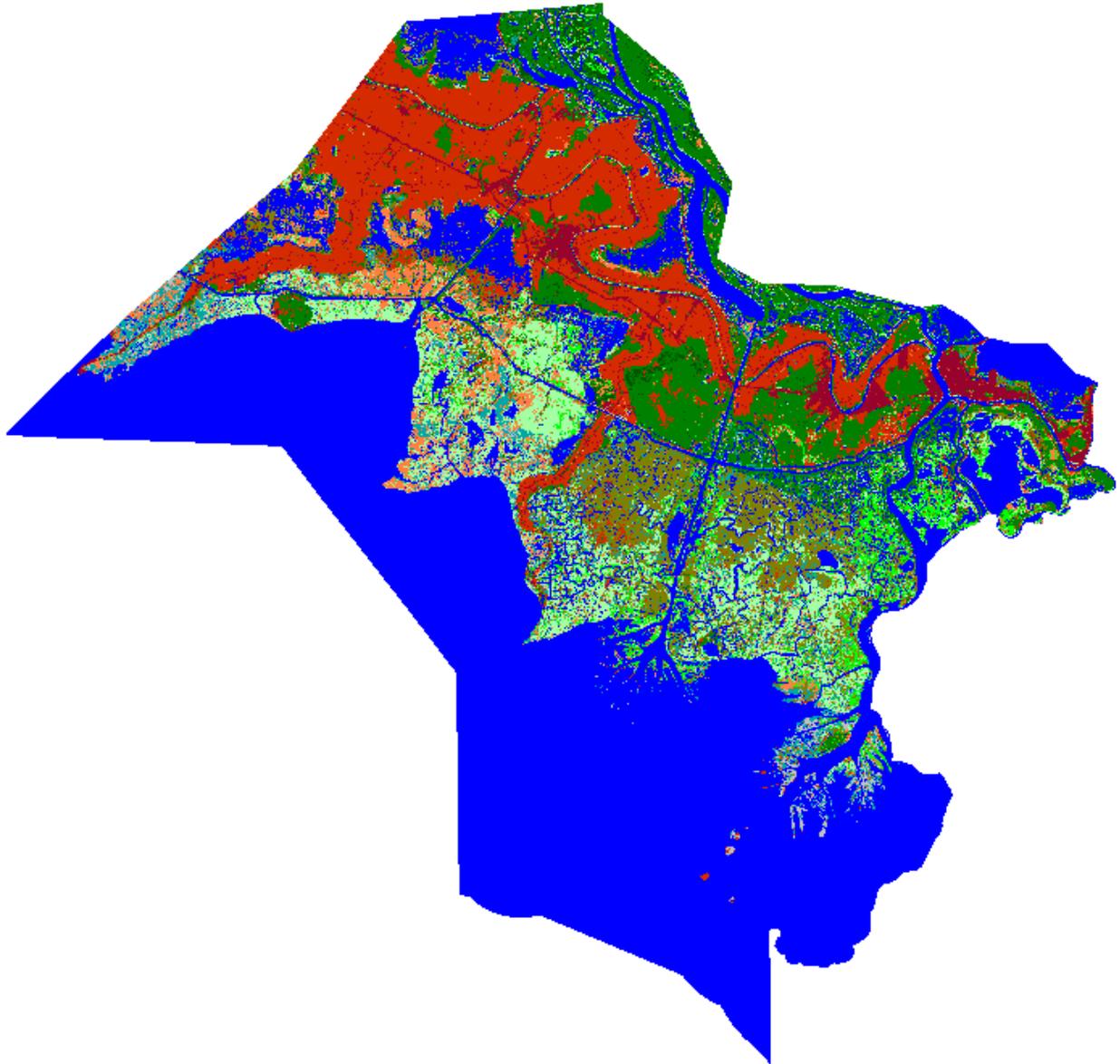


1 meter GSLR

2075

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

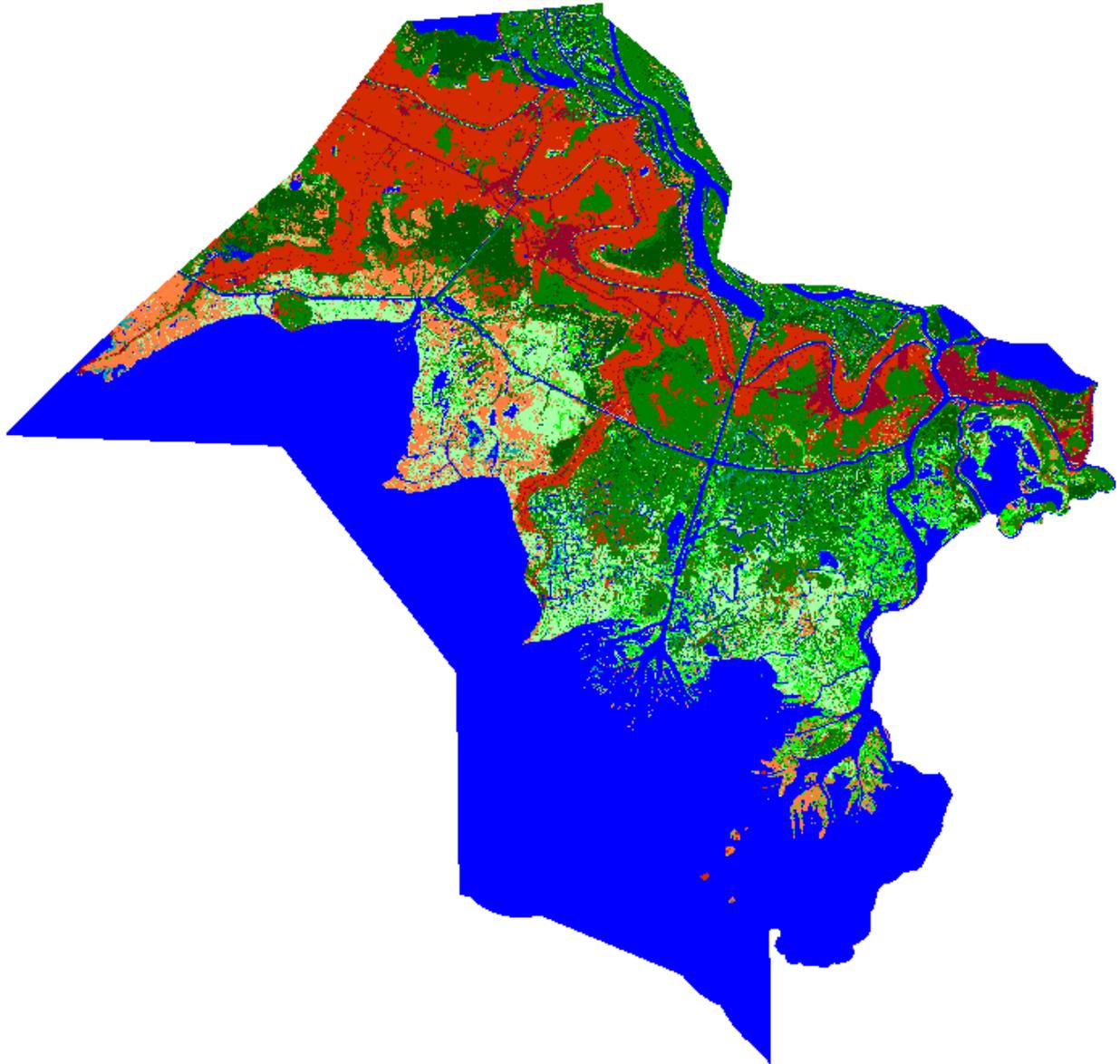


1 meter GSLR

2100

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

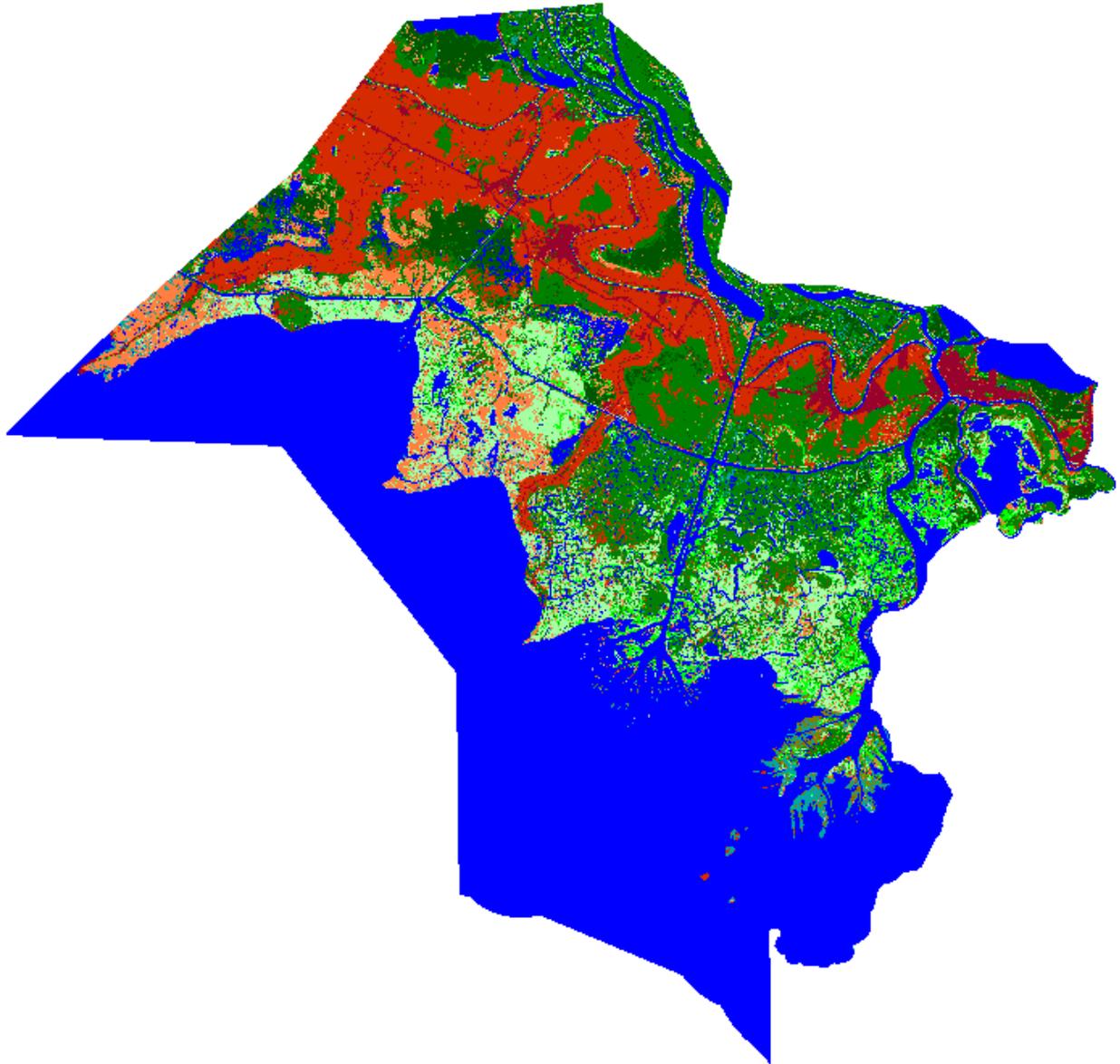


1.5 meter GSLR

2025

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

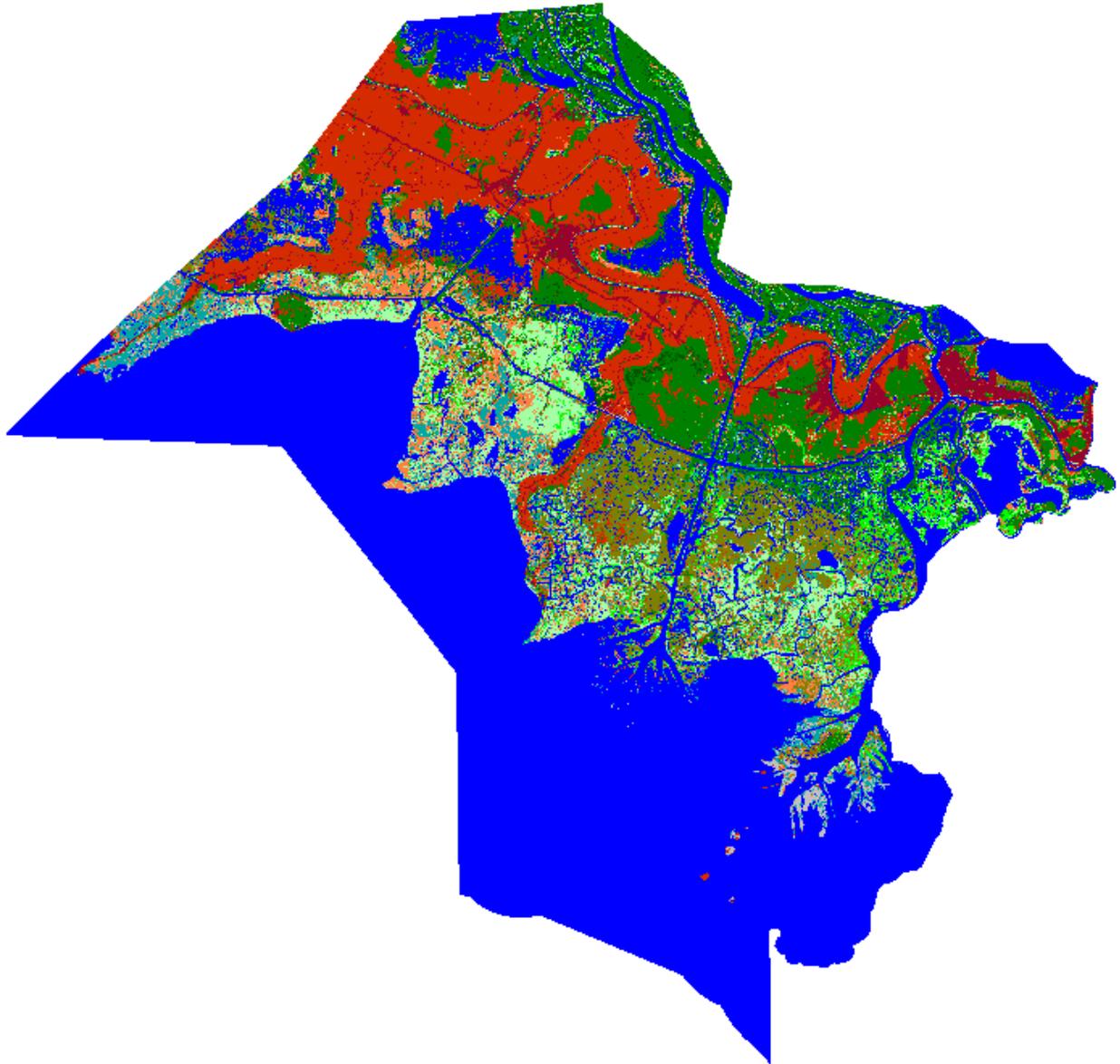


1.5 meter GSLR

2050

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

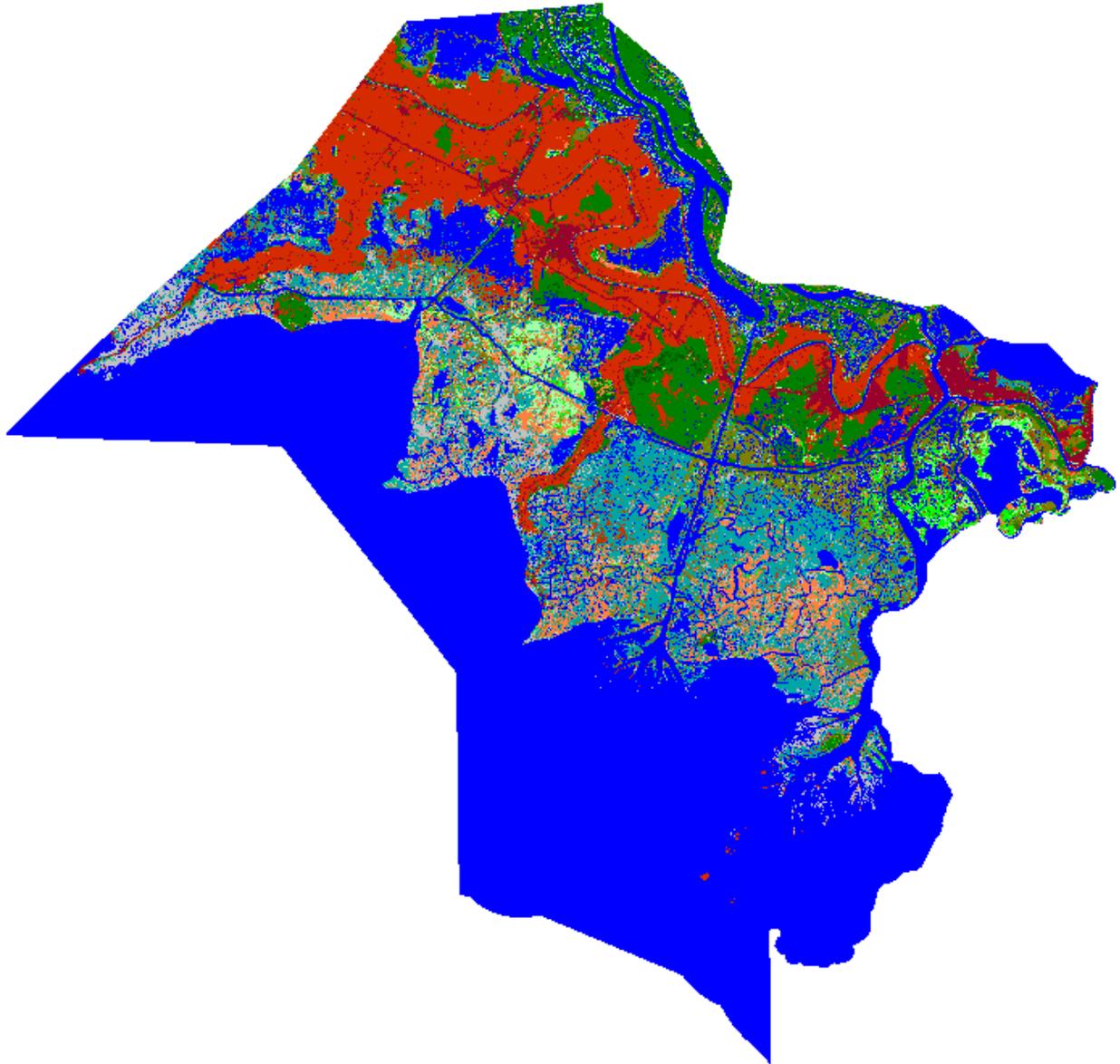


1.5 meter GSLR

2075

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

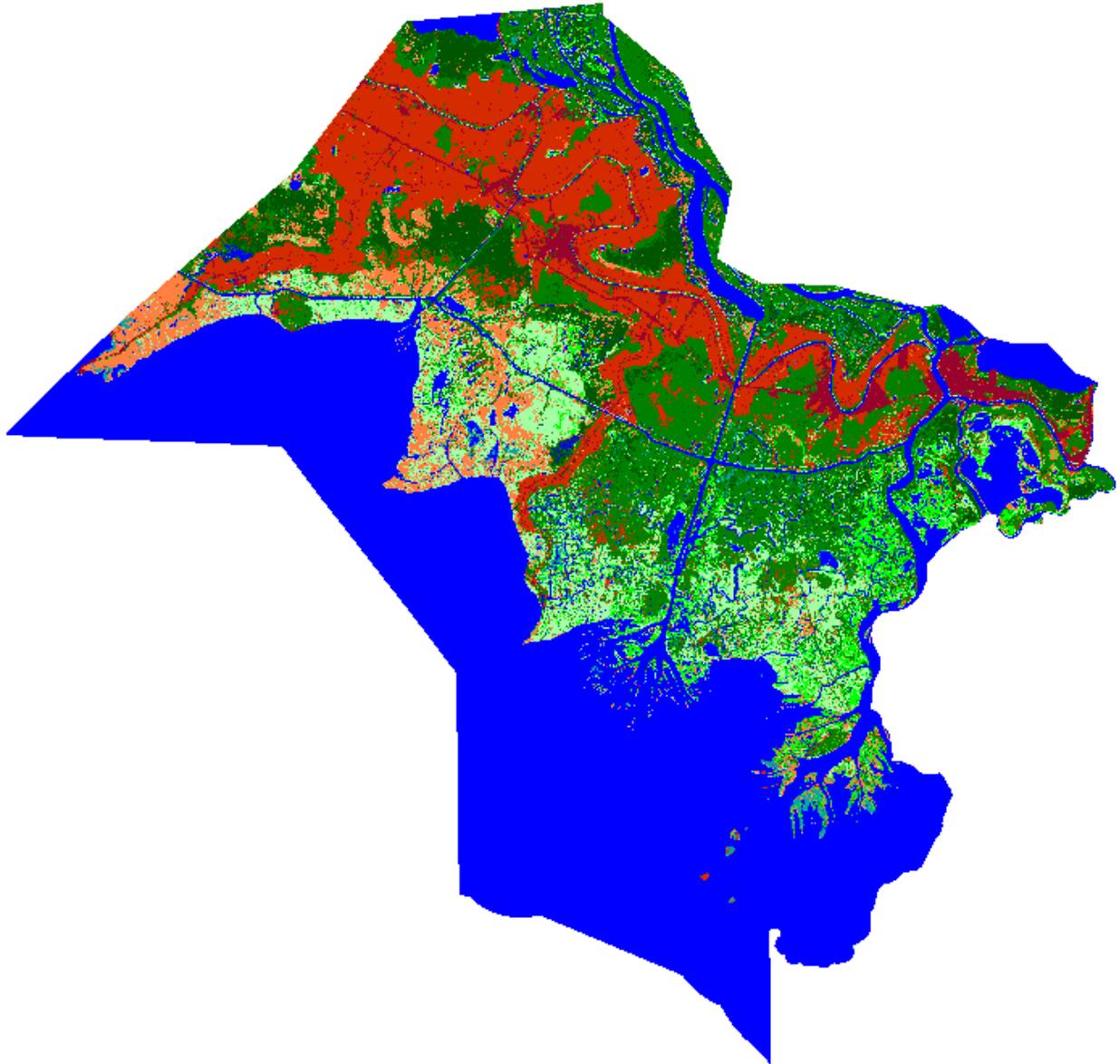


1.5 meter GSLR

2100

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

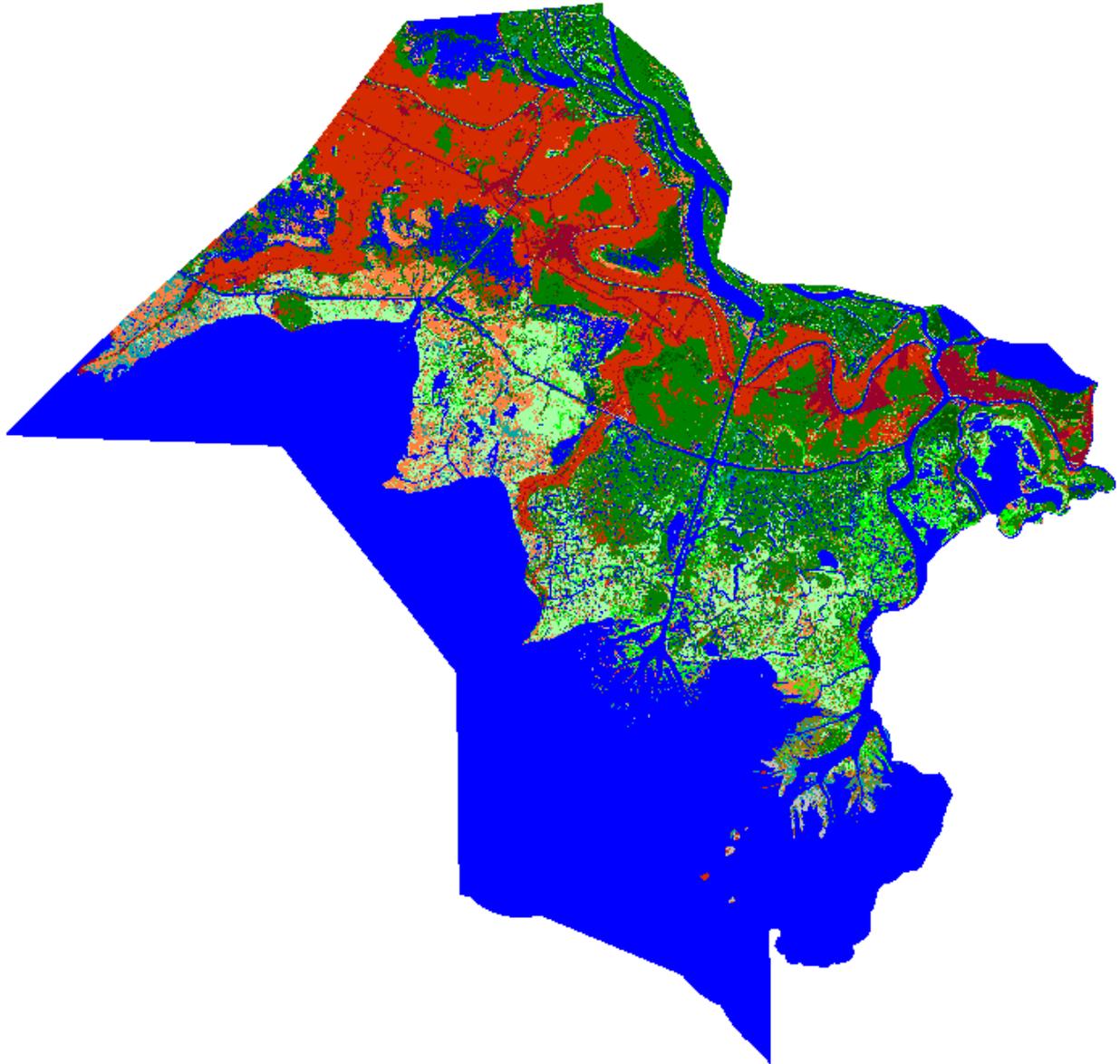


2.0 meter GSLR

2025

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

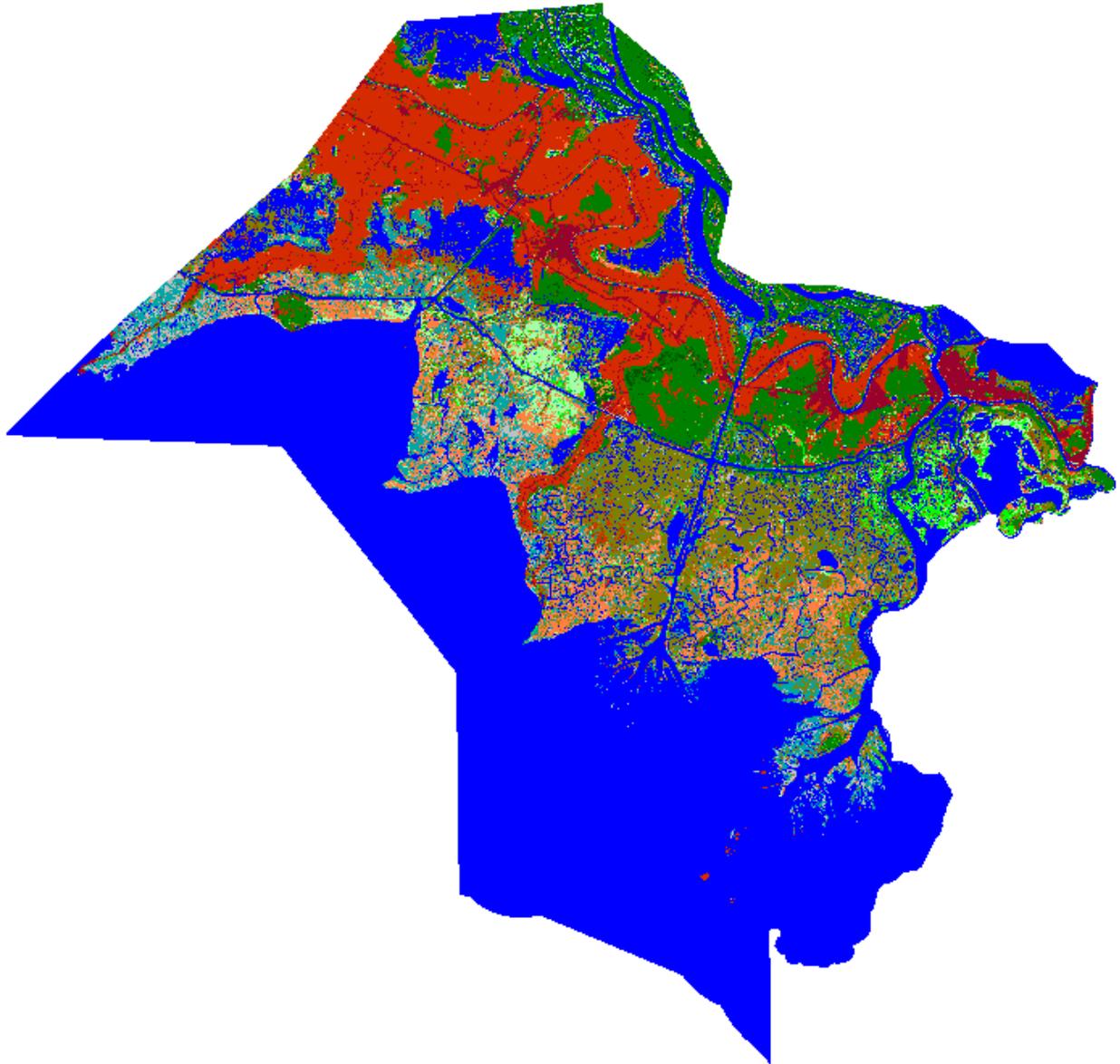


2.0 meter GSLR

2050

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

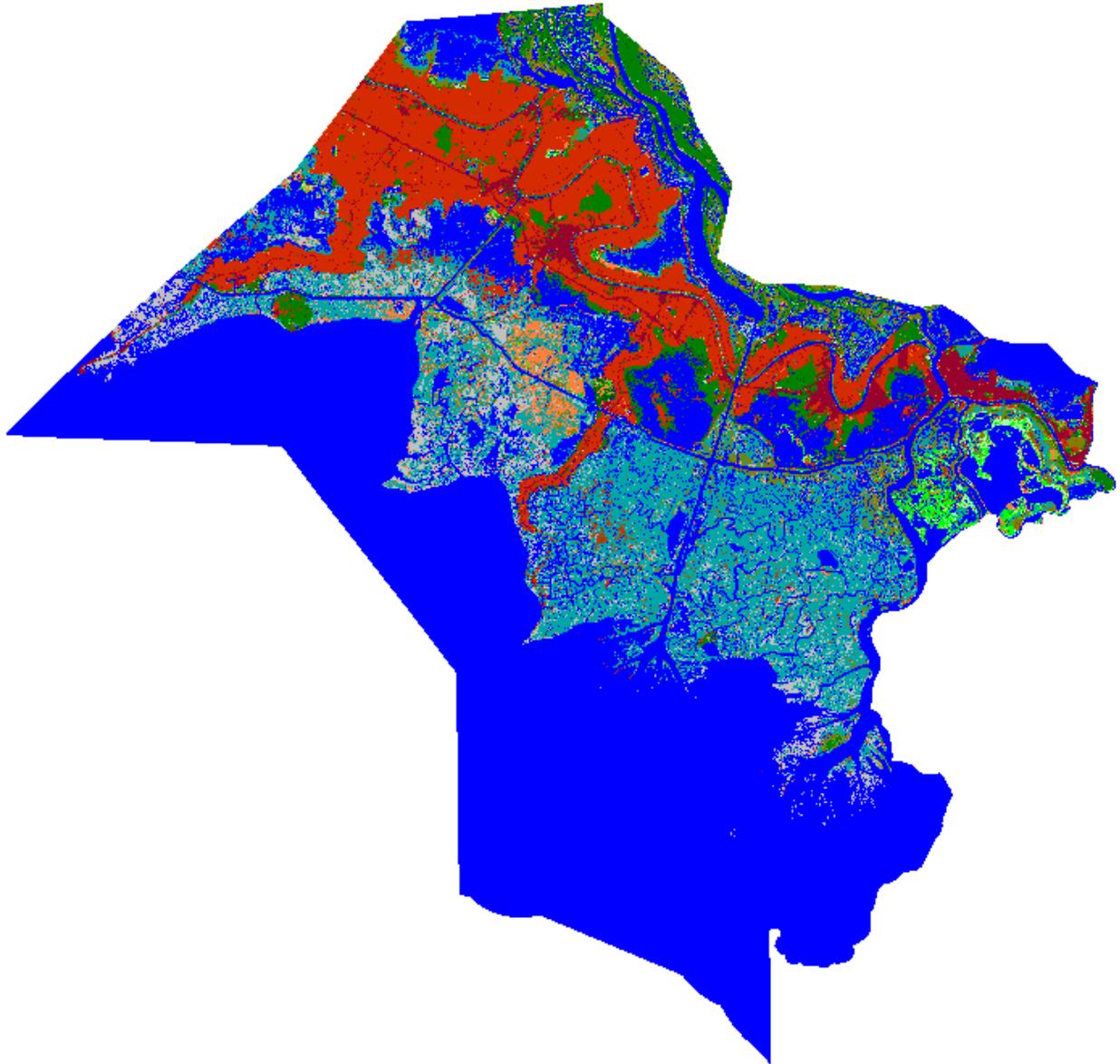


2.0 meter GSLR

2075

St. Mary Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

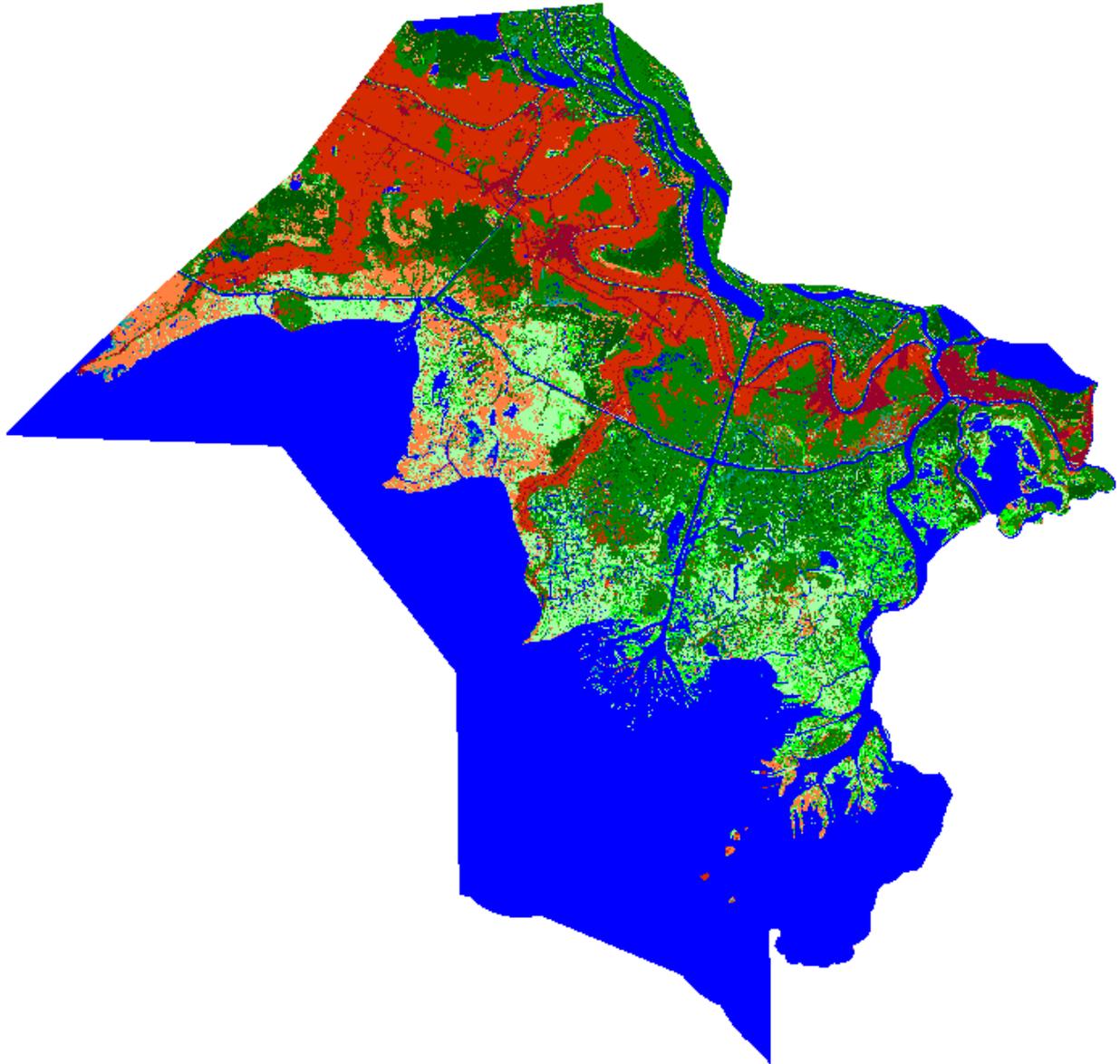


2.0 meter GSLR

2100

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

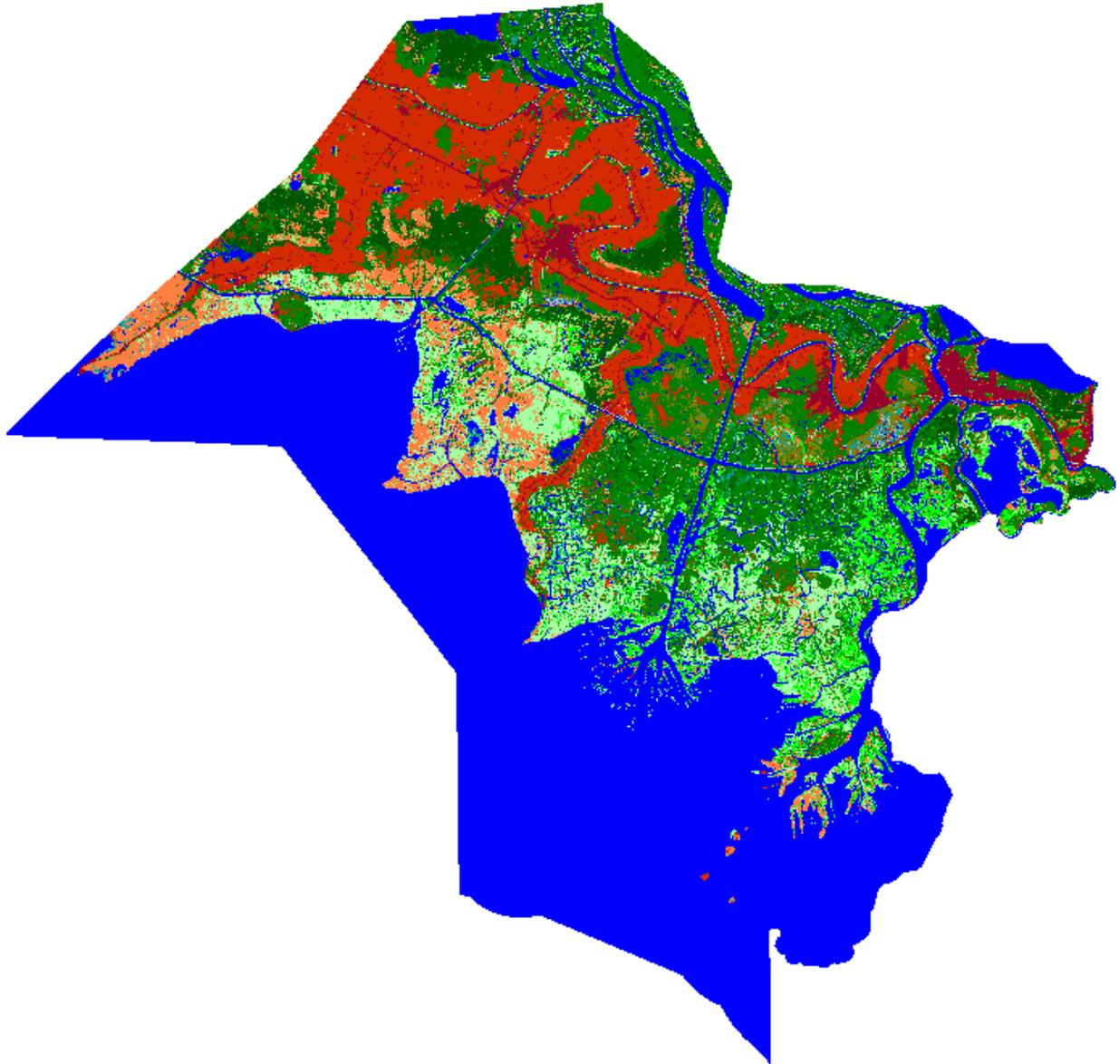


0.5 meter GSLR

2025

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

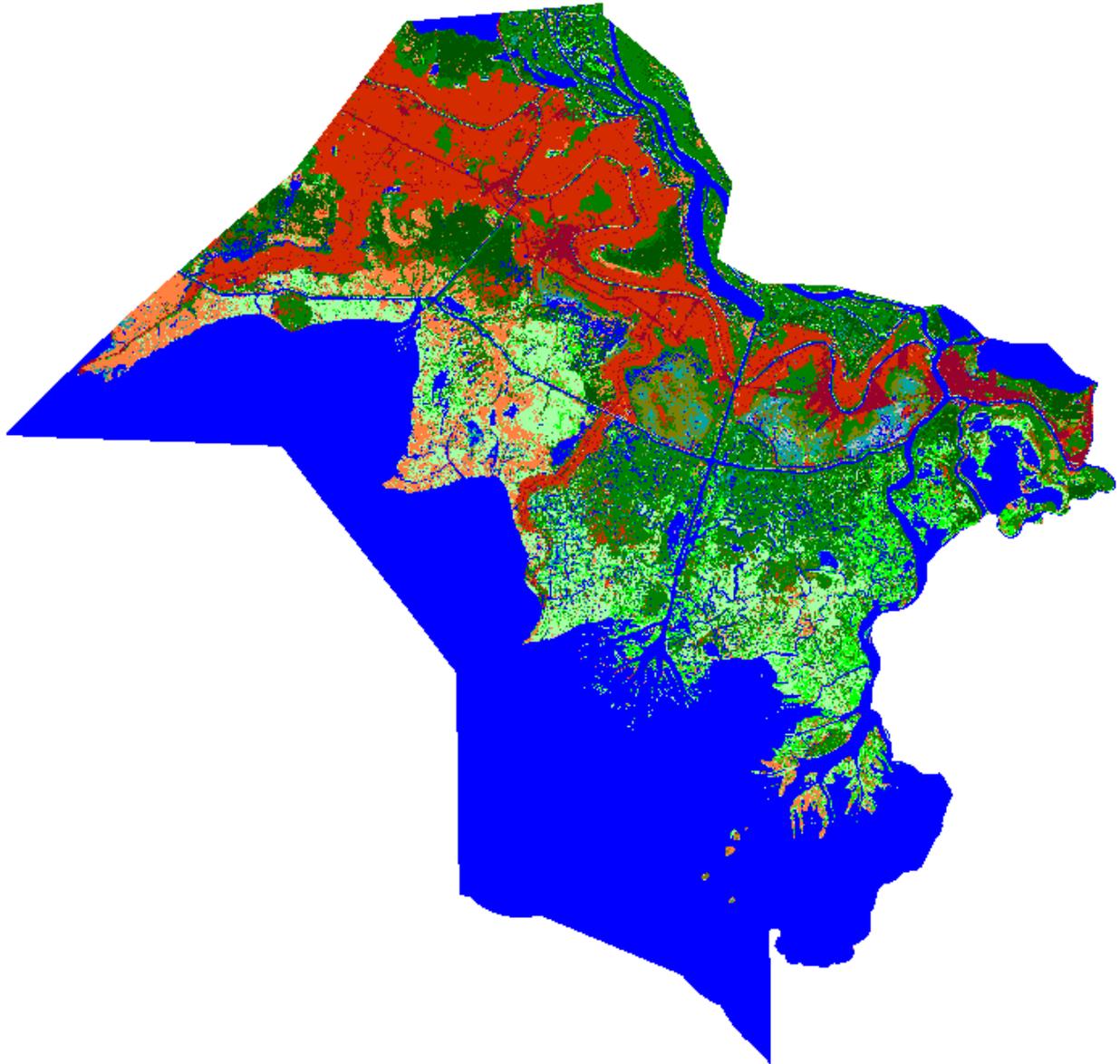


0.5 meter GSLR

2050

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

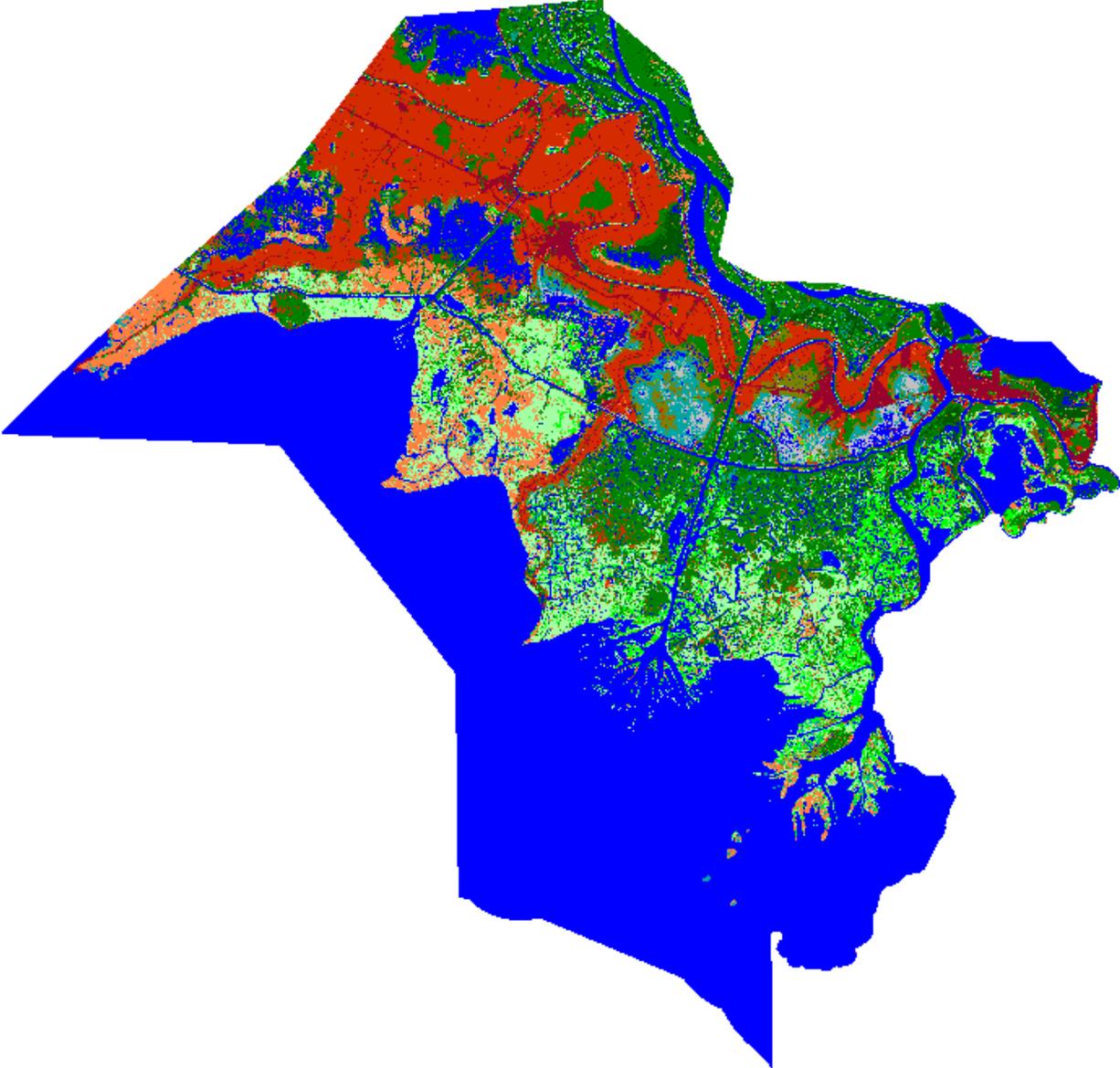


0.5 meter GSLR

2075

St. Mary Parish

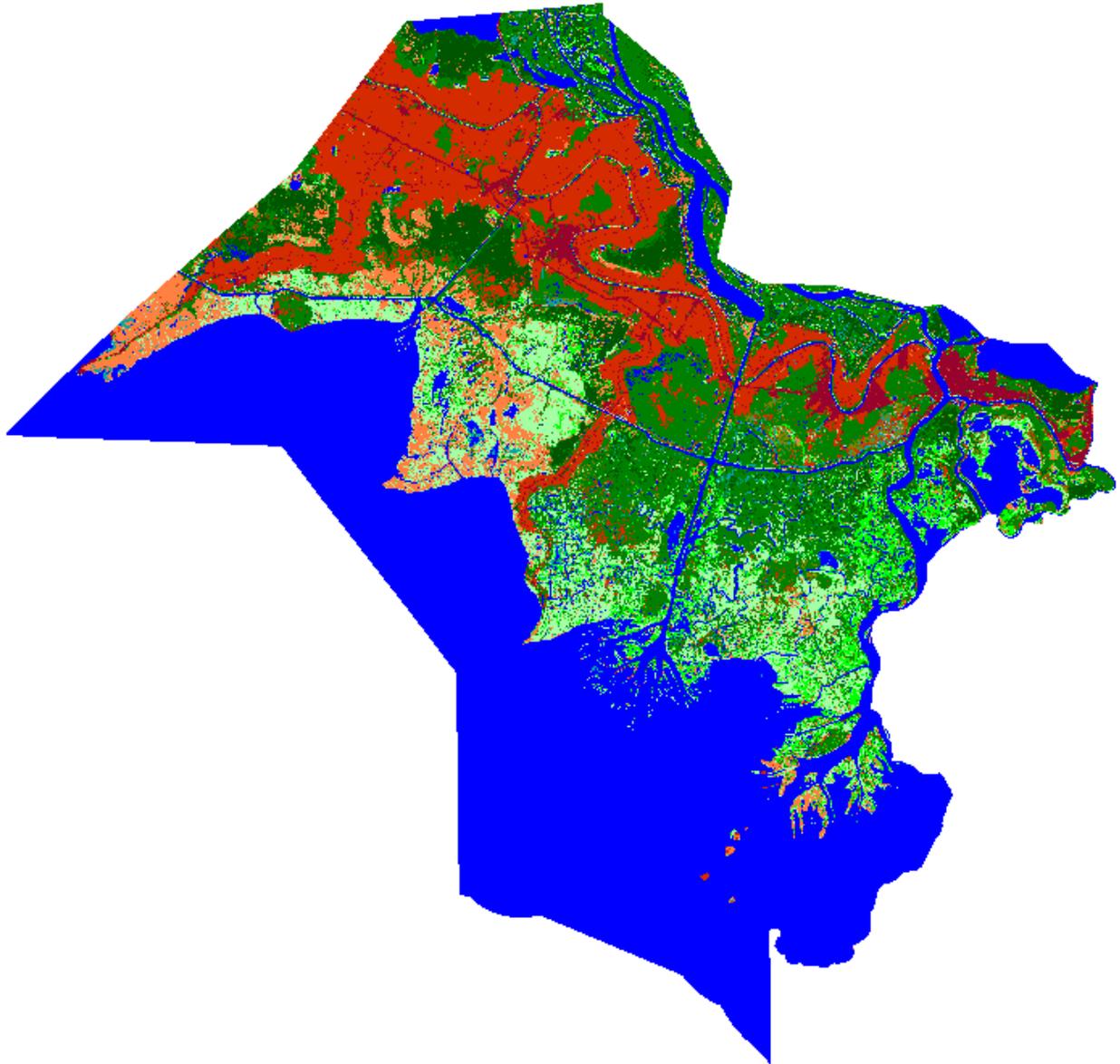
Low Subsidence, Not Protected with Dikes SLAMM Scenarios



0.5 meter GSLR
2100

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

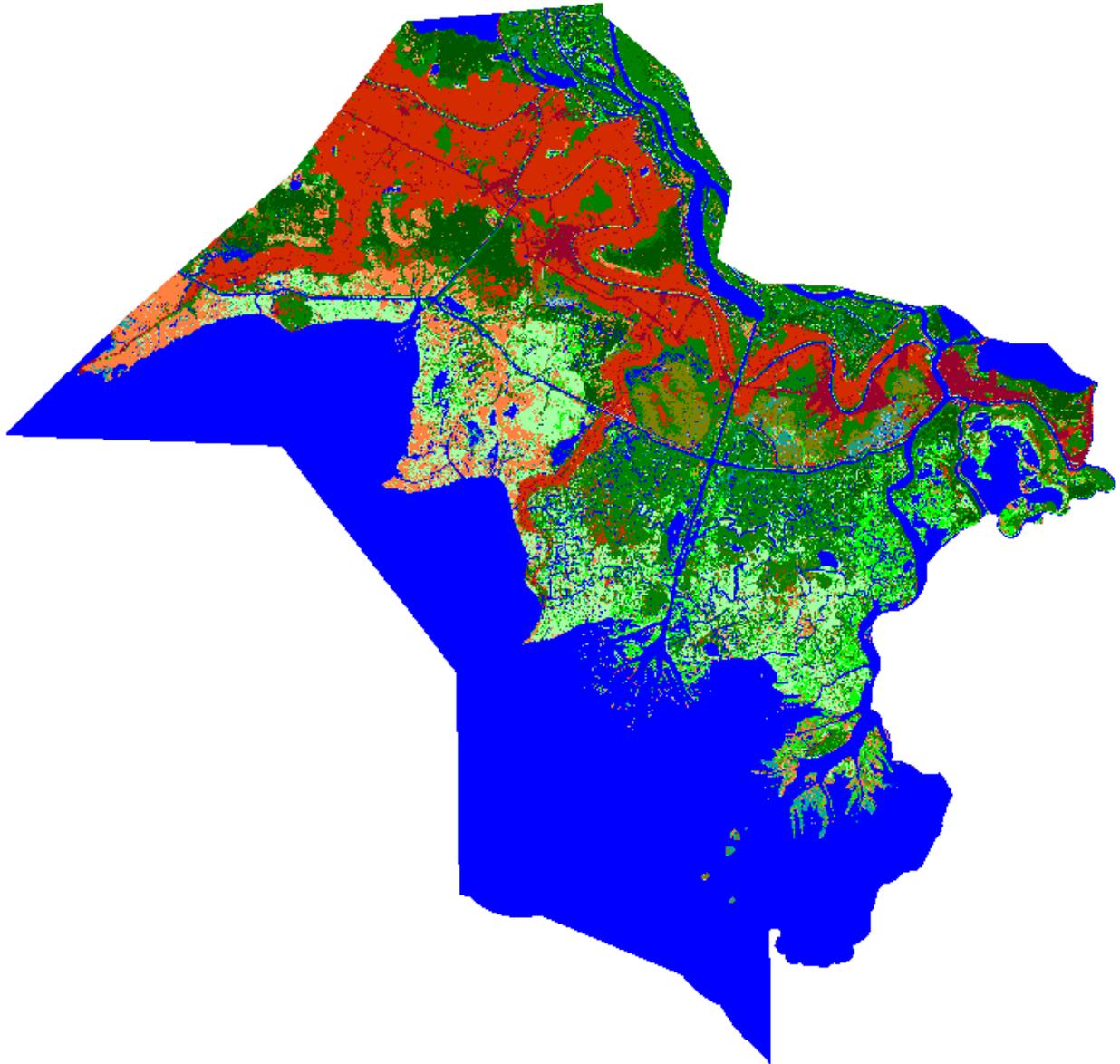


1.0 meter GSLR

2025

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

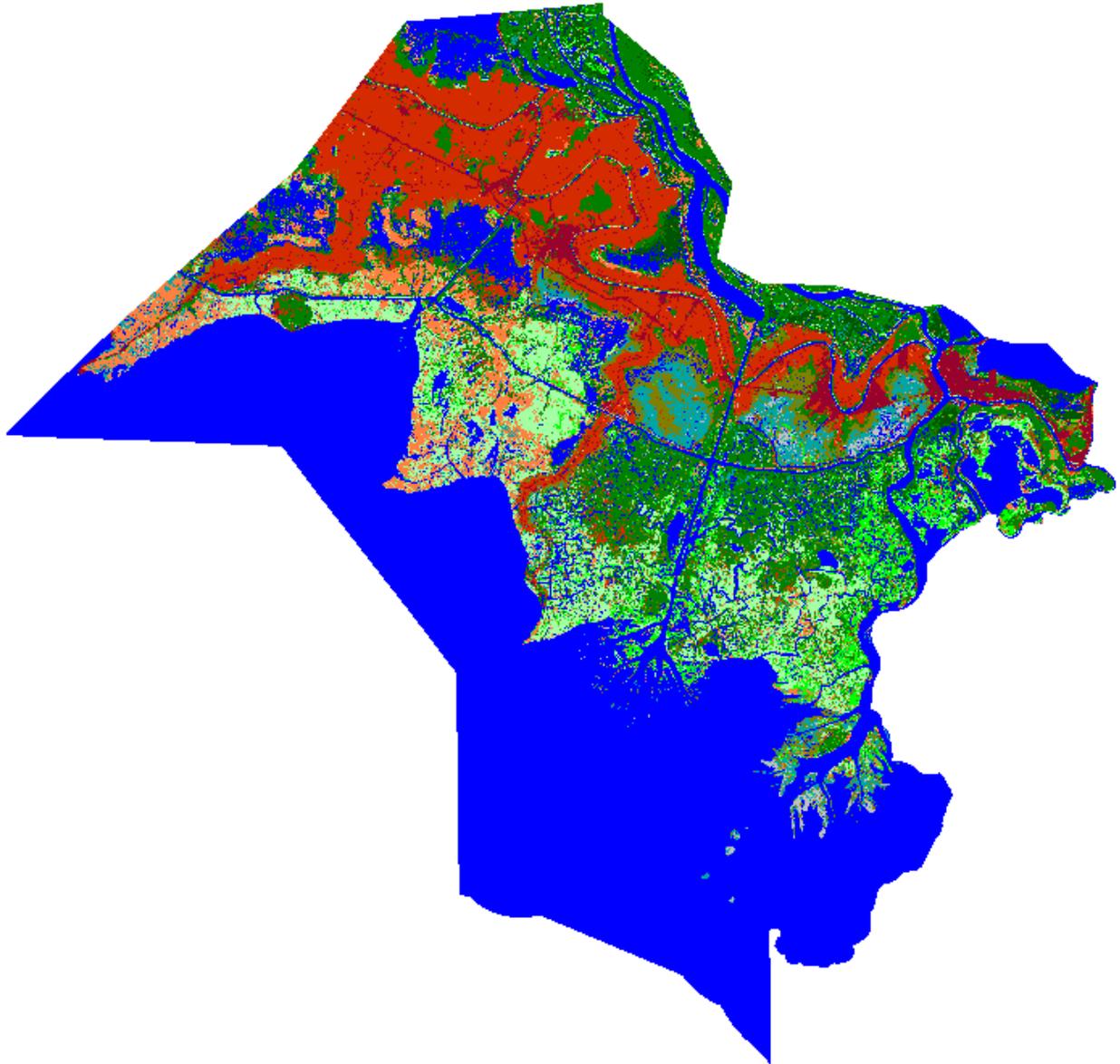


1.0 meter GSLR

2050

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

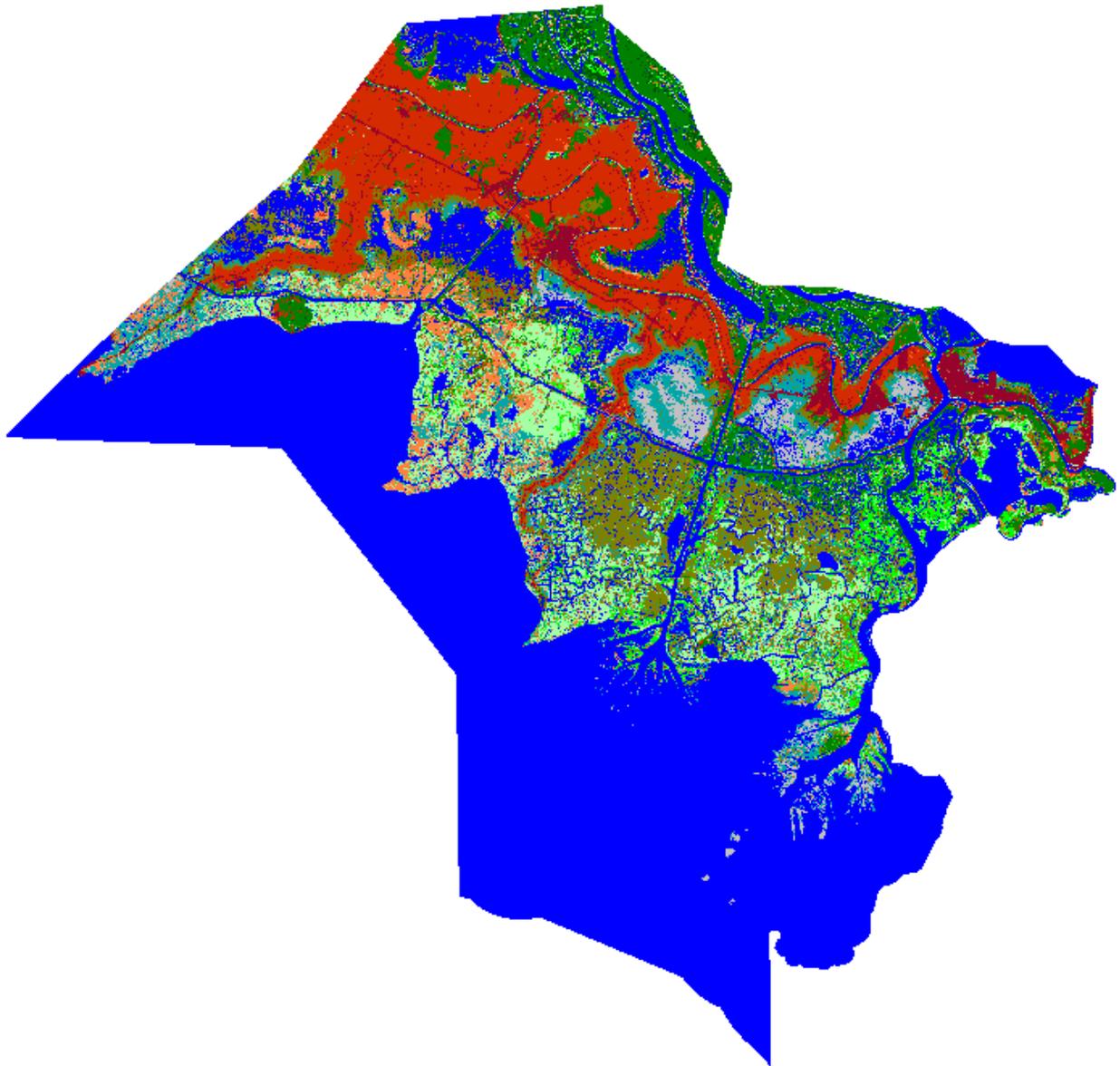


1.0 meter GSLR

2075

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

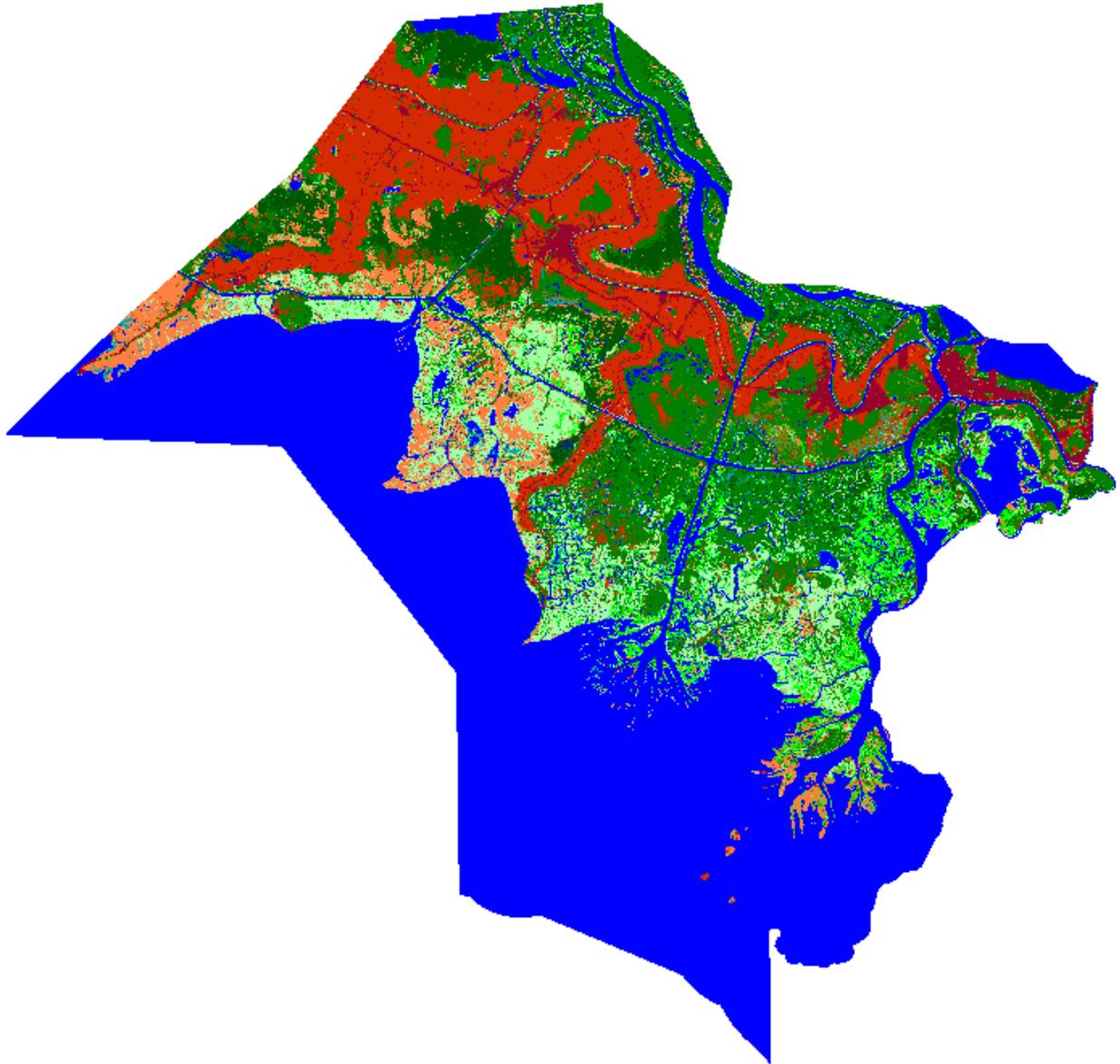


1.0 meter GSLR

2100

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

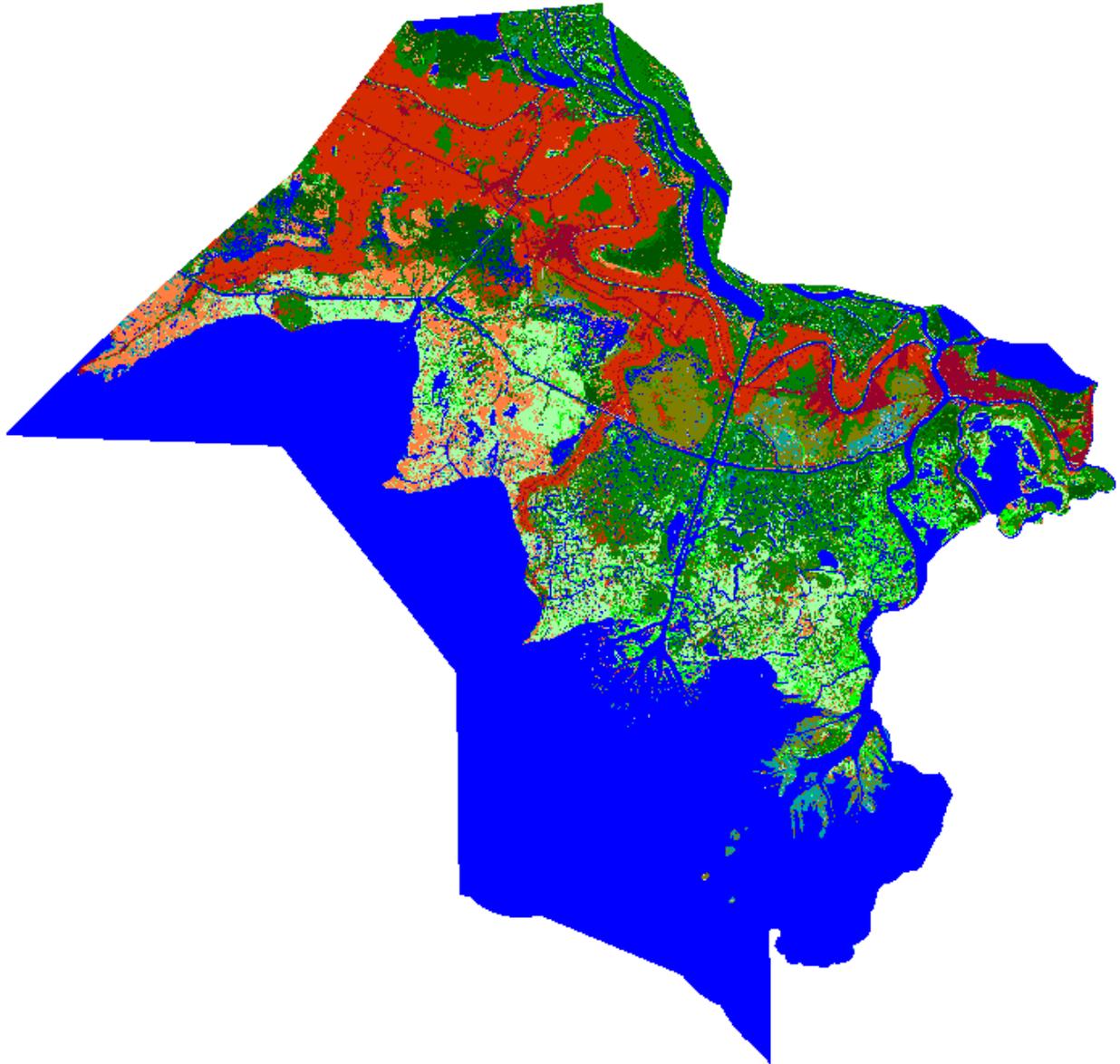


1.5 meter GSLR

2025

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

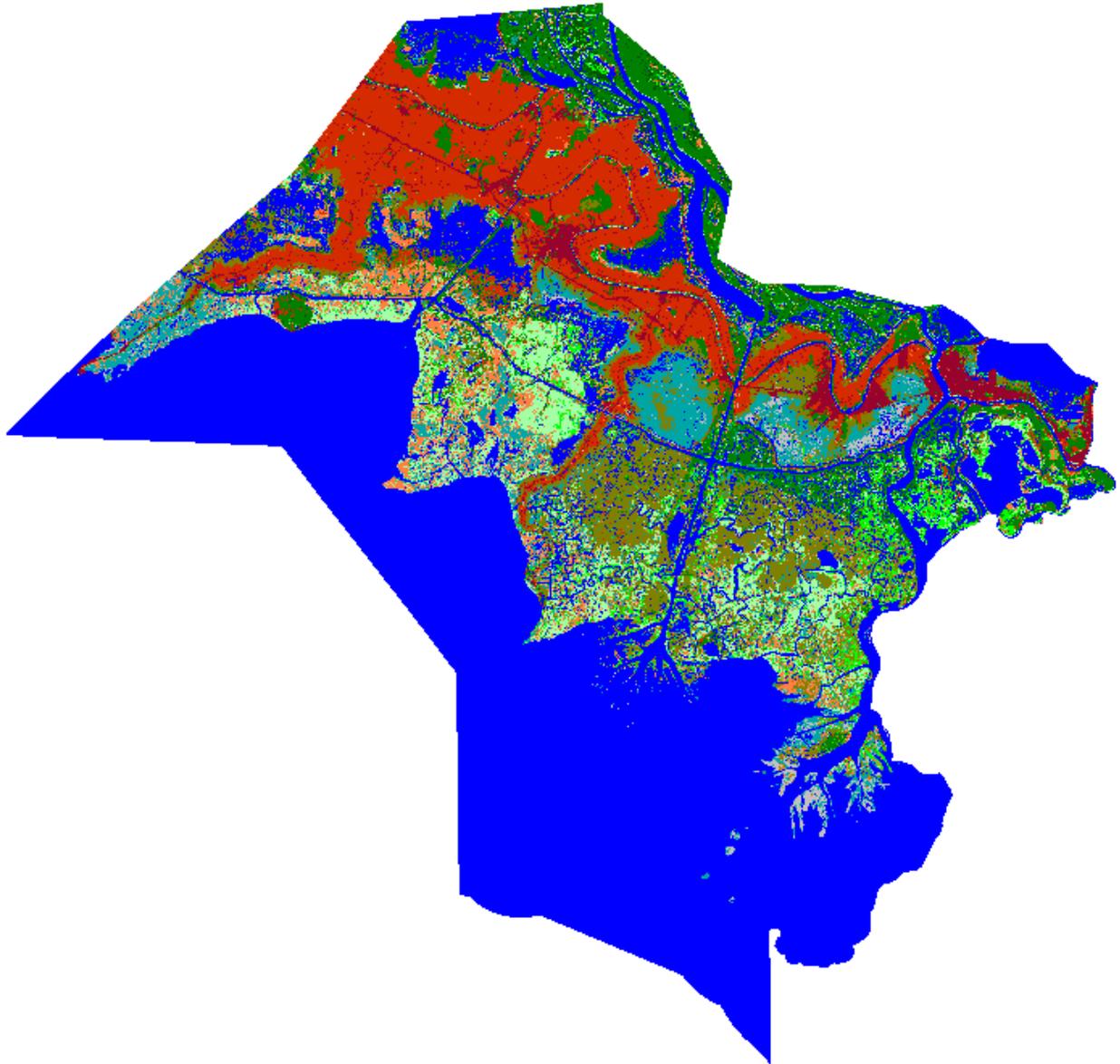


1.5 meter GSLR

2050

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

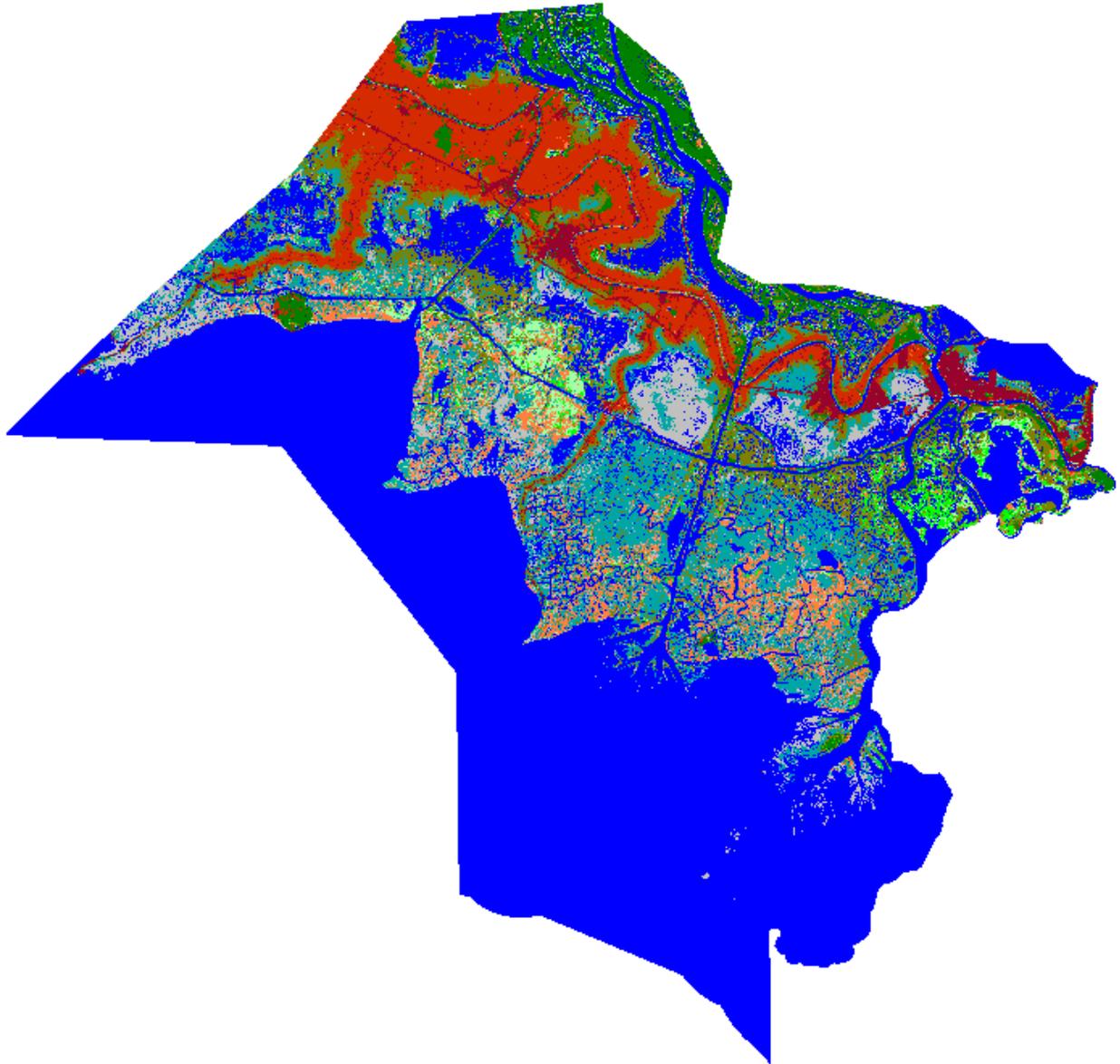


1.5 meter GSLR

2075

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

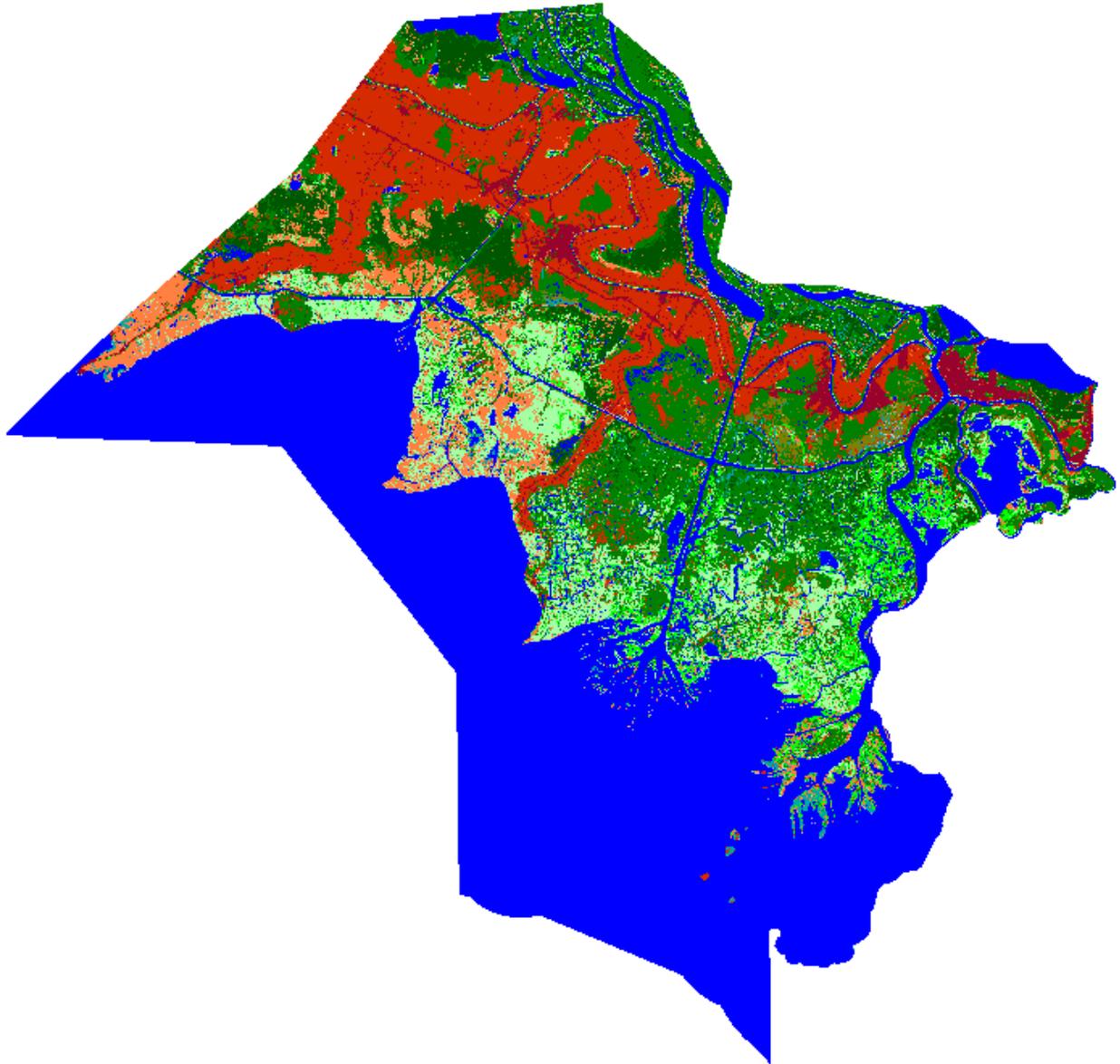


20 meter GSLR

2100

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

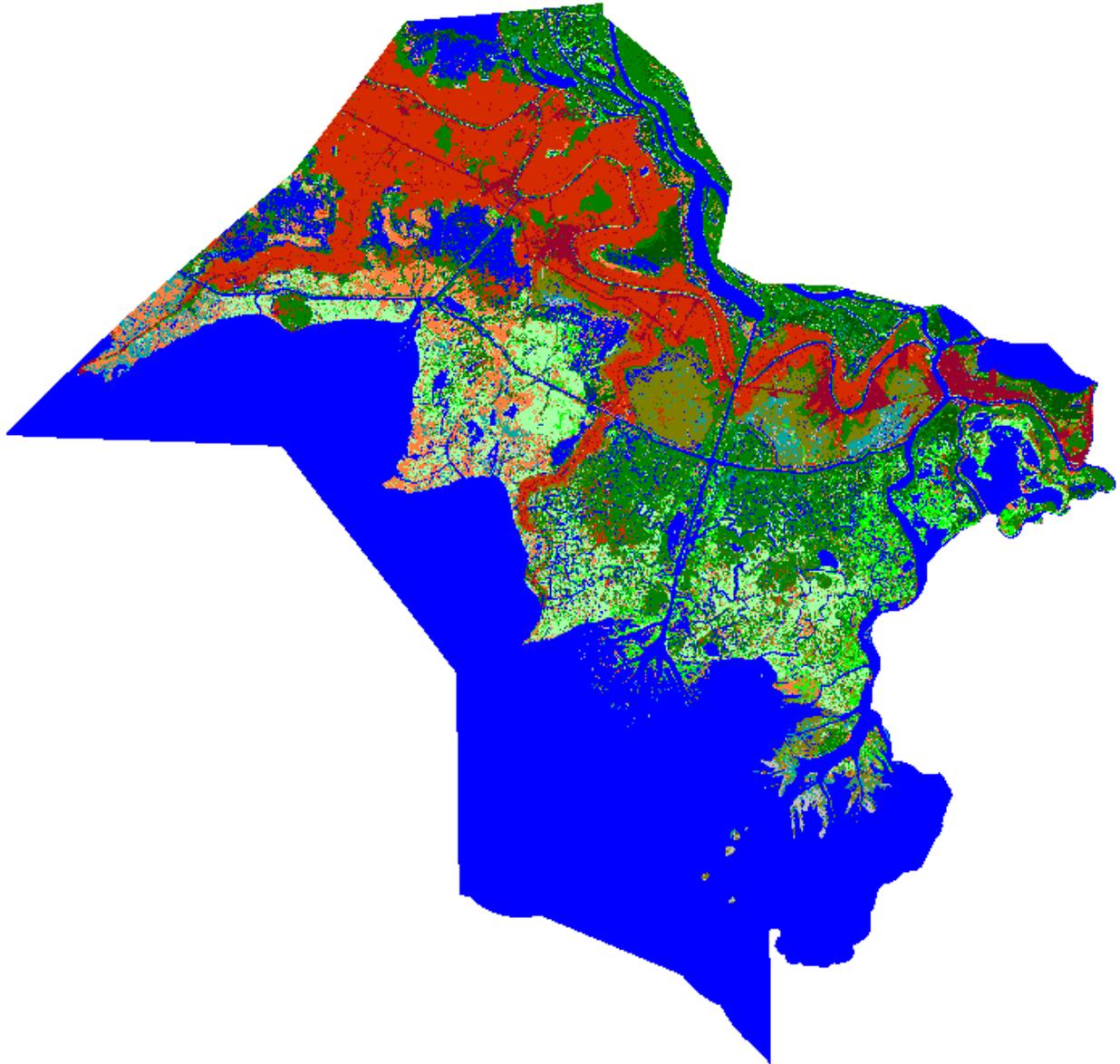


2.0 meter GSLR

2025

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

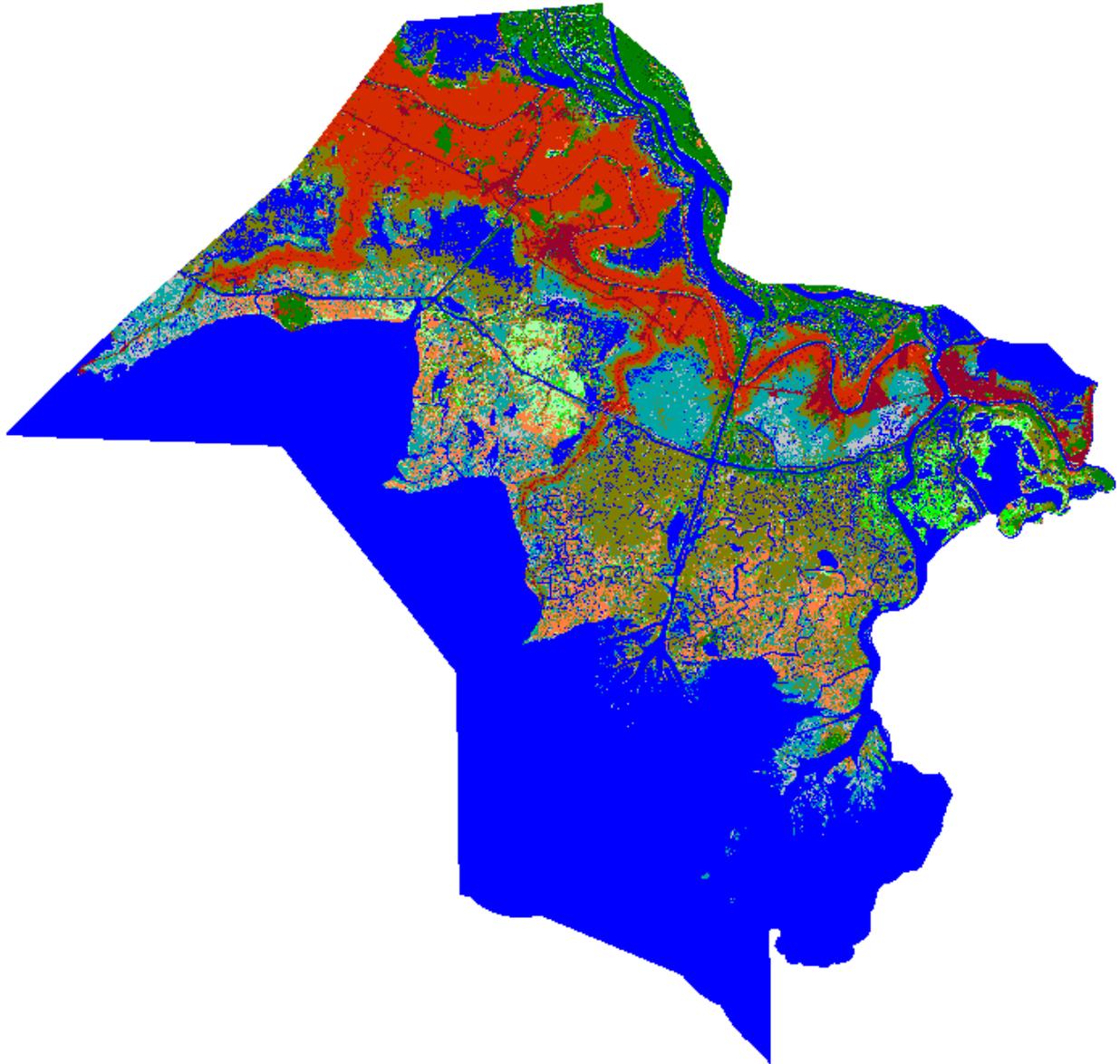


2.0 meter GSLR

2050

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

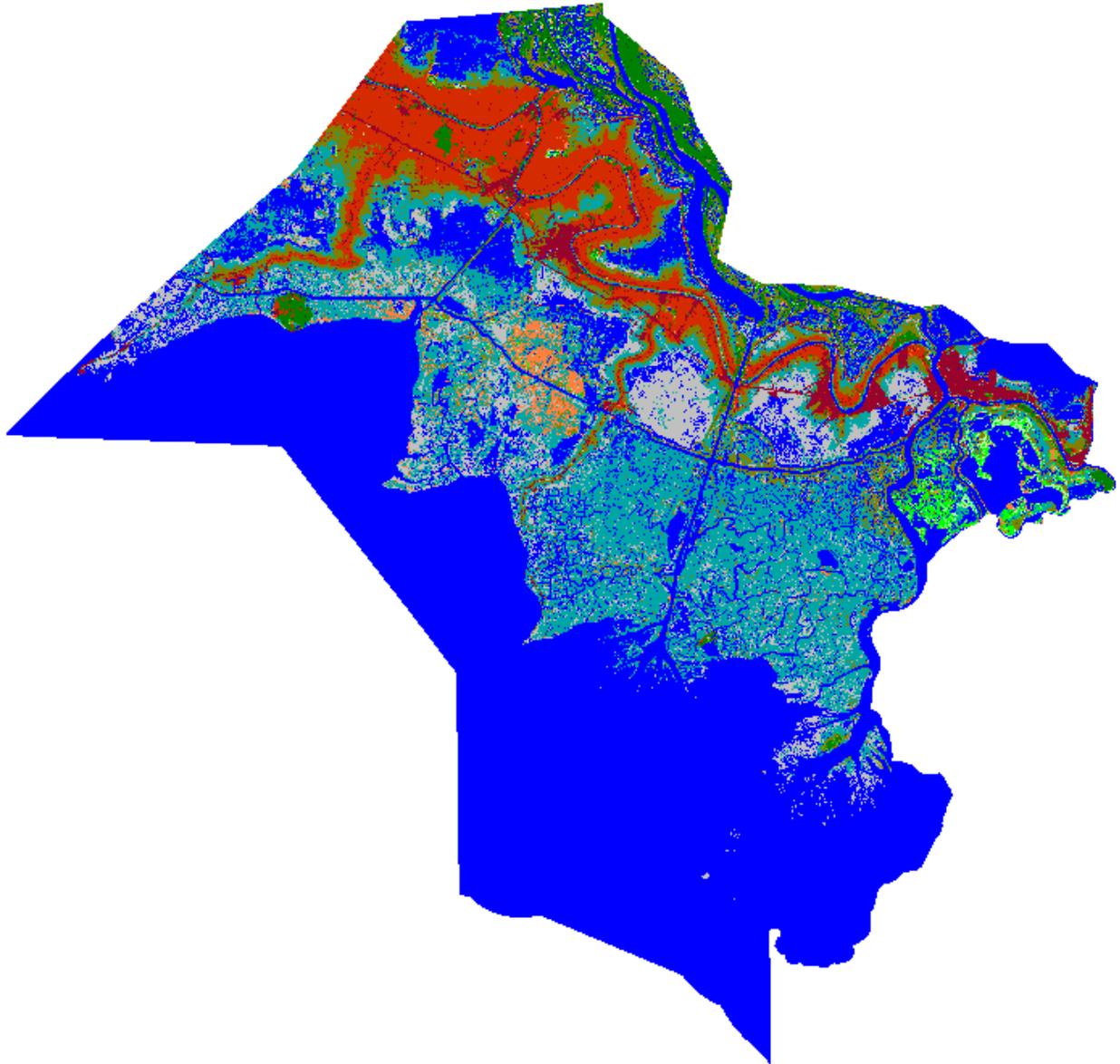


2.0 meter GSLR

2075

St. Mary Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

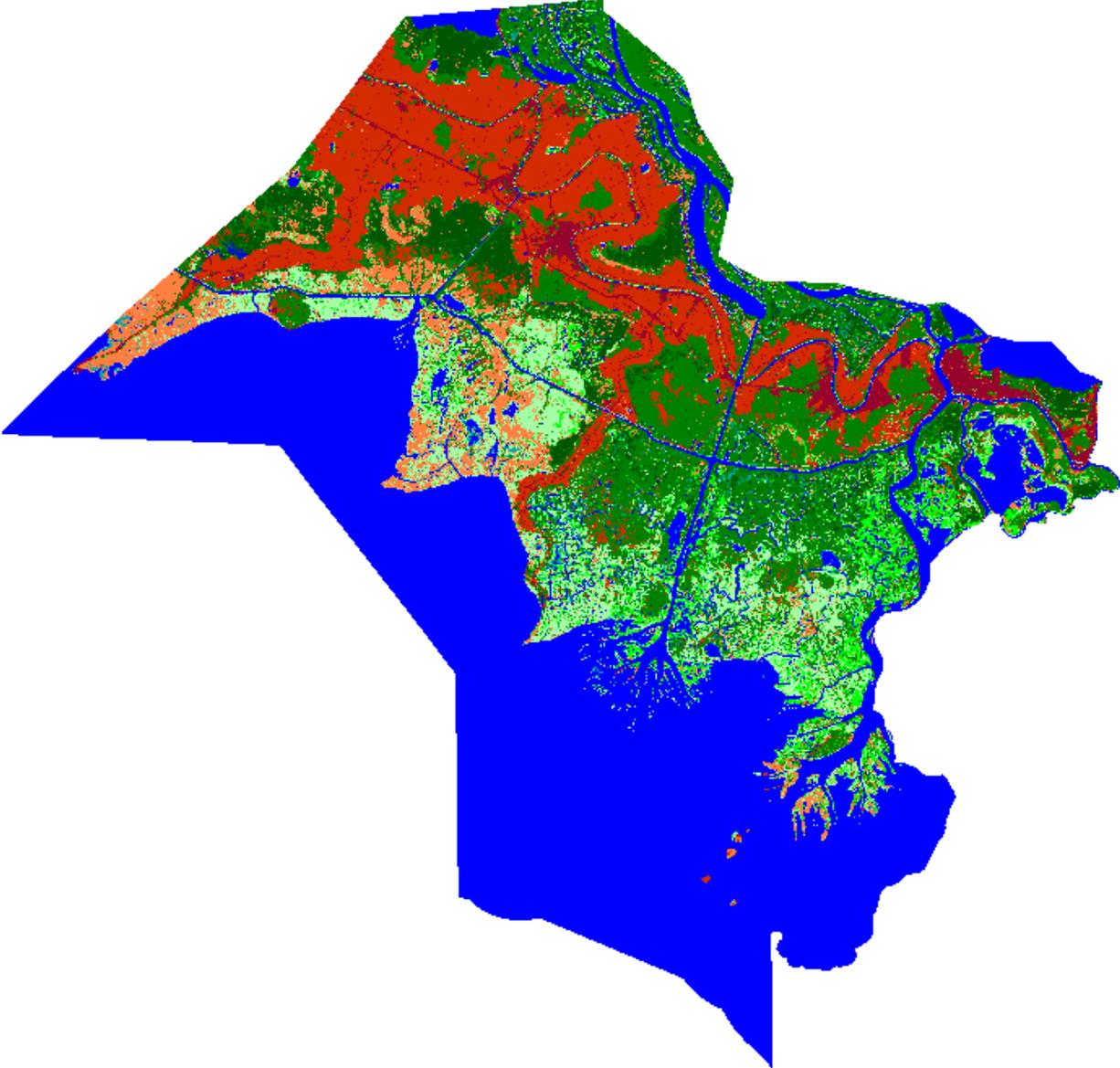


2.0 meter GSLR

2100

St. Mary Parish

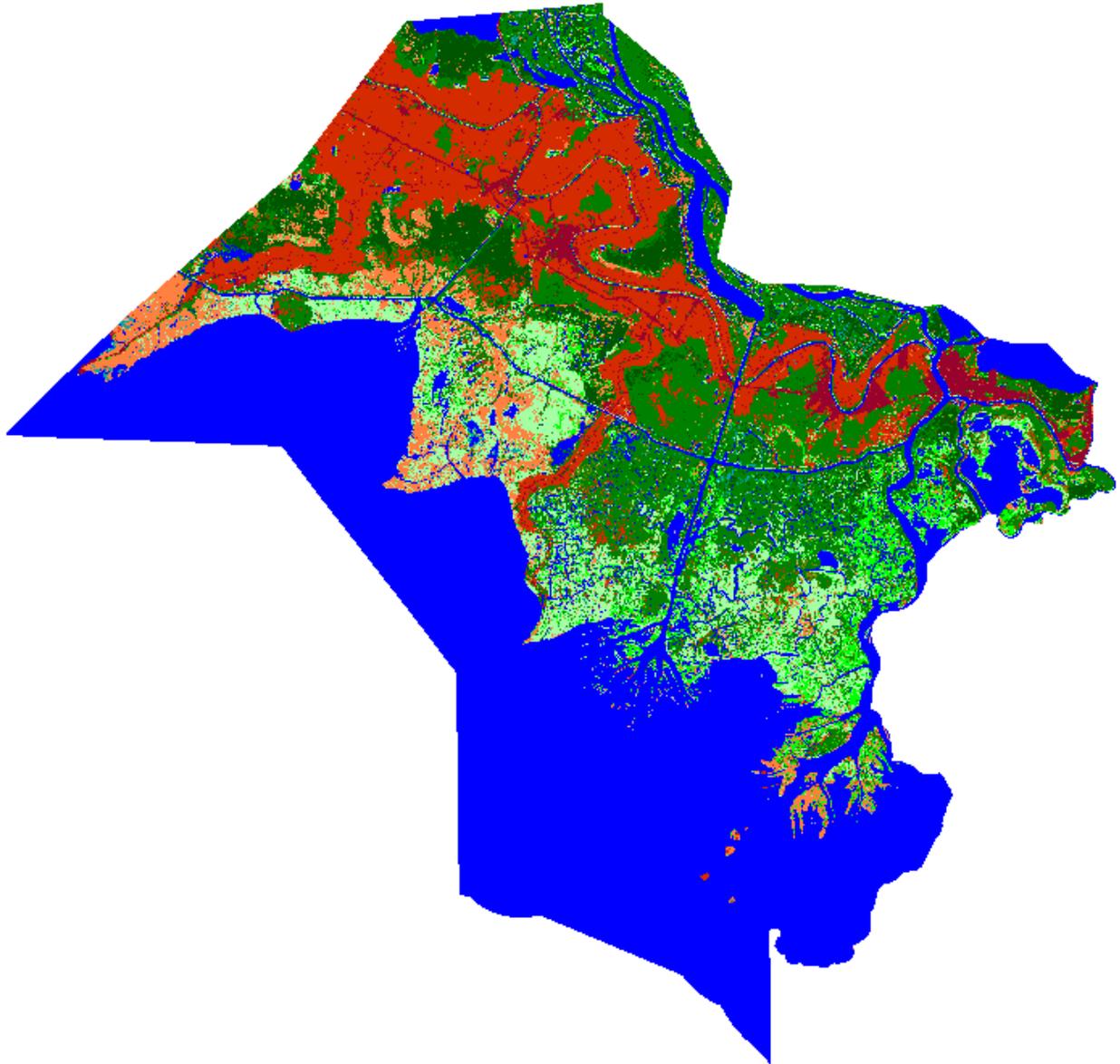
High Subsidence, Protected with Dikes SLAMM Scenarios



0.5 meter GSLR
2025

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

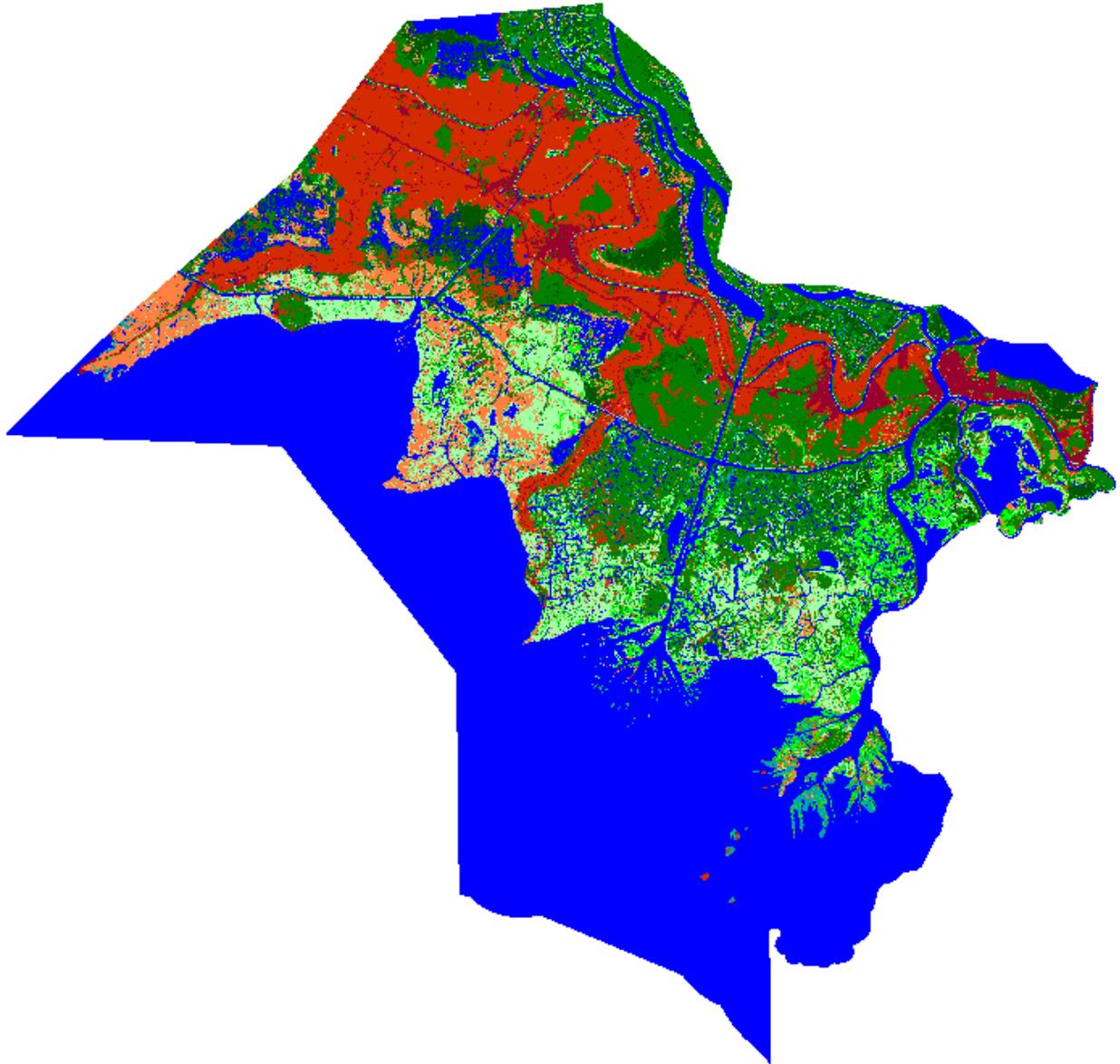


0.5 meter GSLR

2050

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

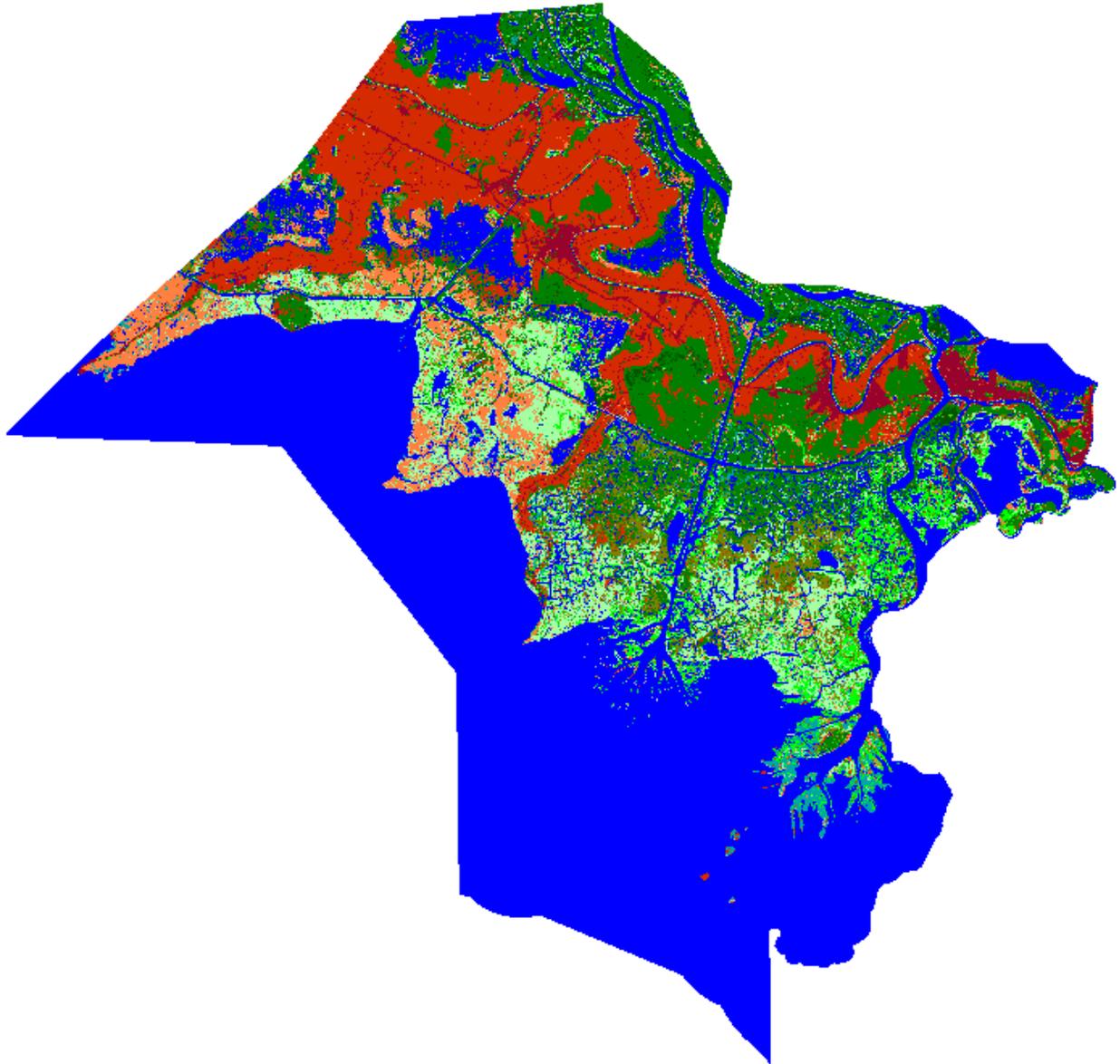


0.5 meter GSLR

2075

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

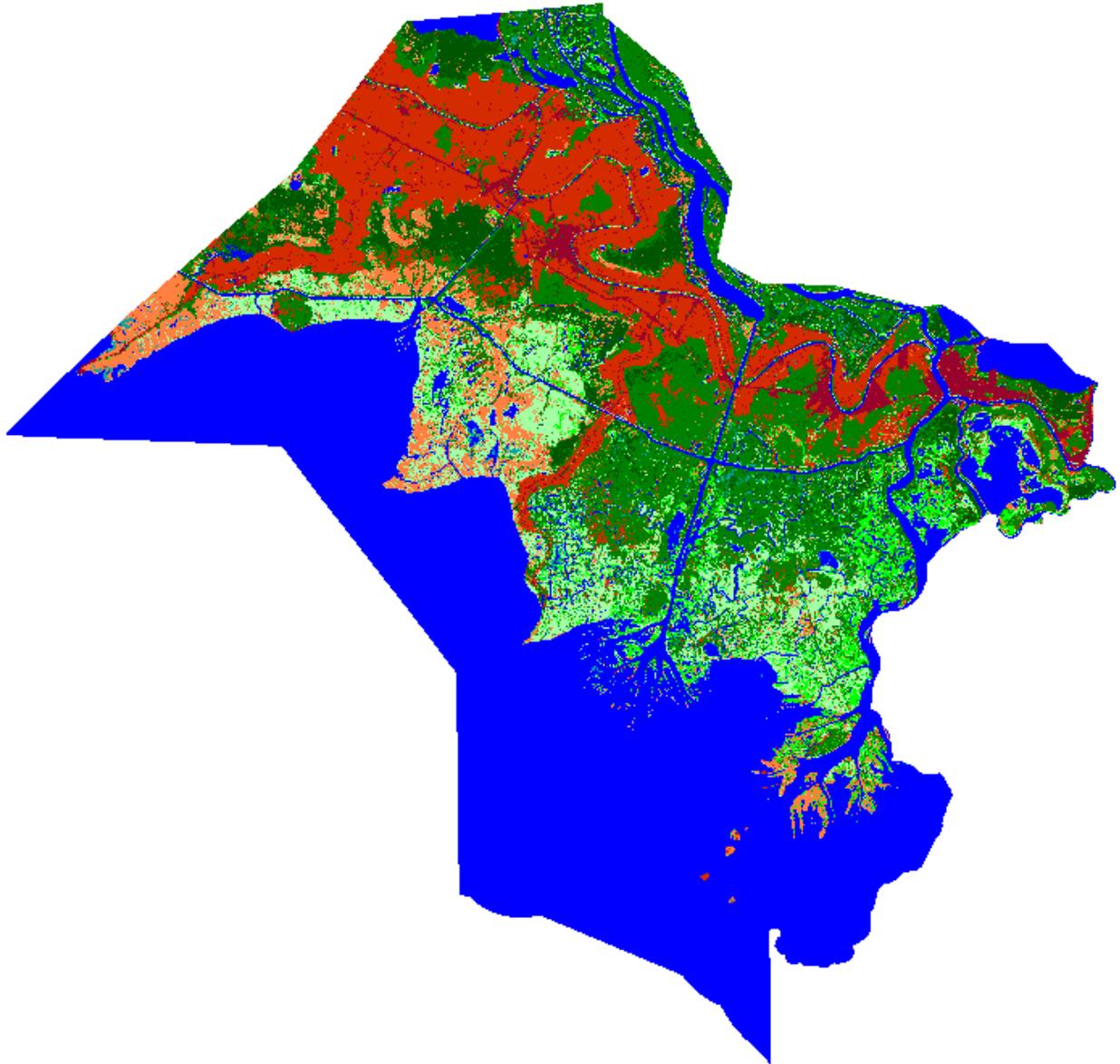


0.5 meter GSLR

20100

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

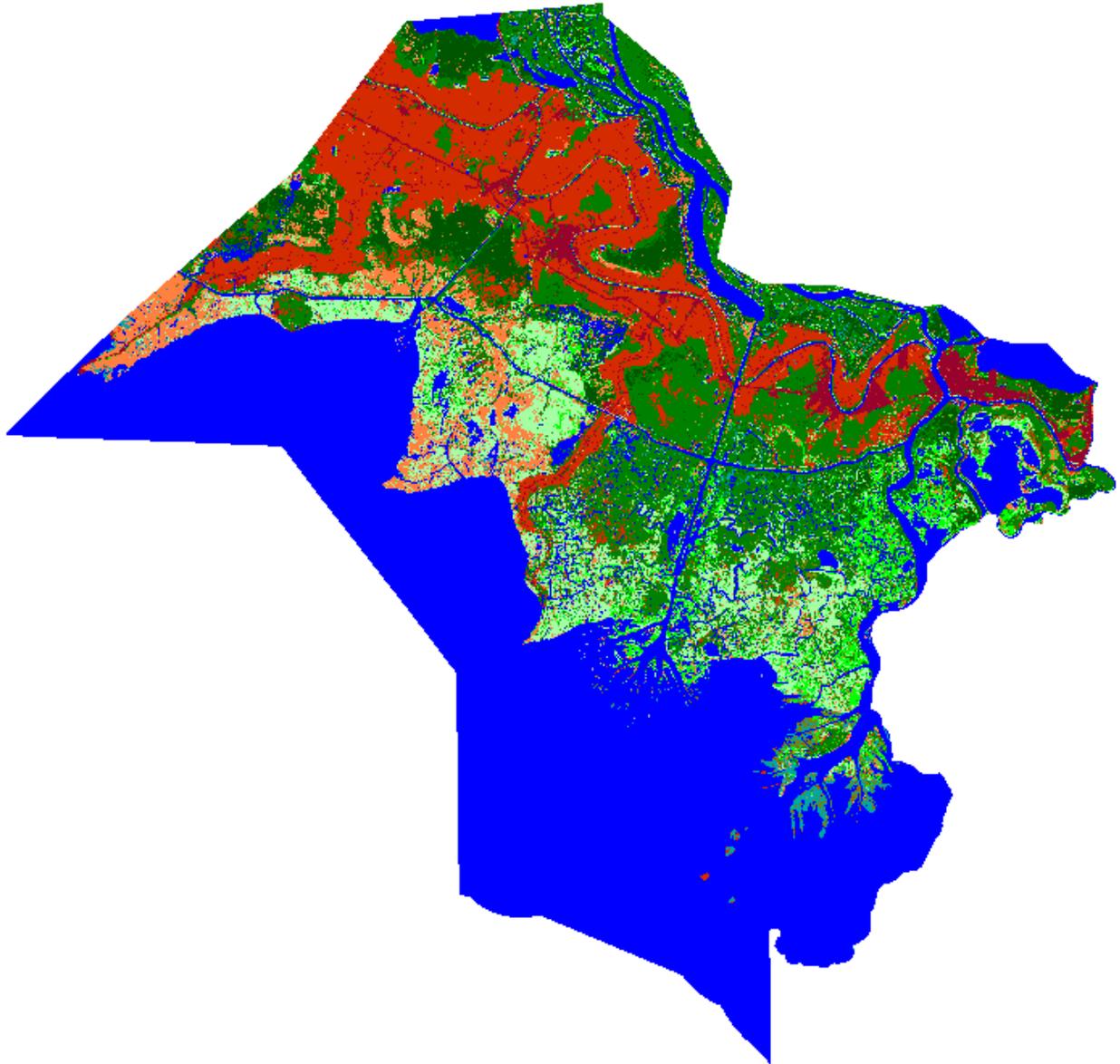


1.0 meter GSLR

2025

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

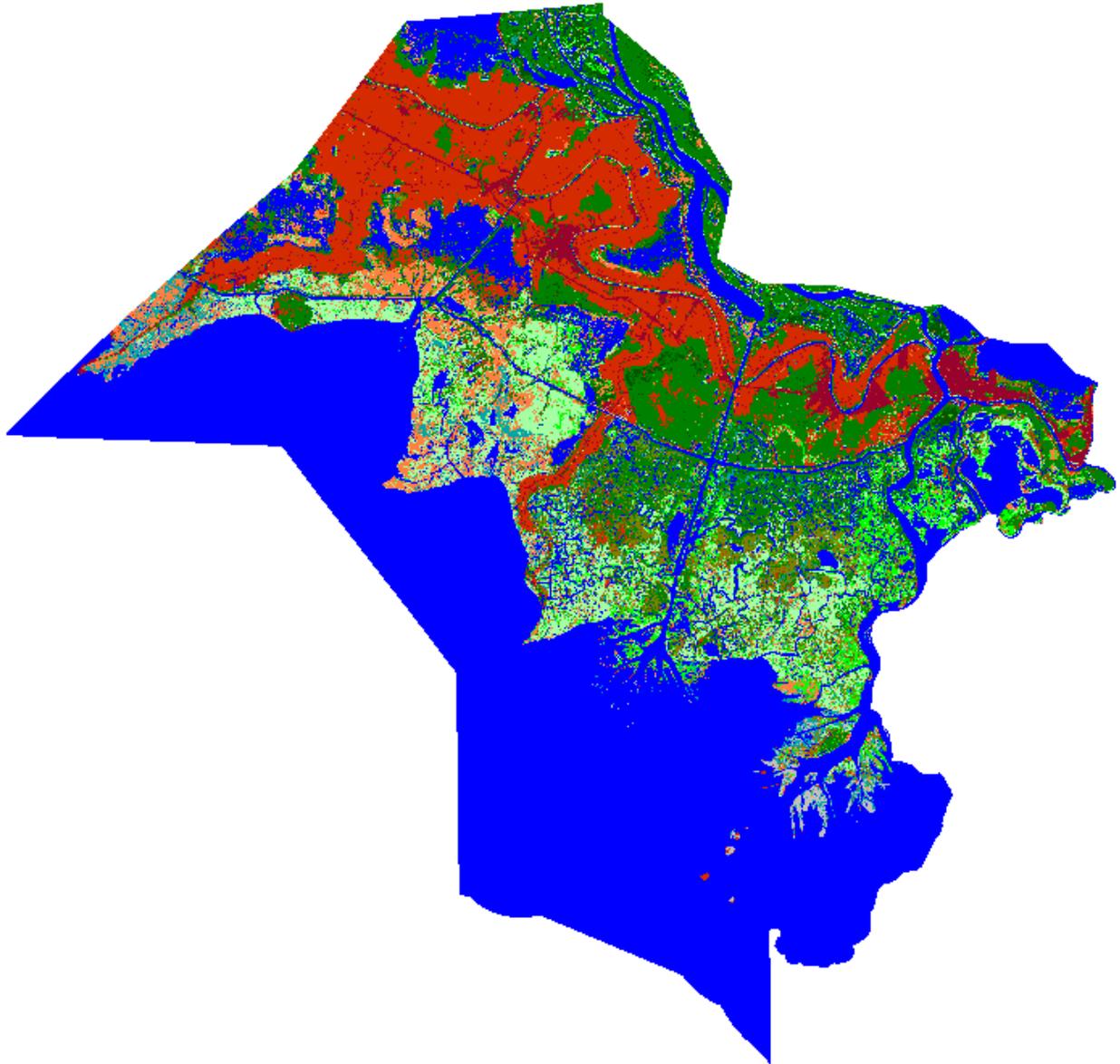


1.0 meter GSLR

2050

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

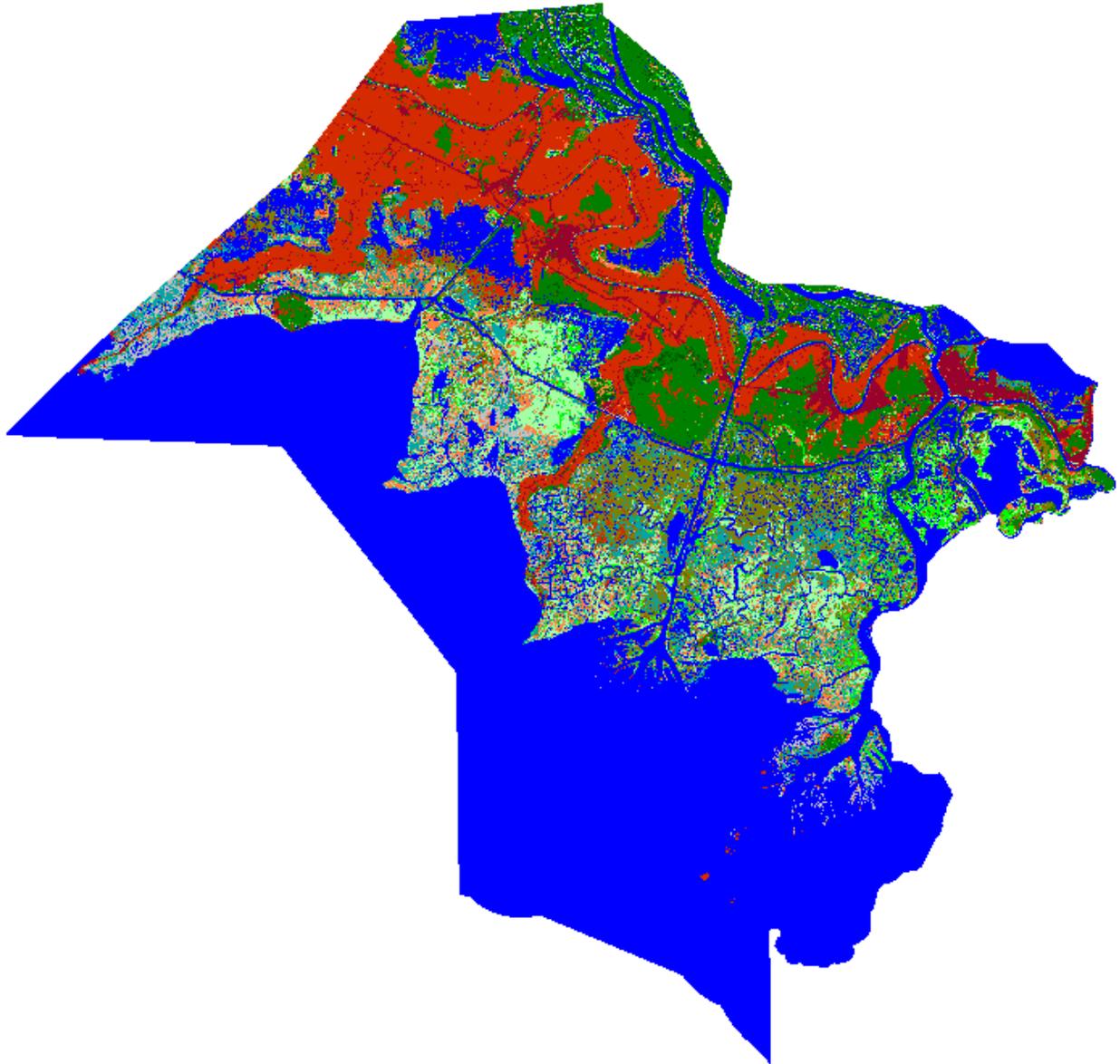


1.0 meter GSLR

2075

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

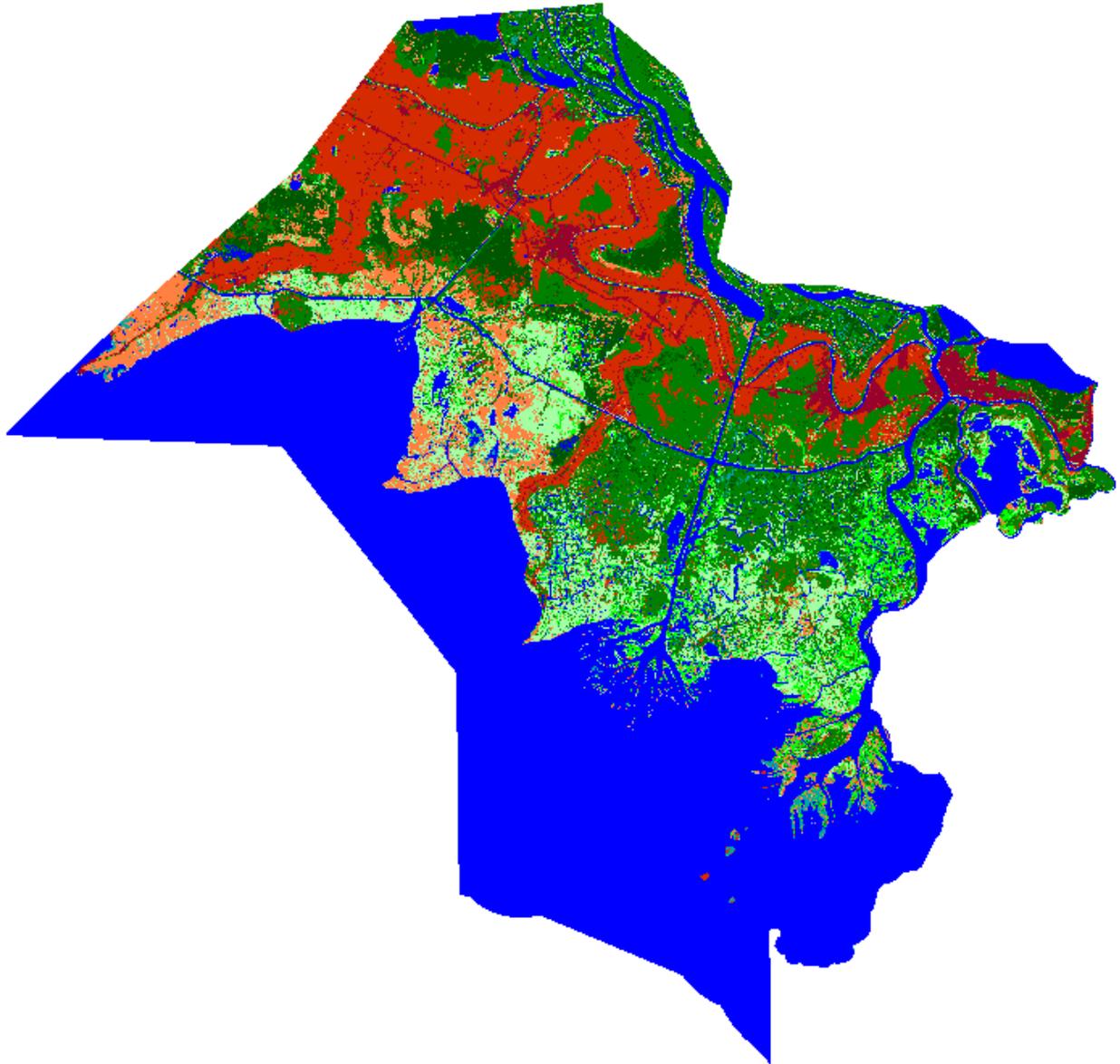


1.0 meter GSLR

2100

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

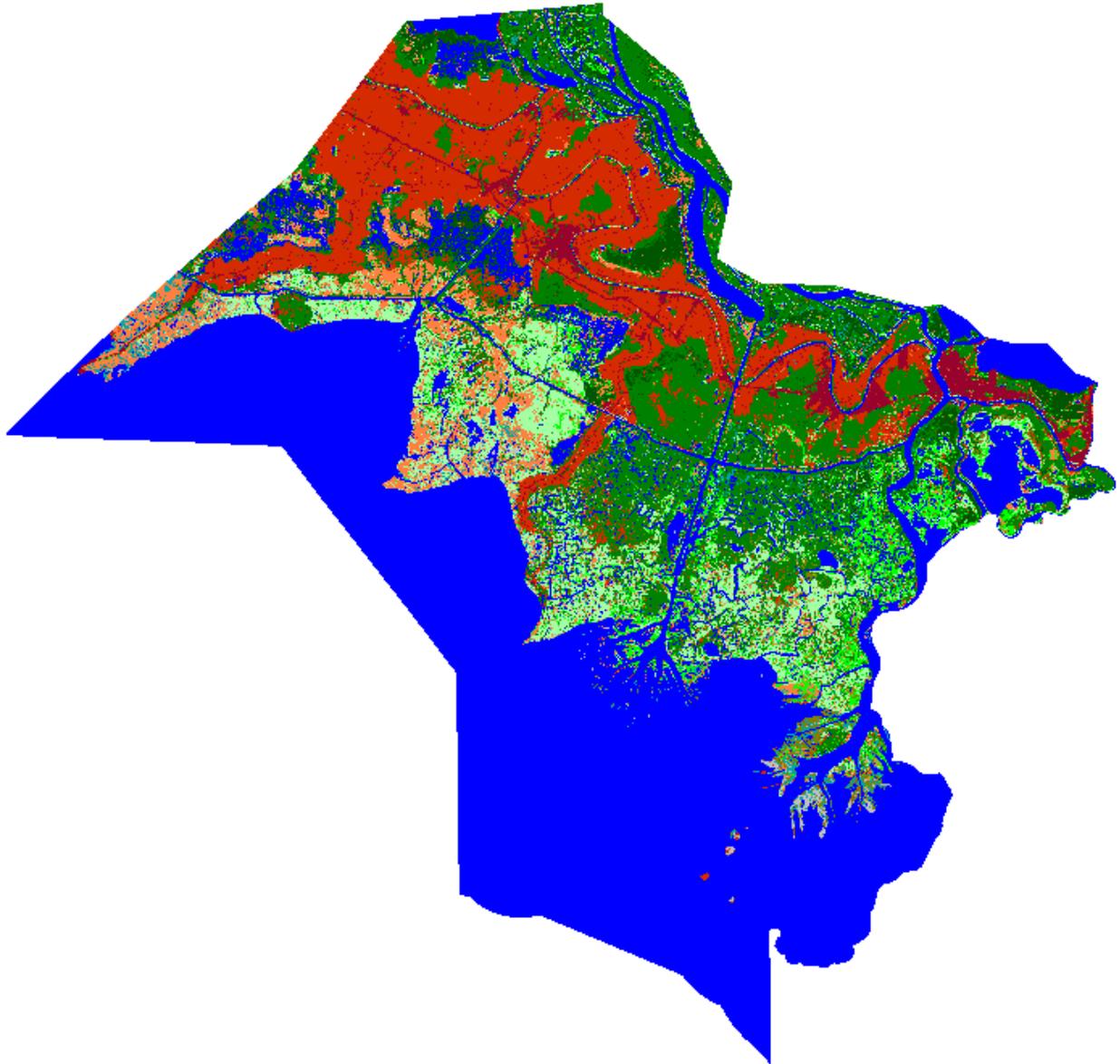


1.5 meter GSLR

2025

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

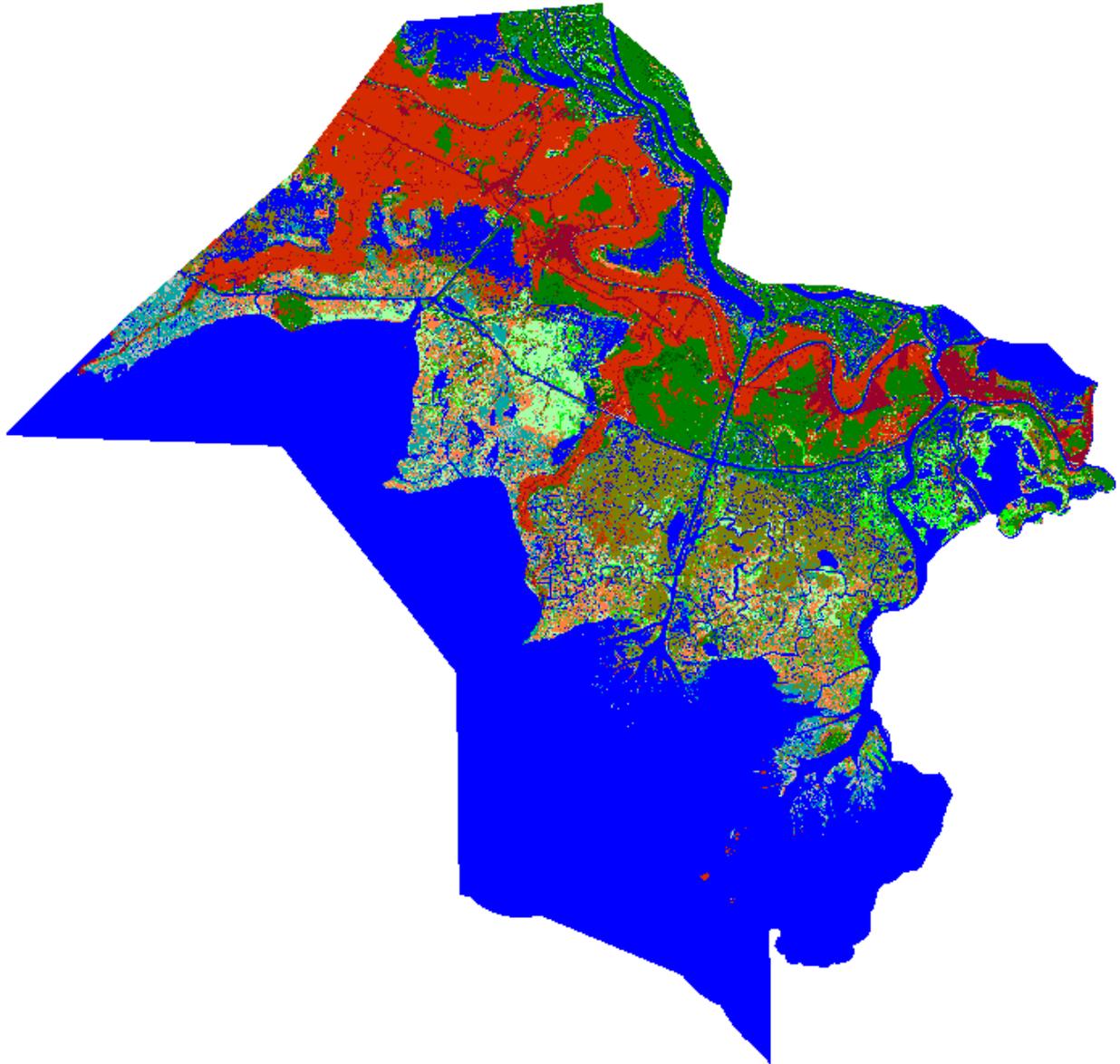


1.5 meter GSLR

2050

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

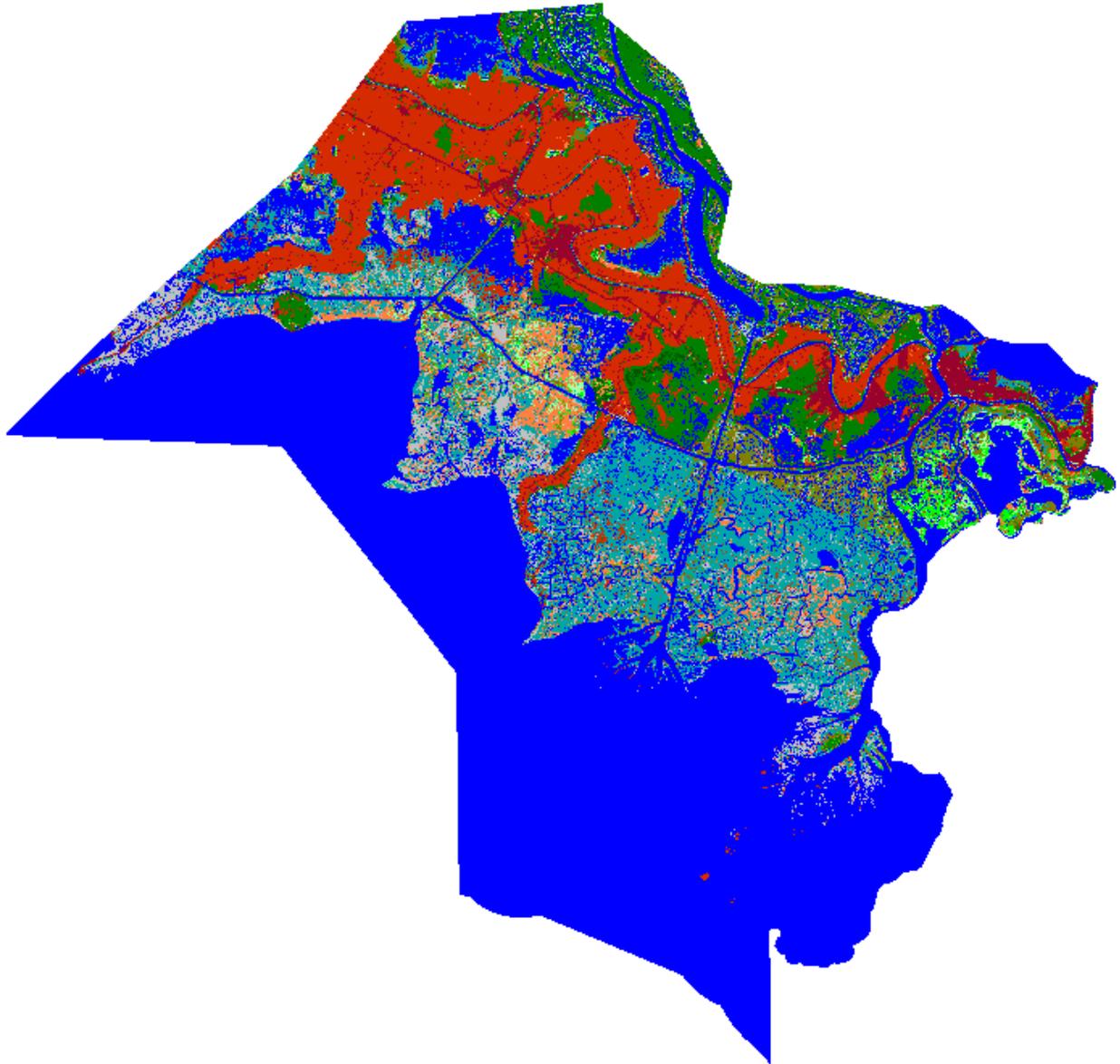


1.5 meter GSLR

2075

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

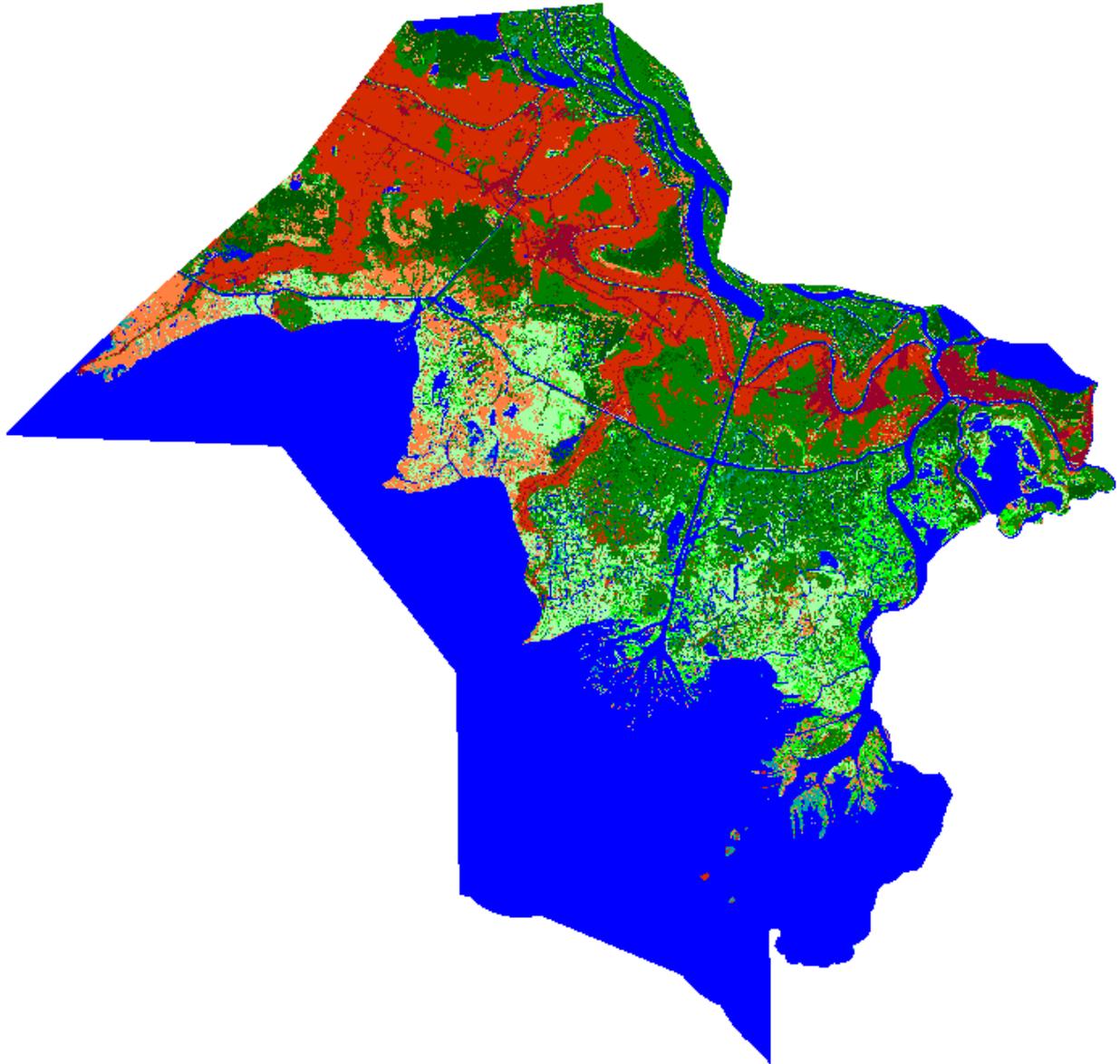


1.5 meter GSLR

2100

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

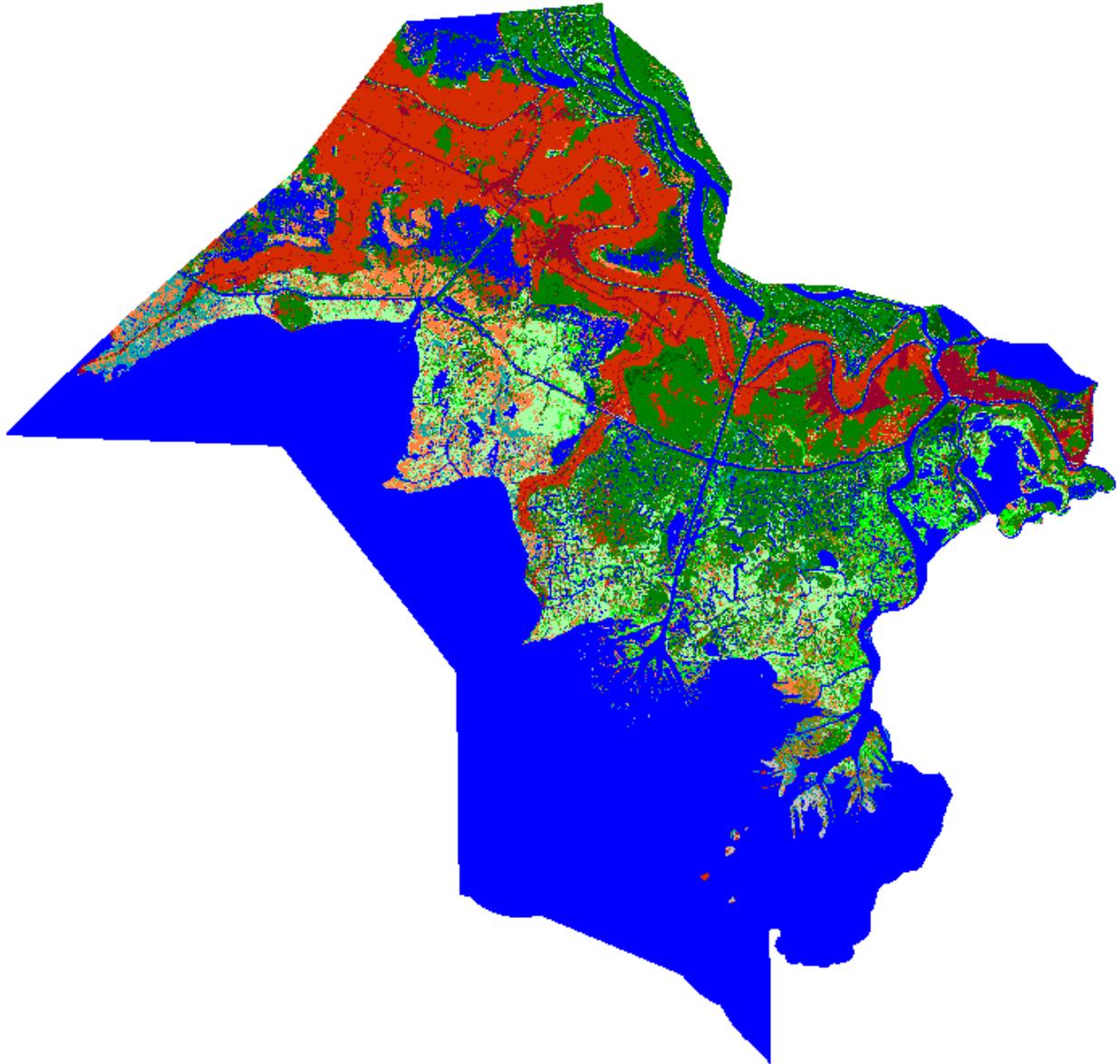


2.0 meter GSLR

2025

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

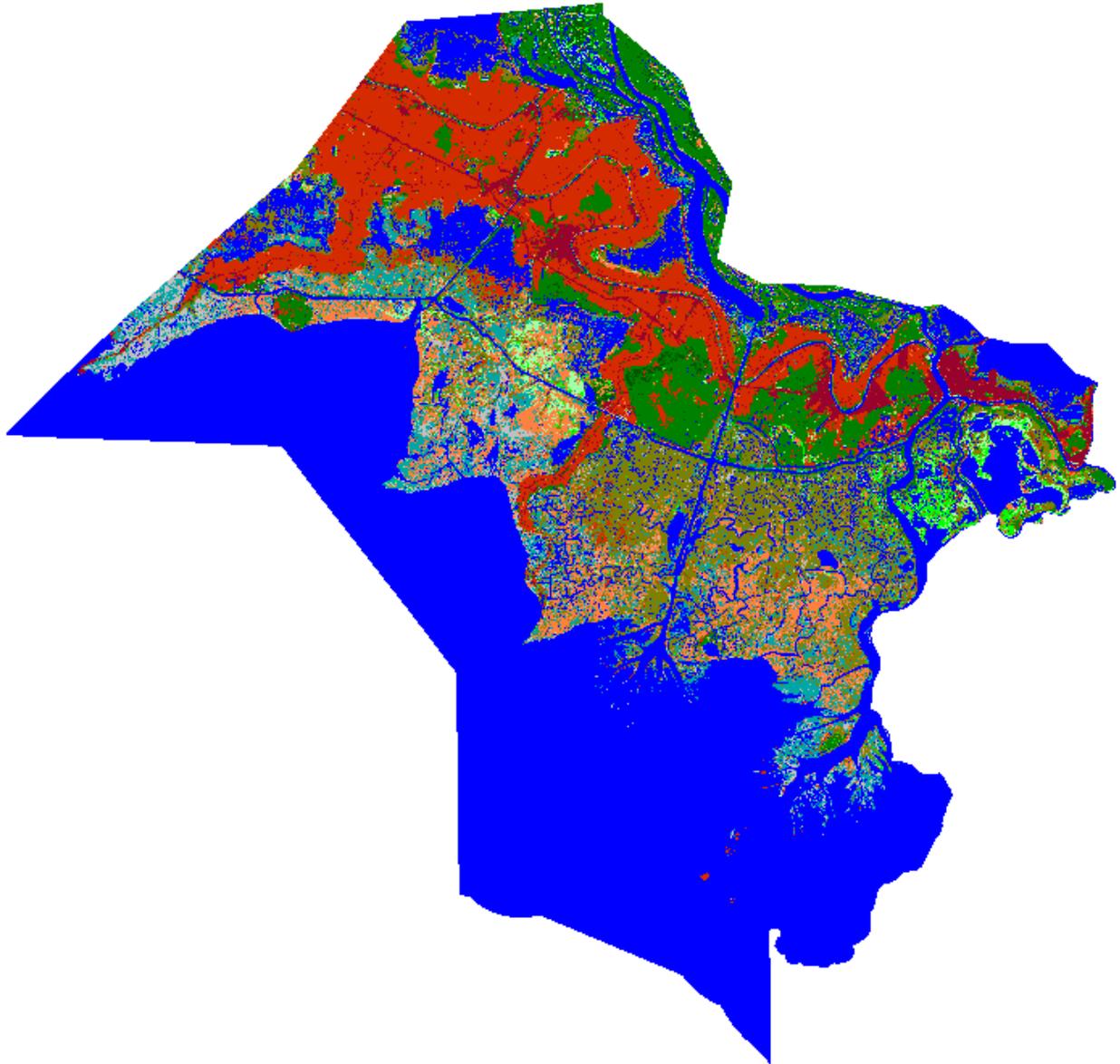


2.0 meter GSLR

2050

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

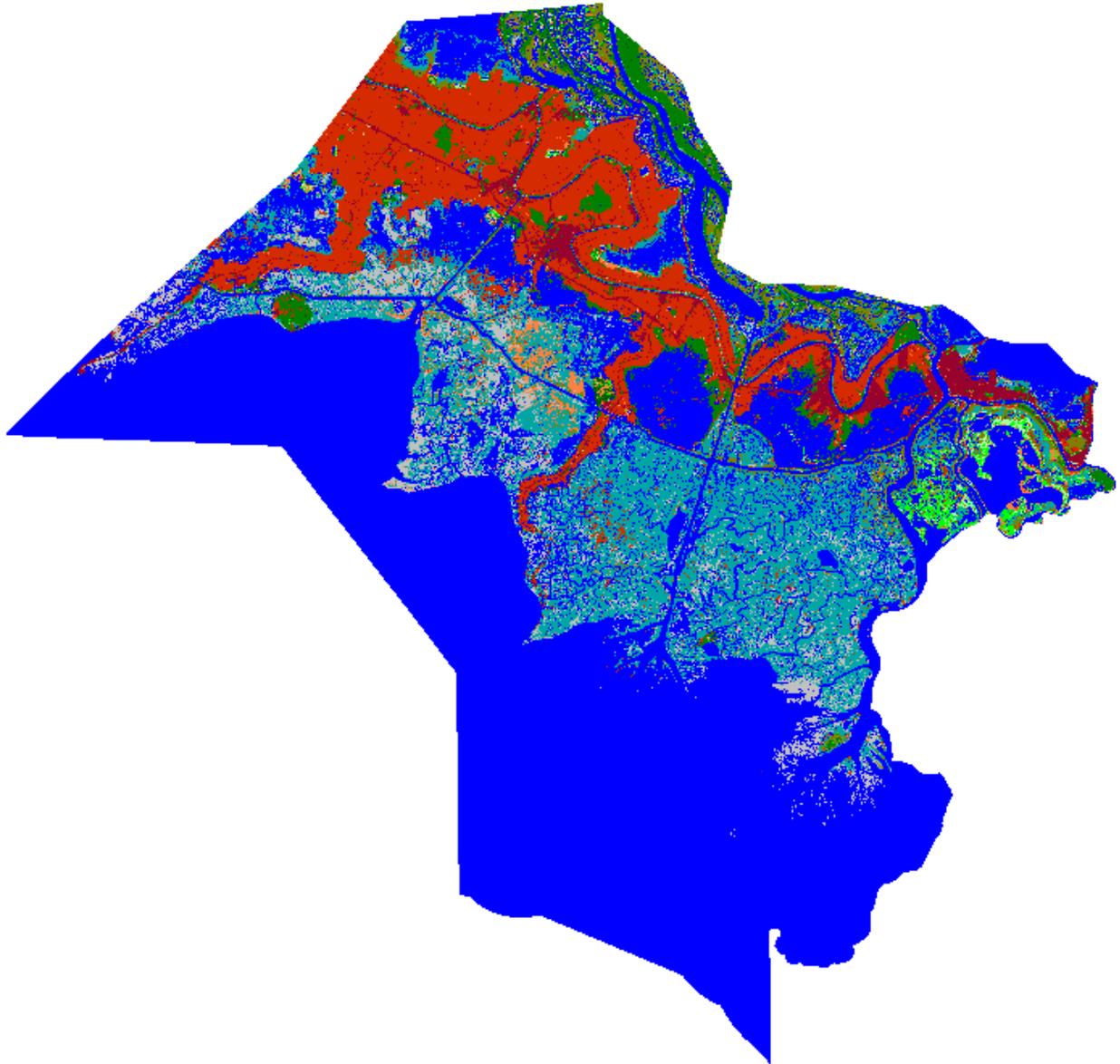


2.0 meter GSLR

2075

St. Mary Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

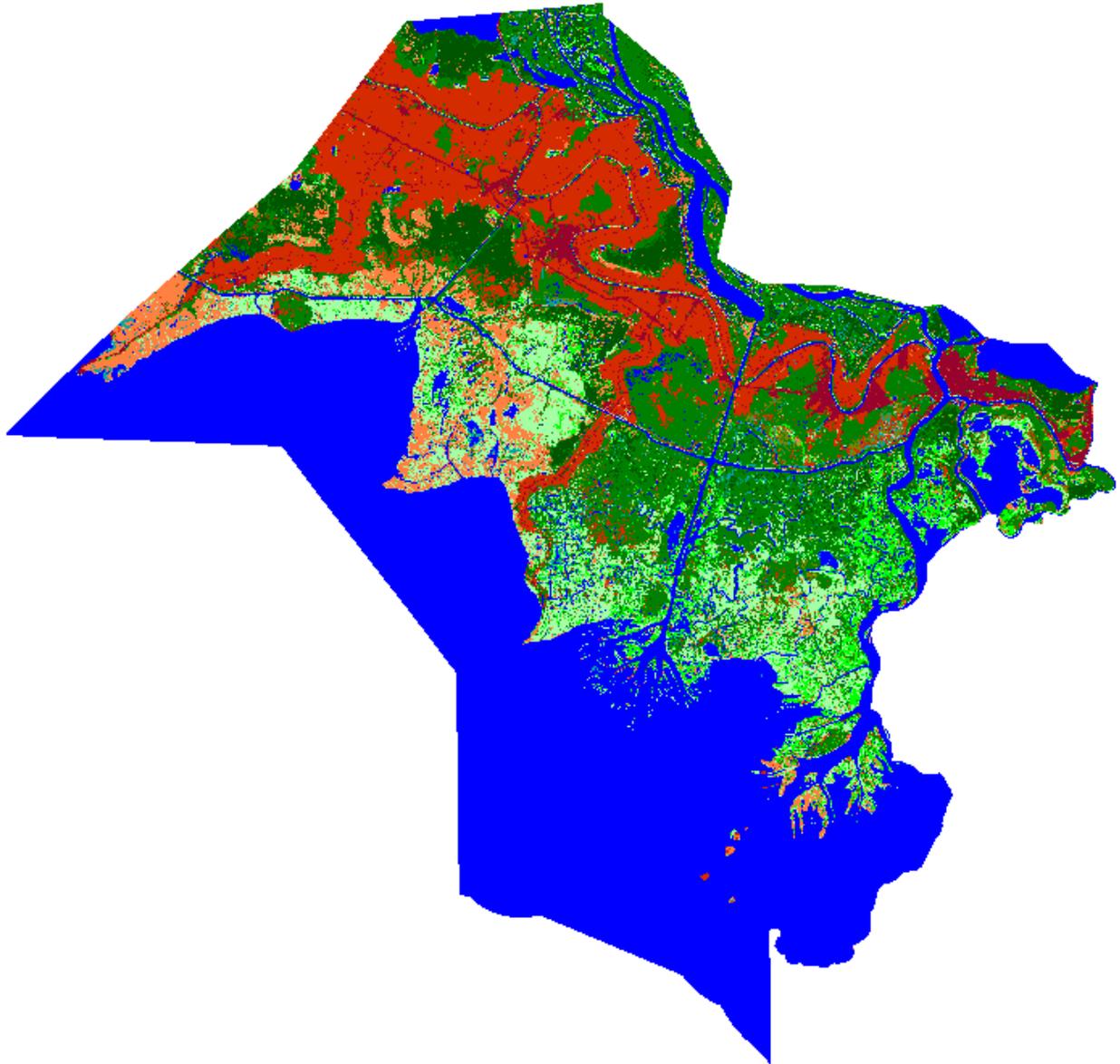


2.0 meter GSLR

20100

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

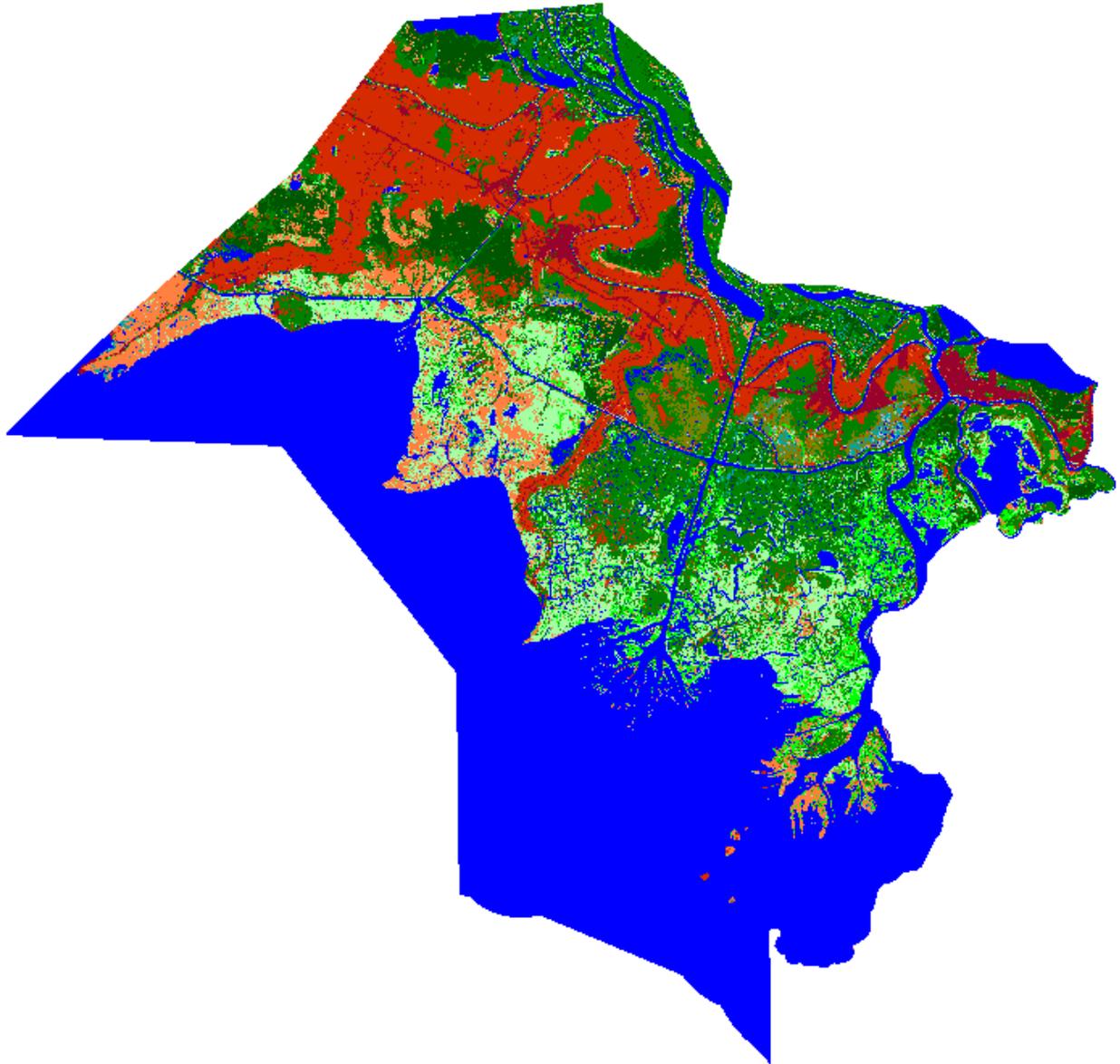


0.5 meter GSLR

2025

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

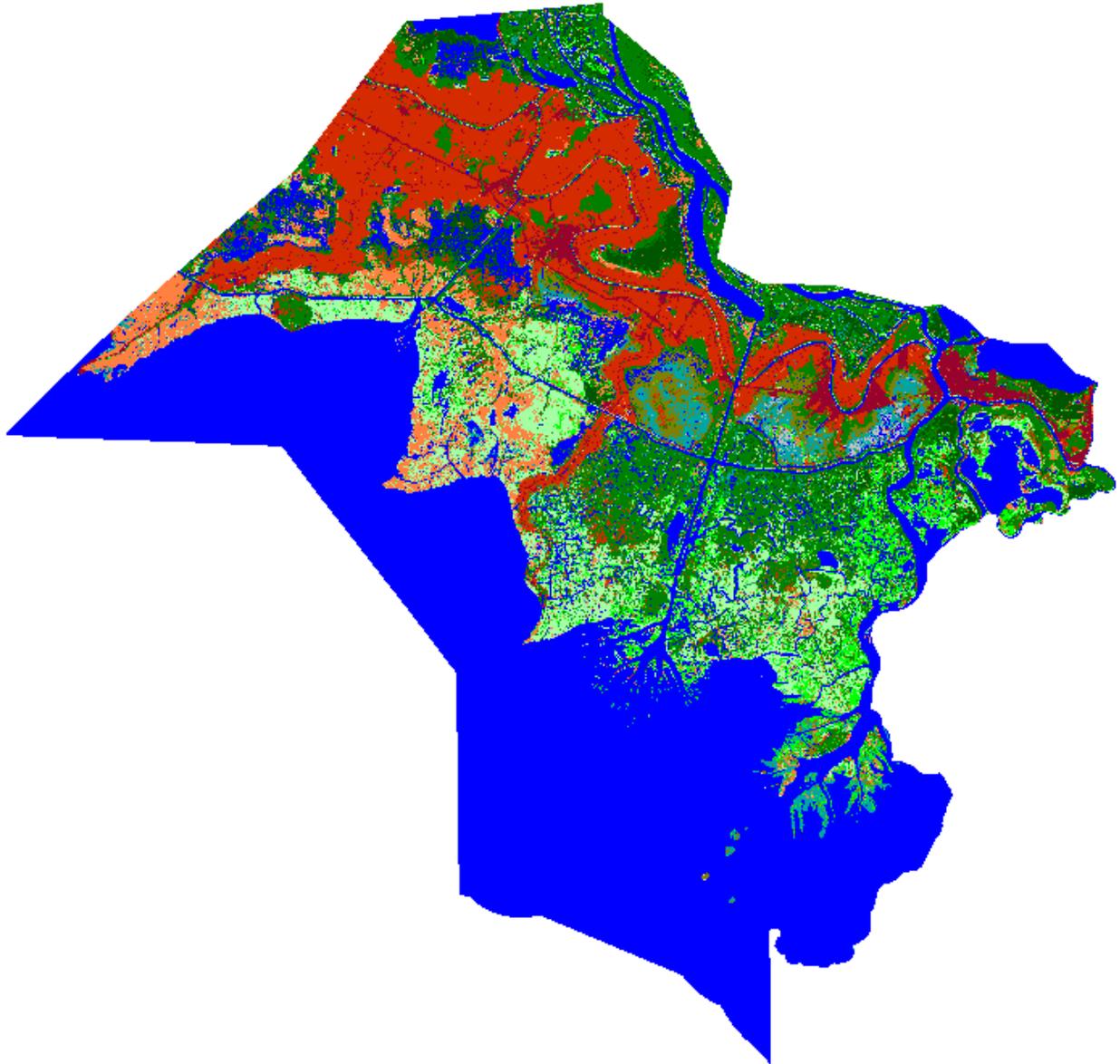


0.5 meter GSLR

2050

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

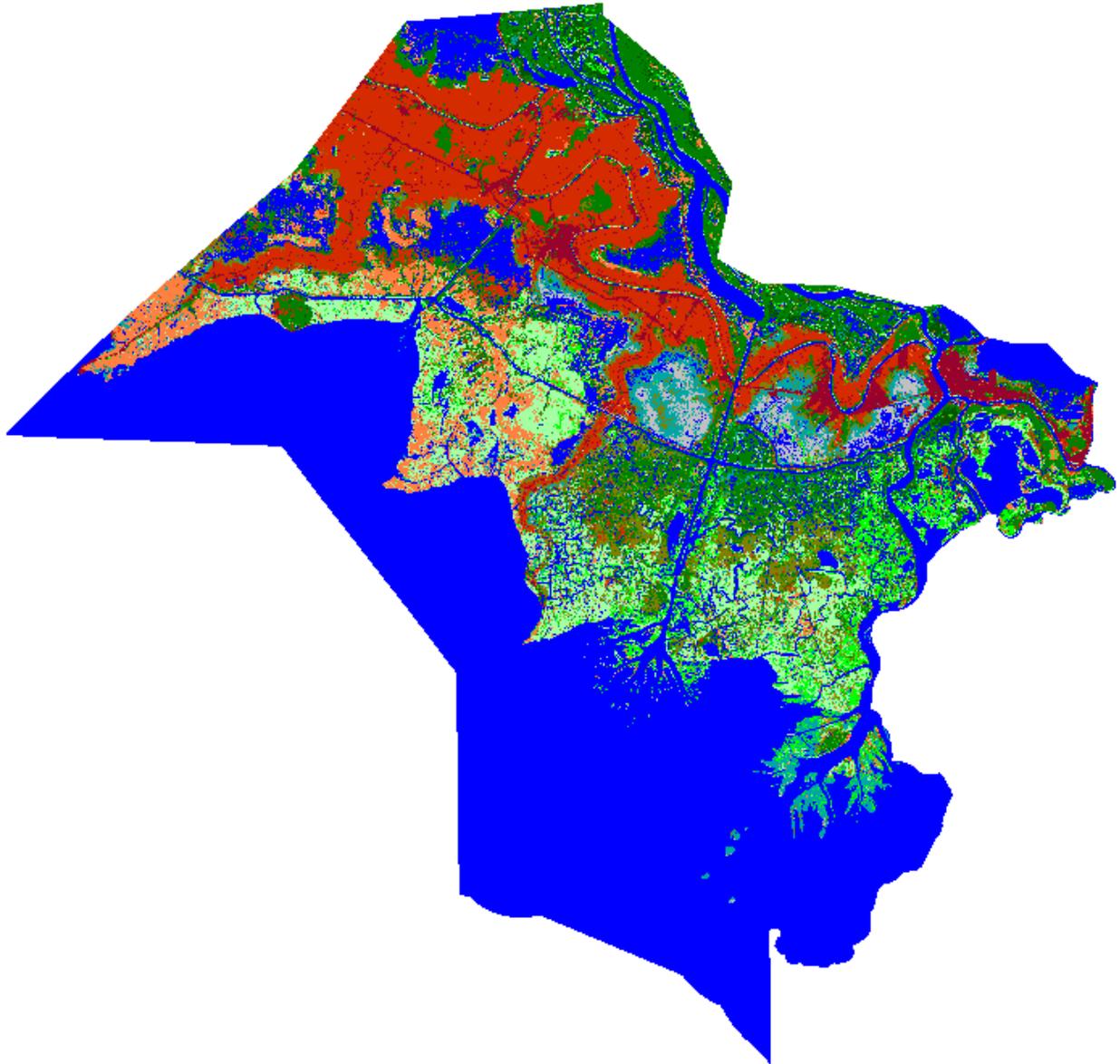


0.5 meter GSLR

2075

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

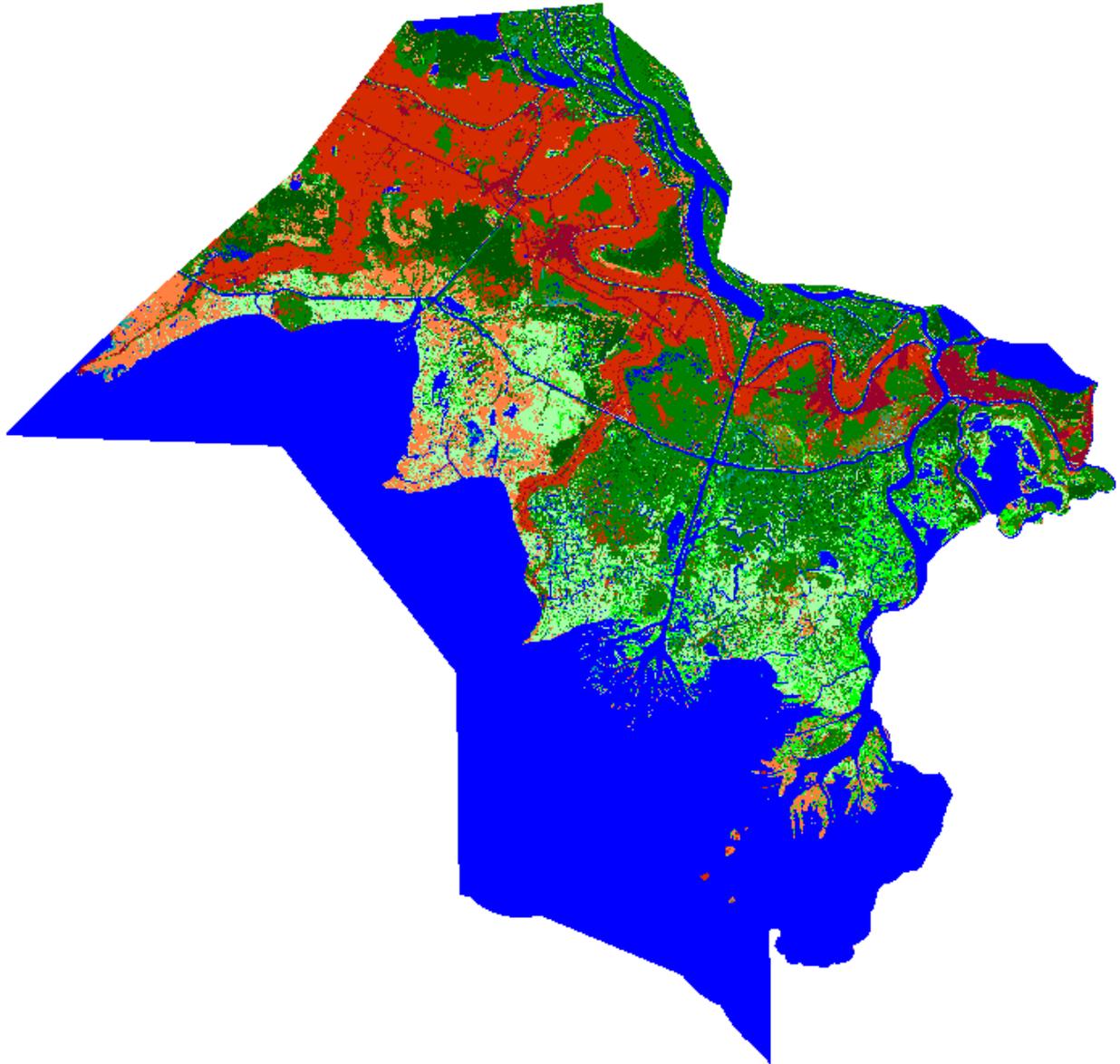


0.5 meter GSLR

2100

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

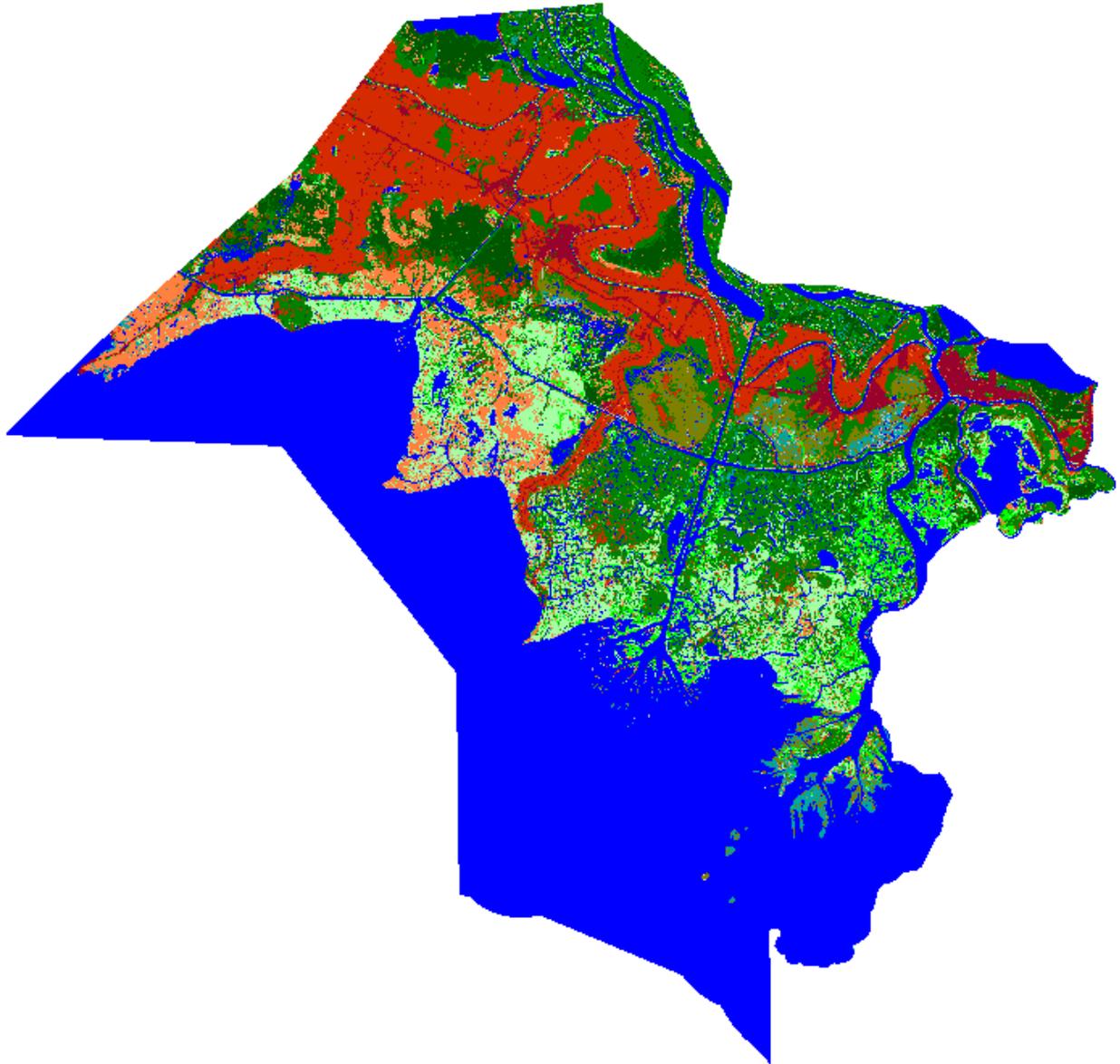


1.0 meter GSLR

2025

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

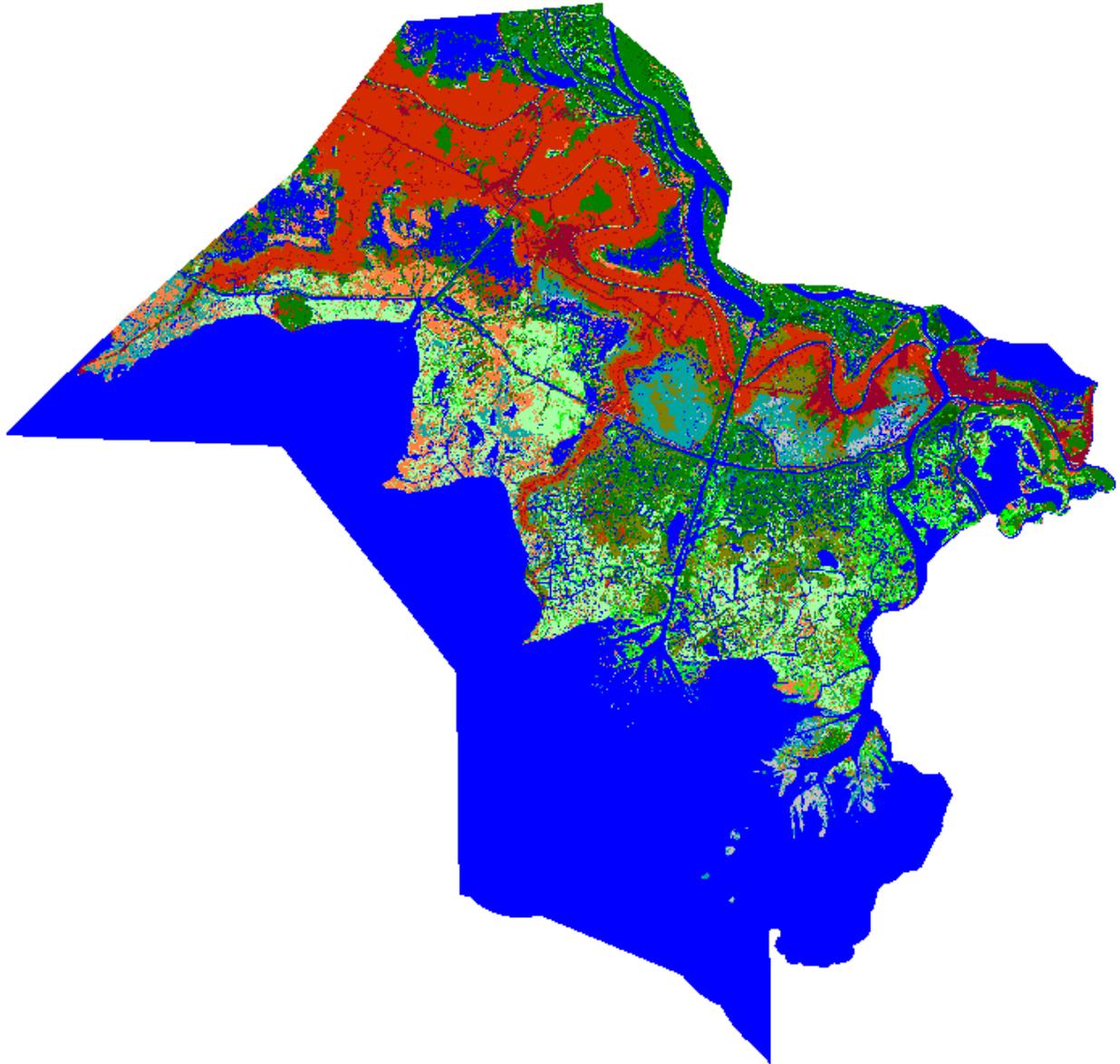


1.0 meter GSLR

2050

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

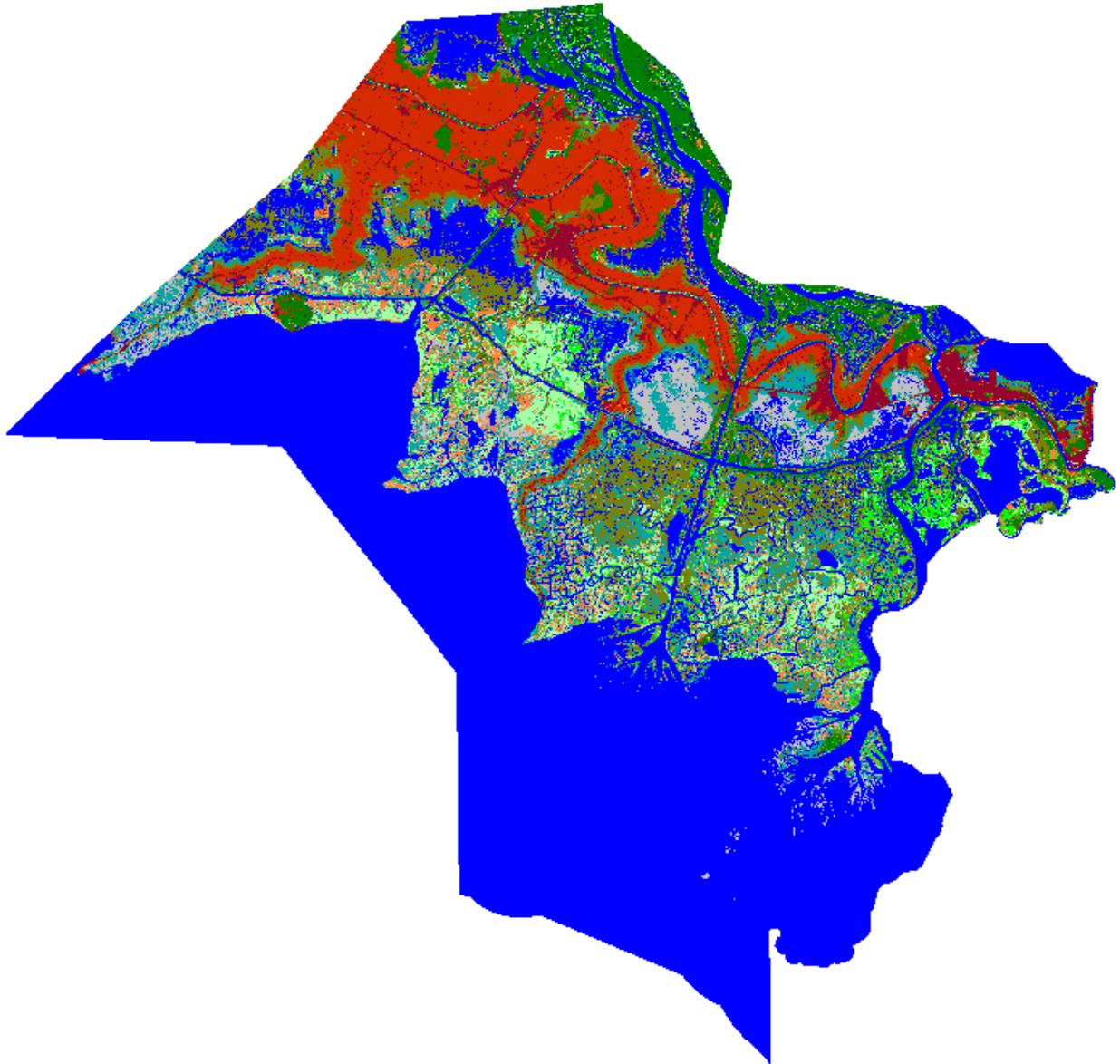


1.0 meter GSLR

2075

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

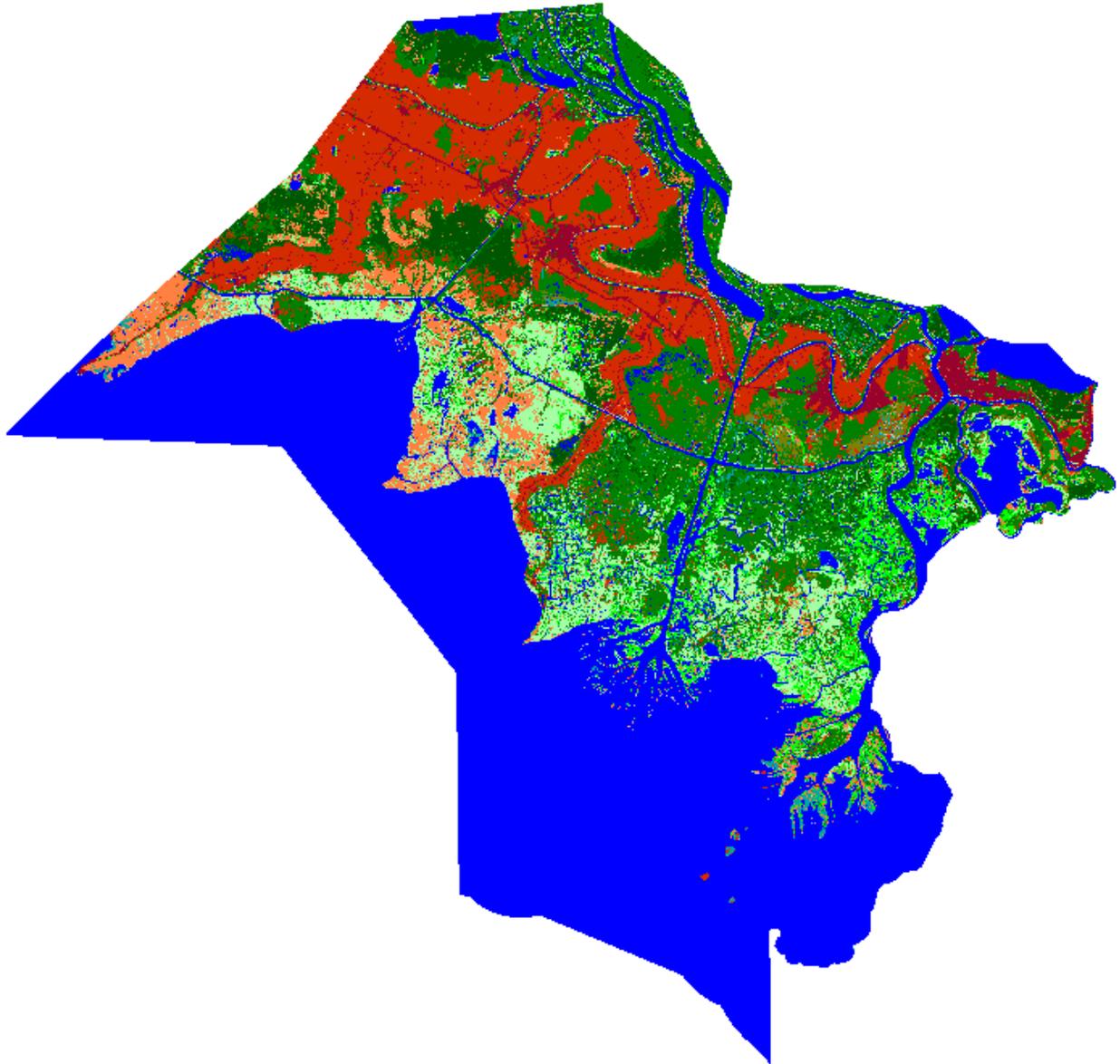


1.0 meter GSLR

2100

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

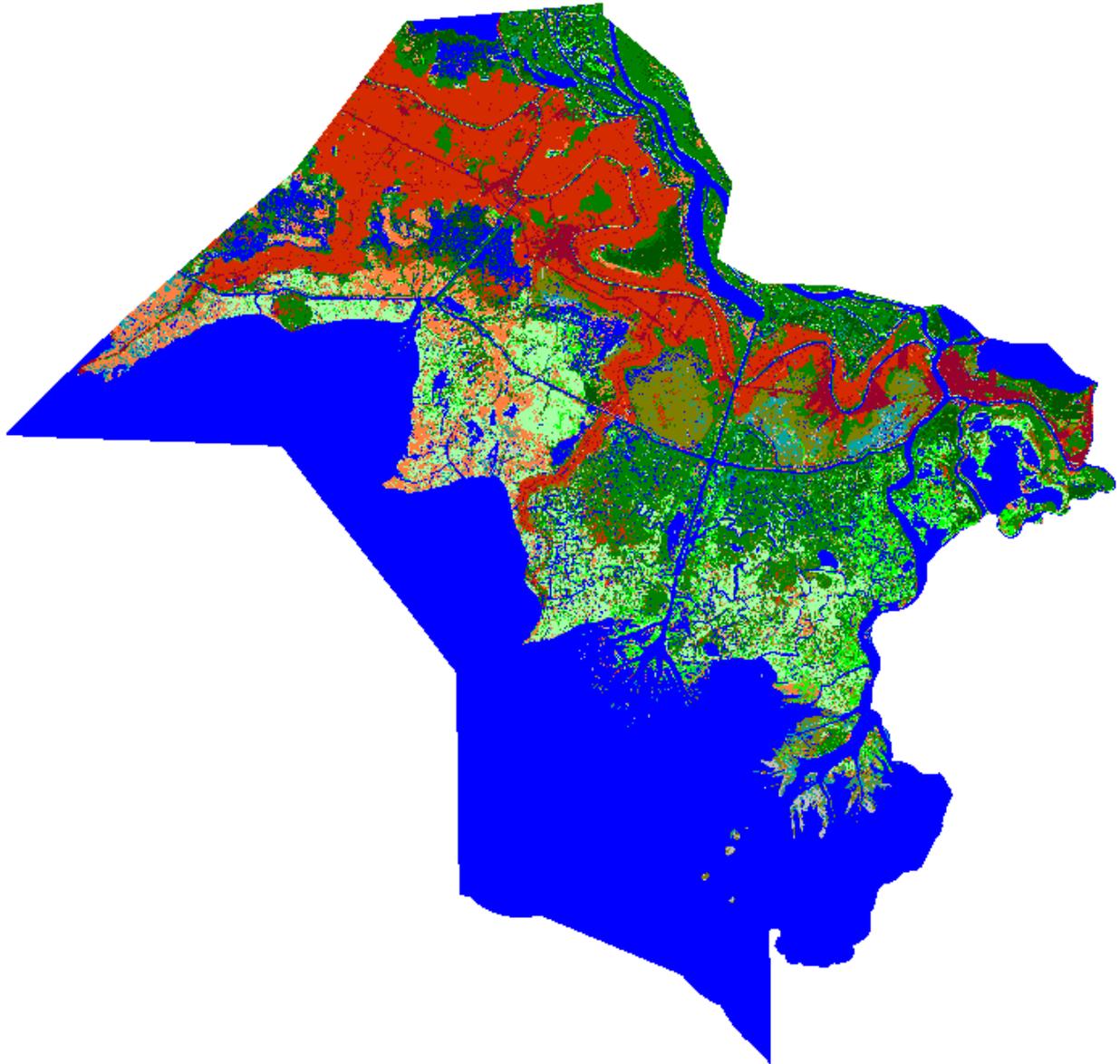


1.5 meter GSLR

2025

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

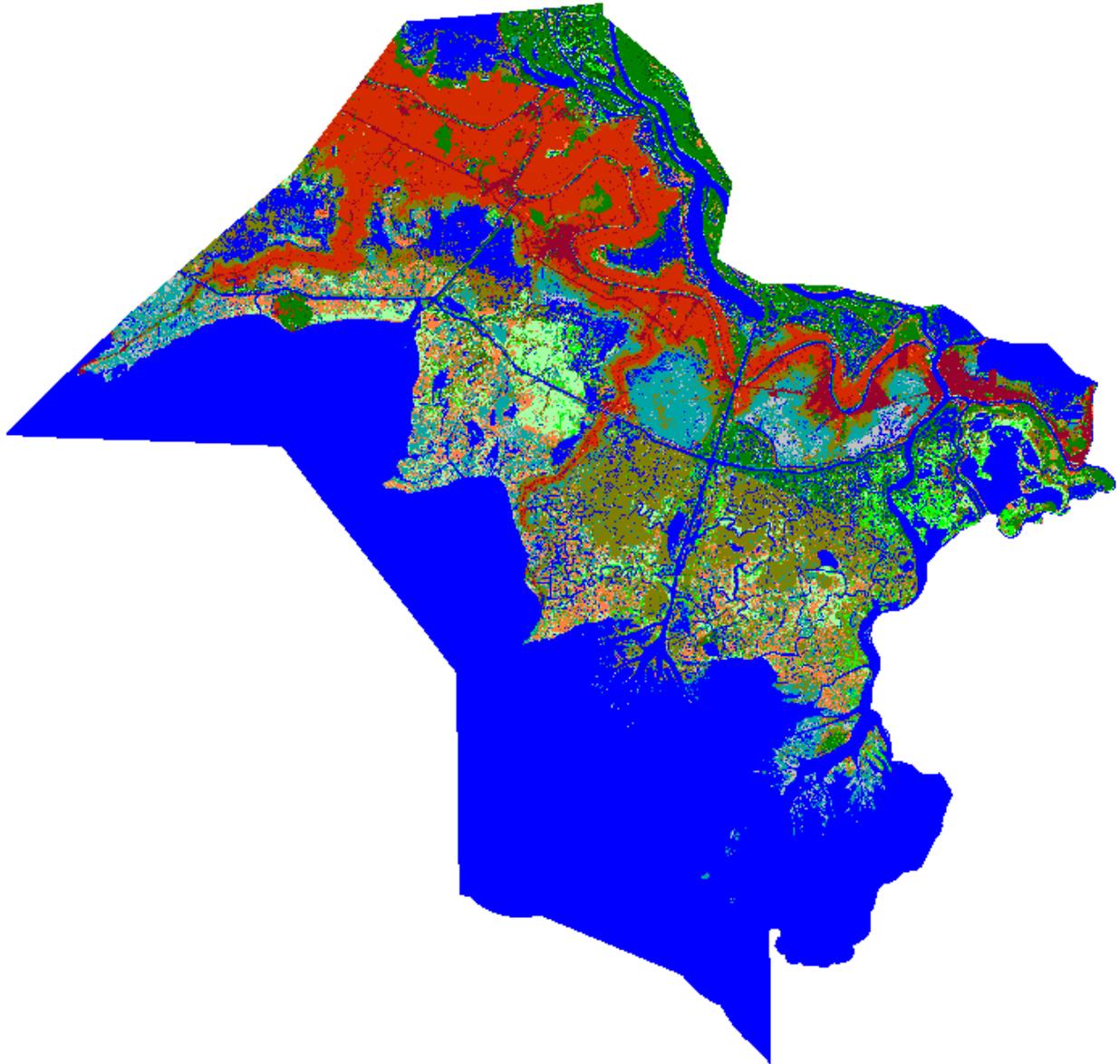


1.5 meter GSLR

2050

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

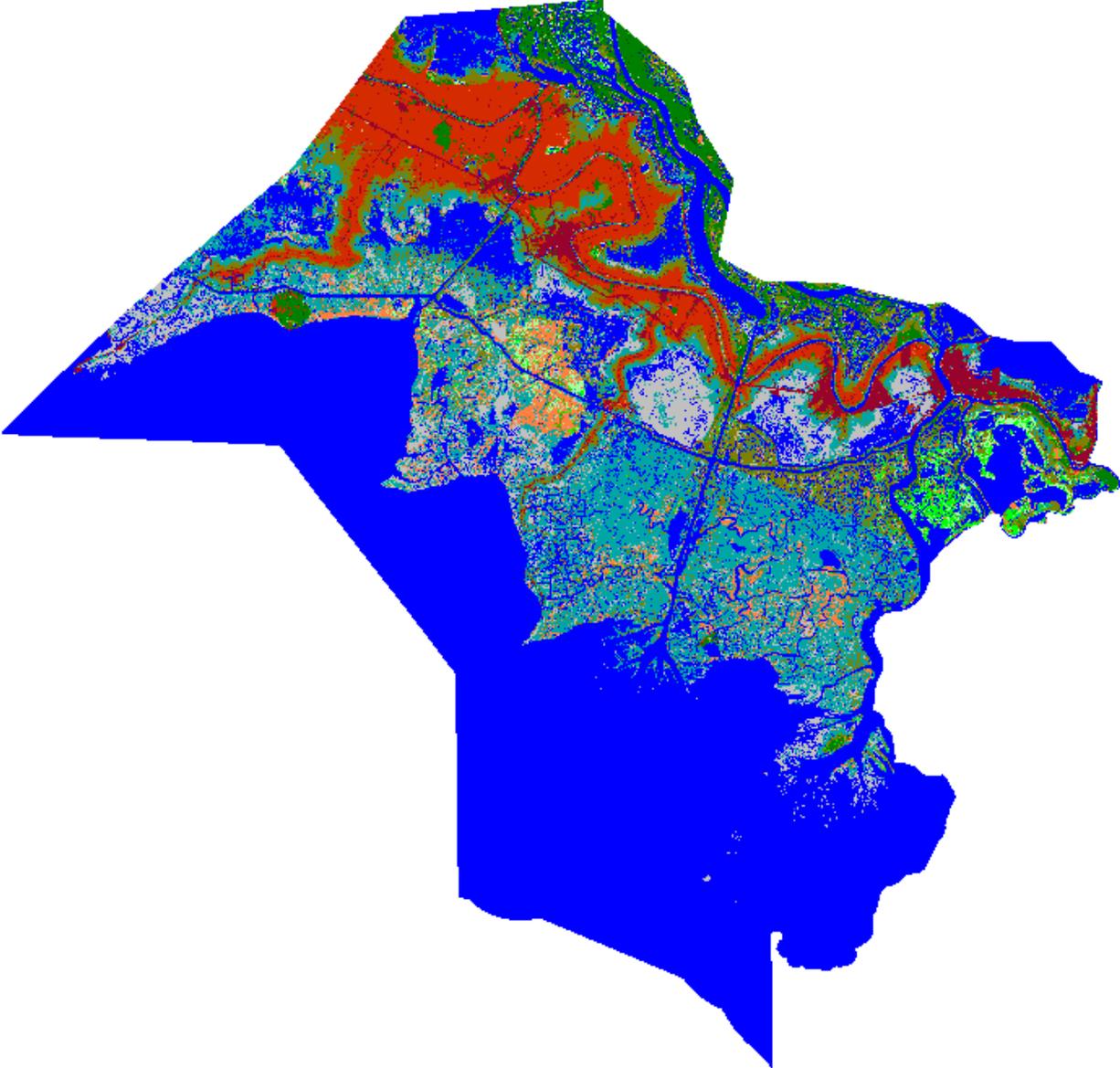


1.5 meter GSLR

2075

St. Mary Parish

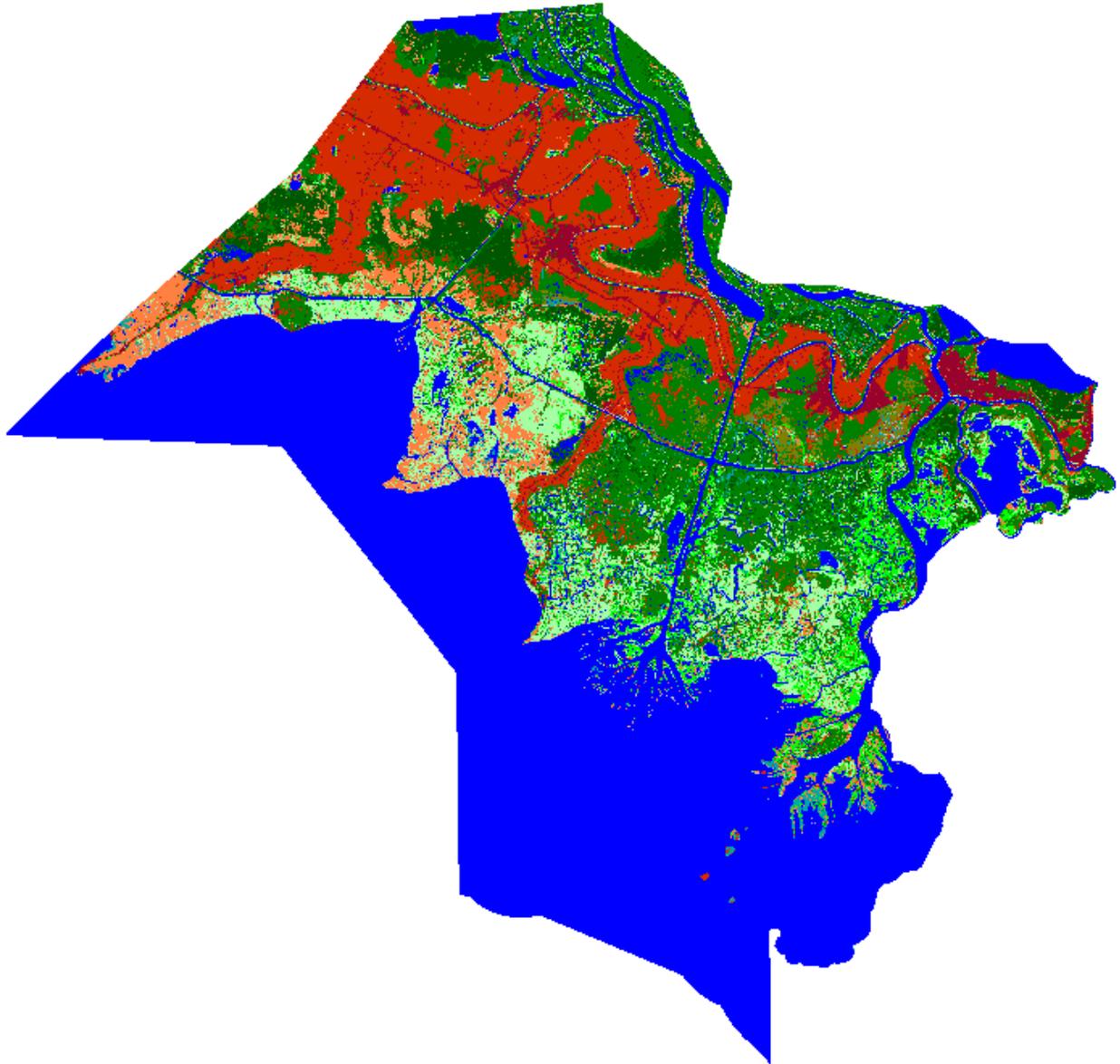
High Subsidence, Not Protected with Dikes SLAMM Scenarios



1.5 meter GSLR
2100

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

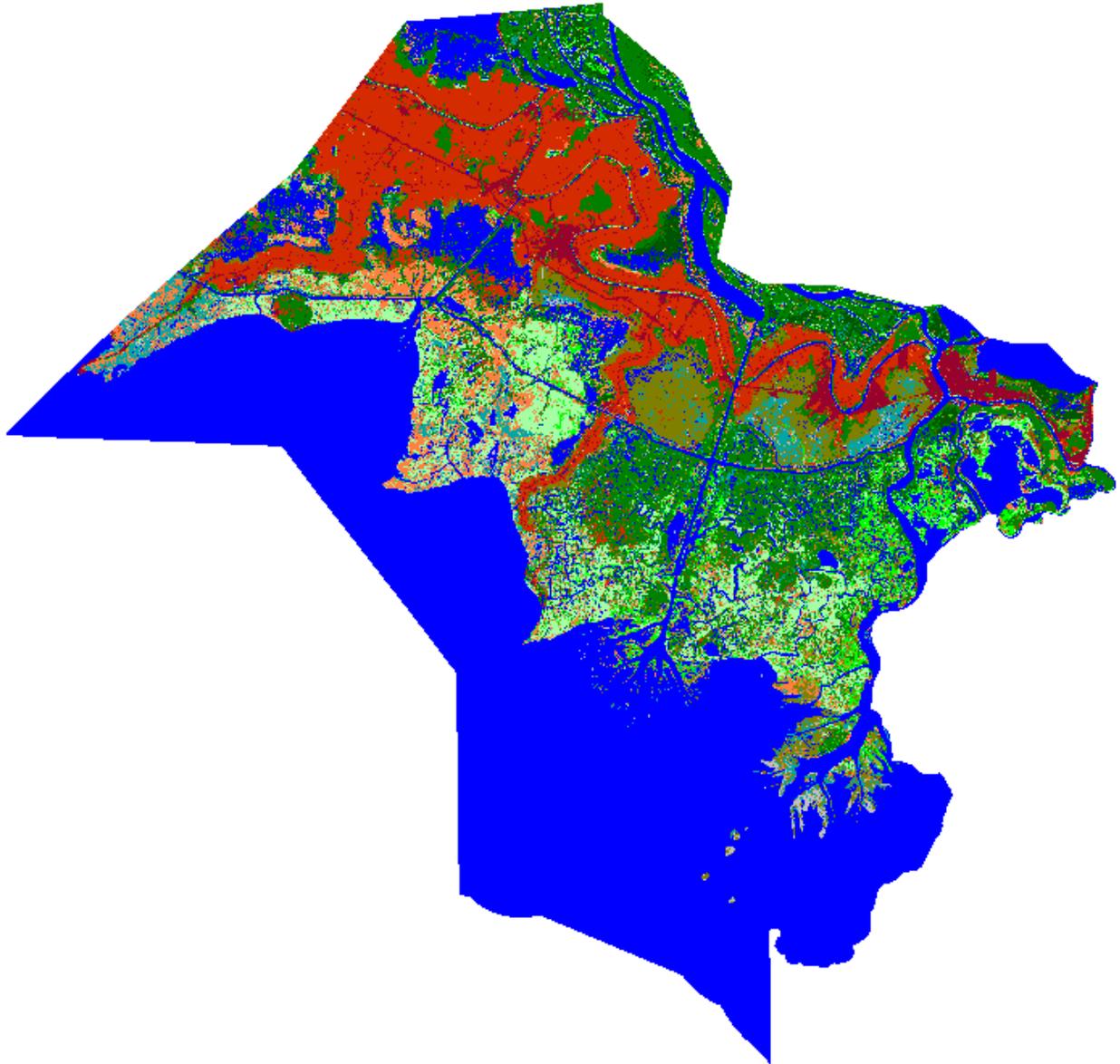


2.0 meter GSLR

2025

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

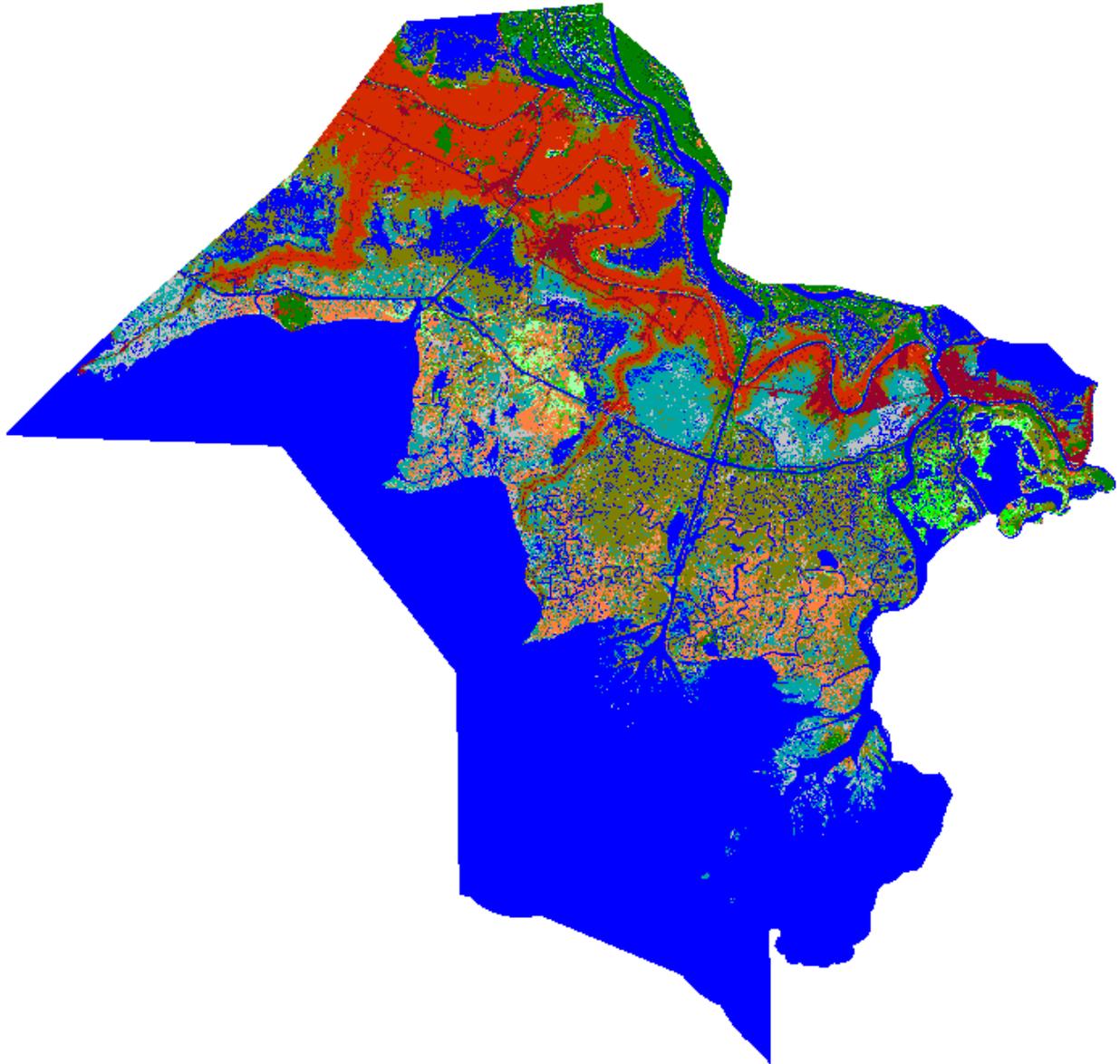


2.0 meter GSLR

2050

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

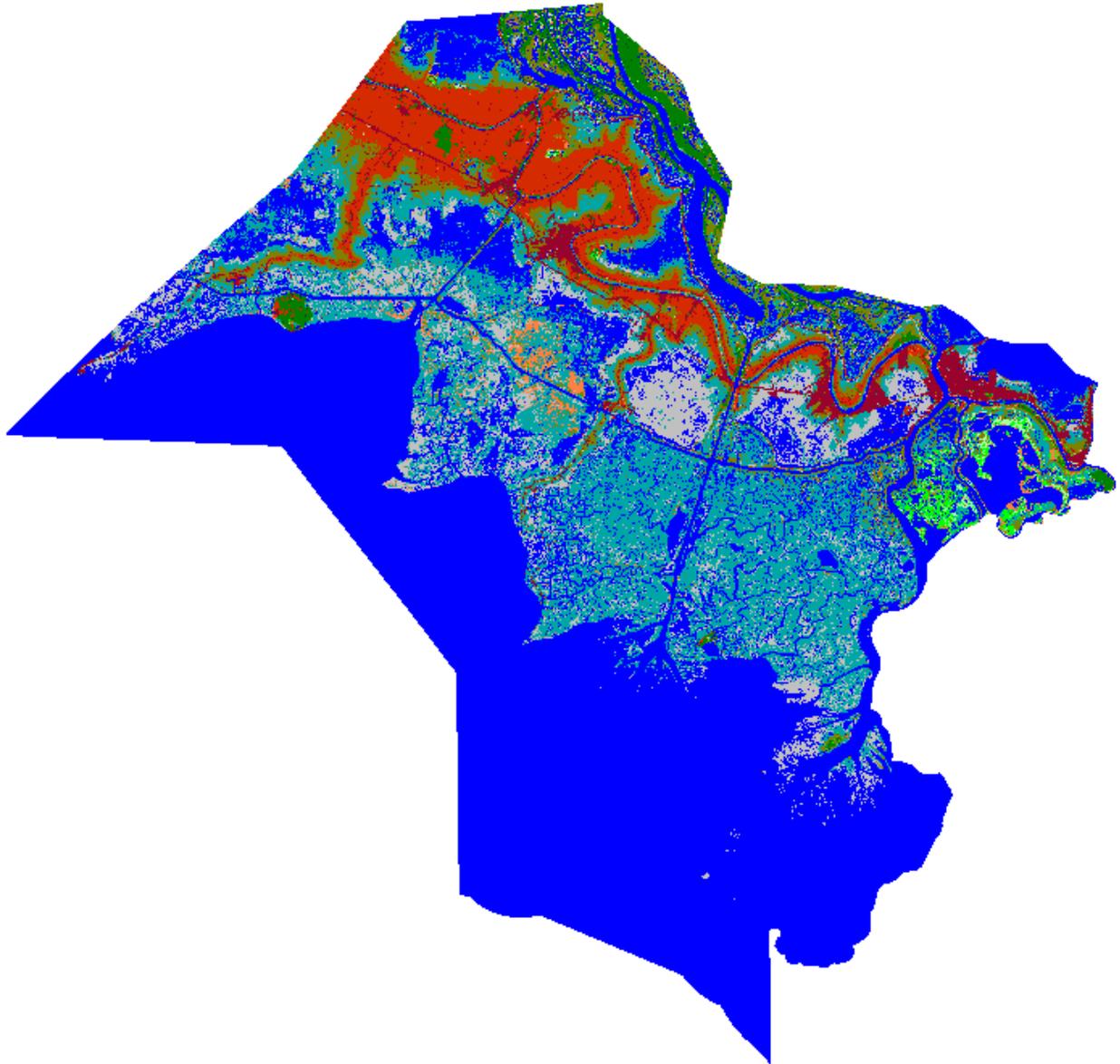


2.0 meter GSLR

2075

St. Mary Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios



2.0 meter GSLR

210

APPENDIX C: Vermilion Parish SLAMM Results

Vermilion Parish

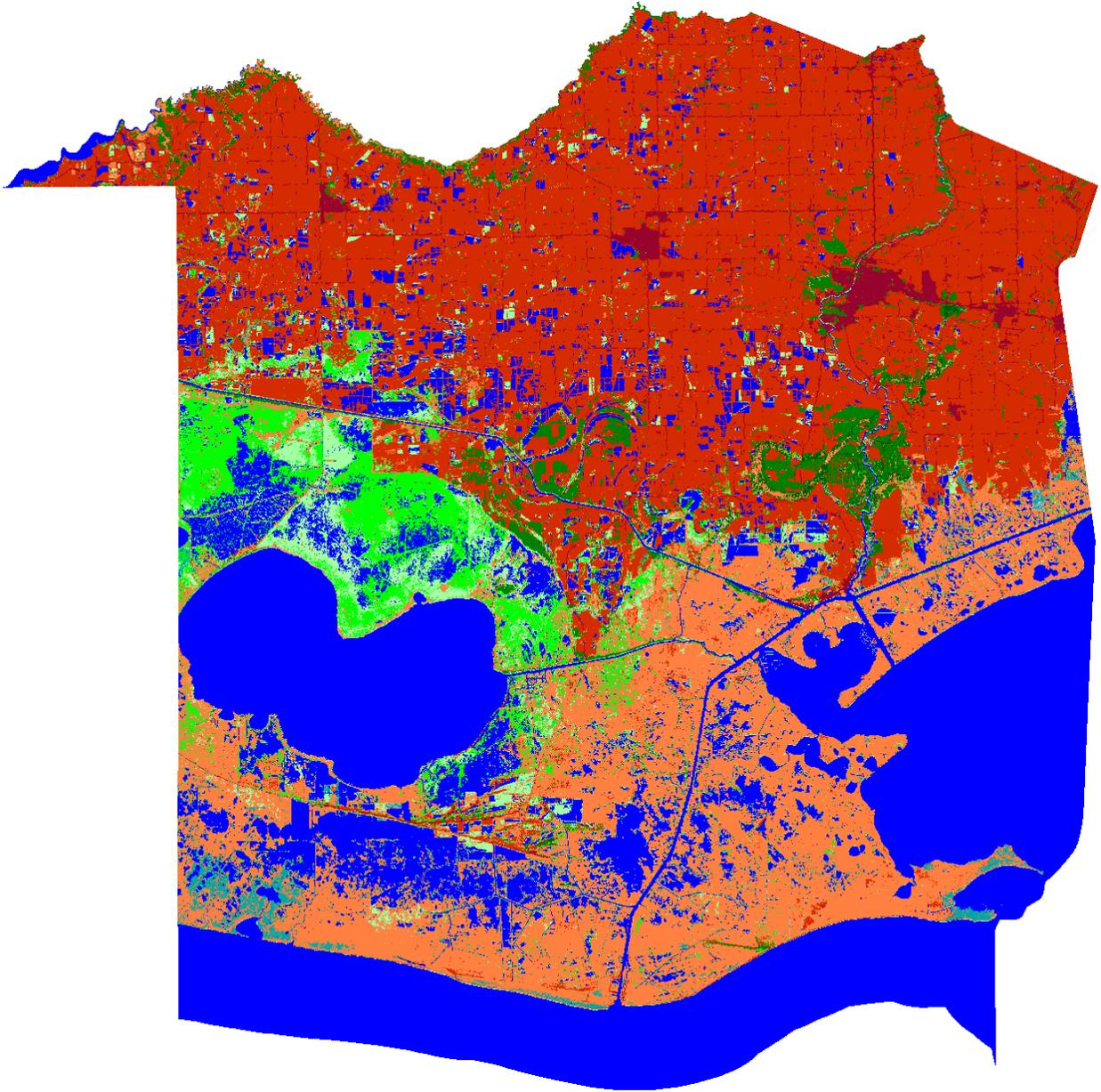
Percent Change in Landcover by 2100

| Dikes, Protect Dry Developed Land | Low Subsidence | | | | High Subsidence | | | |
|--|----------------|---------|---------|---------|-----------------|---------|---------|--------|
| | 0.5 m | 1.0 m | 1.5 m | 2.0 m | 0.5 m | 1.0 m | 1.5 m | 2.0 m |
| Developed Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undeveloped Dry Land | 0 | -0.05 | -0.83 | -5.37 | -0.01 | -0.16 | -2.04 | -8.30 |
| Swamp | -20.73 | -30.89 | -39.50 | -44.37 | -25.19 | -34.89 | -41.68 | -48.00 |
| Cypress Swamp | -5.43 | -58.11 | -75.67 | -81.23 | -25.83 | -69.30 | -78.30 | -84.25 |
| Inland Fresh Marsh | 0.32 | -12.71 | -72.97 | -87.86 | -1.99 | -33.60 | -82.07 | -90.89 |
| Tidal Fresh Marsh | 0.02 | -29.71 | -65.12 | -77.11 | -5.68 | -51.13 | -70.37 | -80.92 |
| Trans. Salt Marsh | 133 | 476.20 | 2789.74 | 769.13 | 192.08 | 1540.45 | 1898.8 | 430.62 |
| Reg. Flooded Marsh | 43.43 | 847.49 | 515.60 | 410.03 | 79.05 | 700.82 | 454.09 | 346.62 |
| Estuarine Beach | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Irreg. Flooded Marsh | 2333 | 123214 | 369452 | 314774 | 6049.3 | 294686 | 355078 | 279755 |
| Tidal Flat | 0.45 | 3.88% | 18.67% | 44.21% | 1.03% | 8.49% | 30.58% | 56.46 |
| Water | -0.89 | -54.02% | -83.87% | -90.53% | -1.66% | -72.25% | -87.30% | -92.86 |

| No Dikes, Protect Dry Developed Land | Low Subsidence | | | | High Subsidence | | | |
|---|----------------|--------|--------|--------|-----------------|--------|--------|--------|
| | 0.5 m | 1.0 m | 1.5 m | 2.0 m | 0.5 m | 1.0 m | 1.5 m | 2.0 m |
| Developed Land | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undeveloped Dry Land | -13.77 | -25.00 | -37.86 | -49.02 | -17.93 | -30.06 | -42.63 | -53.02 |
| Swamp | -33.51 | -52.45 | -67.52 | -75.95 | -40.98 | -59.13 | -71.71 | -78.11 |
| Cypress Swamp | -7.87 | -68.20 | -88.87 | -93.85 | -31.22 | -81.09 | -91.38 | -94.94 |
| Inland Fresh Marsh | -0.50% | -17.46 | -82.64 | -95.51 | -3.37 | -41.40 | -91.57 | -96.55 |
| Tidal Fresh Marsh | -0.01 | -40.30 | -81.06 | -87.87 | -8.53 | -66.06 | -84.78 | -89.72 |
| Trans. Salt Marsh | 89.11 | 294.87 | 656.99 | 575.65 | 149.04 | 451.83 | 628.68 | 553.46 |
| Reg. Flooded Marsh | 195.61 | 794.94 | 672.02 | 719.48 | 208.49 | 728.20 | 677.20 | 728.80 |
| Estuarine Beach | 32650 | 30598 | 14548 | 44178 | 43619 | 22931 | 99345 | 1926 |
| Irreg. Flooded Marsh | 33211 | 122918 | 287727 | 272778 | 54633 | 234427 | 287249 | 260845 |
| Tidal Flat | 1.75 | 11.50 | 27.85 | 47.64 | 3.64 | 17.82 | 38.74 | 55.97 |
| Water | -2.33 | -60.69 | -92.14 | -96.95 | -3.57 | -79.97 | -95.16 | -97.45 |

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

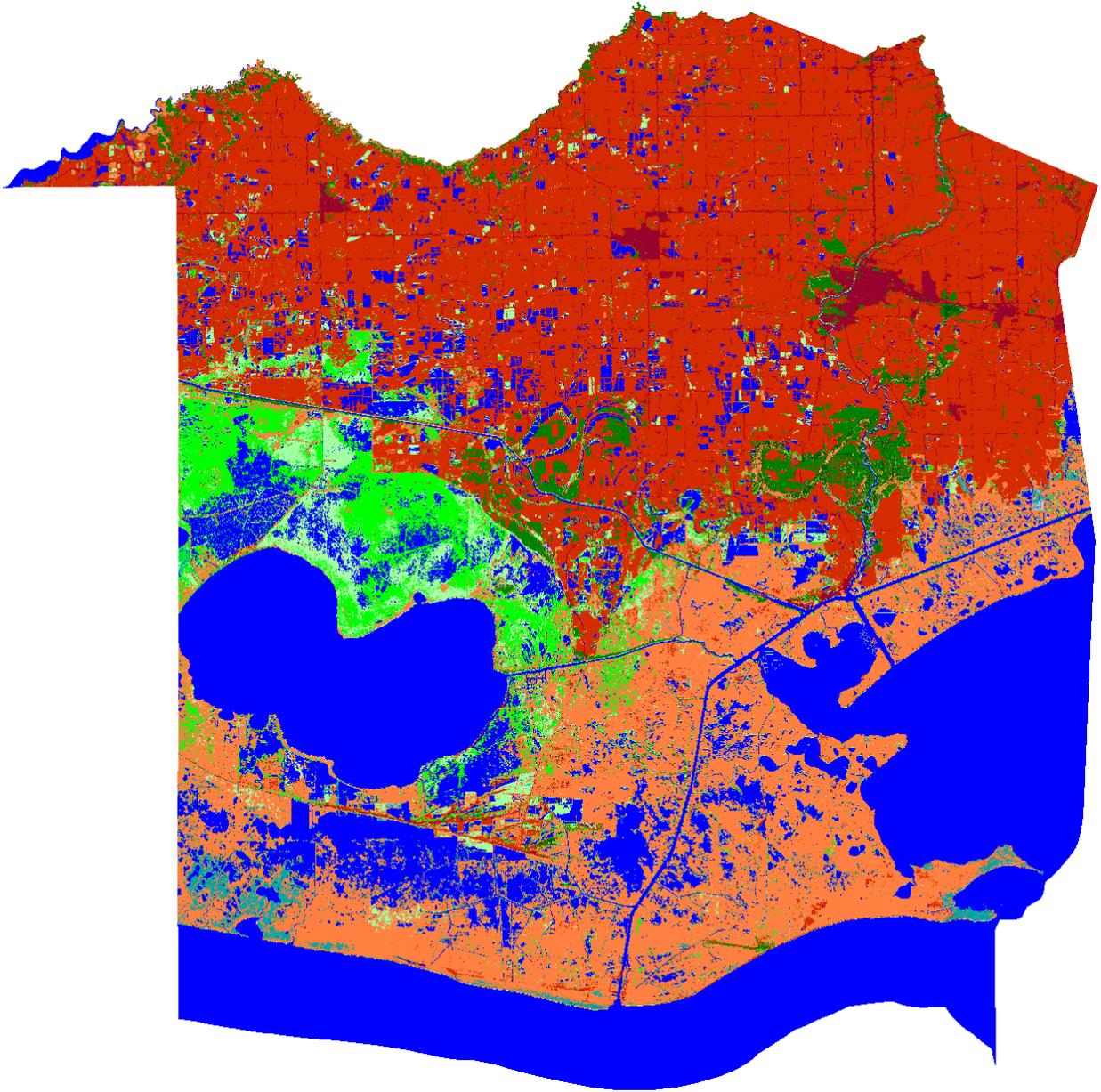


0.5 meter GSLR

2025

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

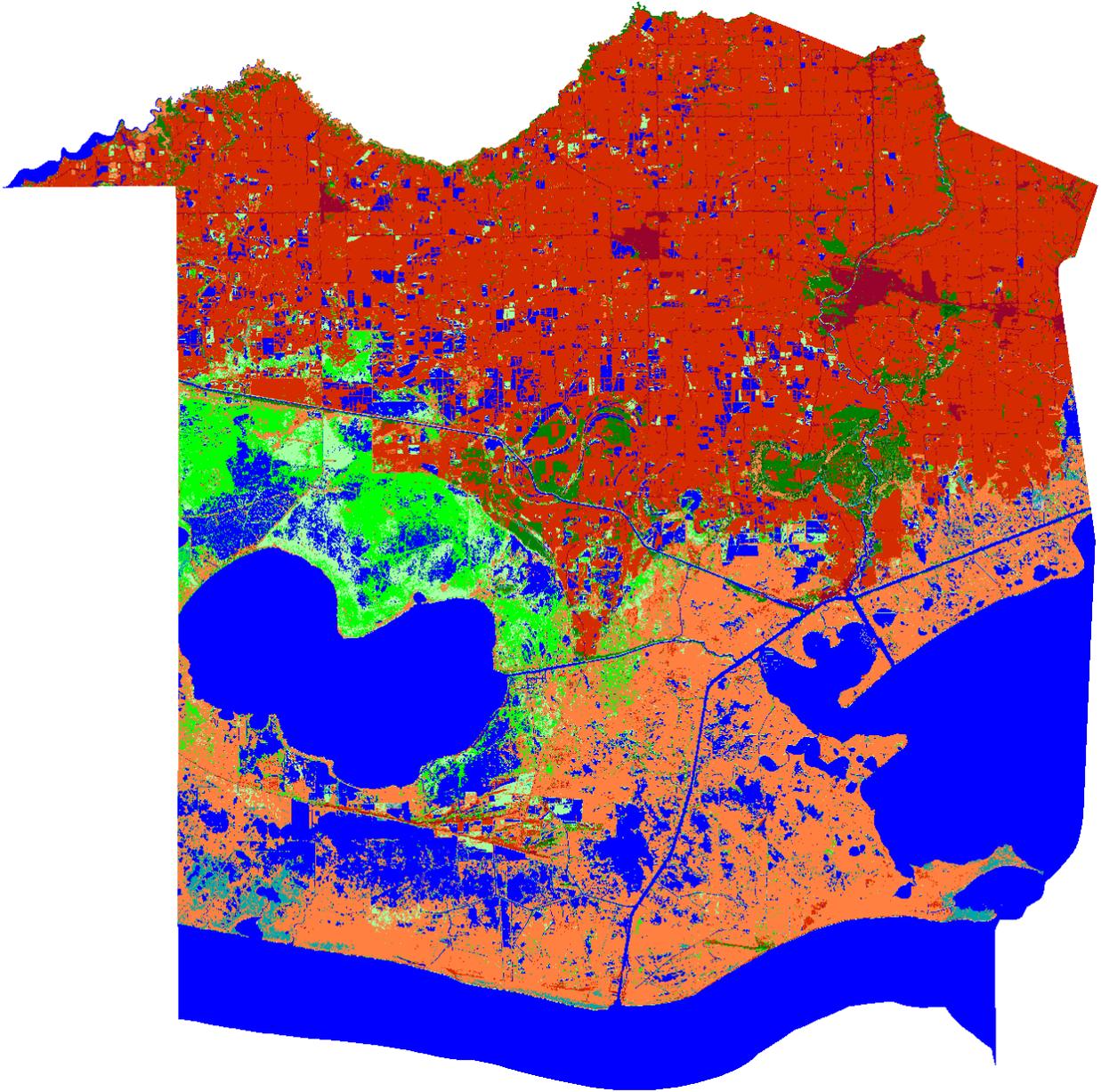


0.5 meter GSLR

2050

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

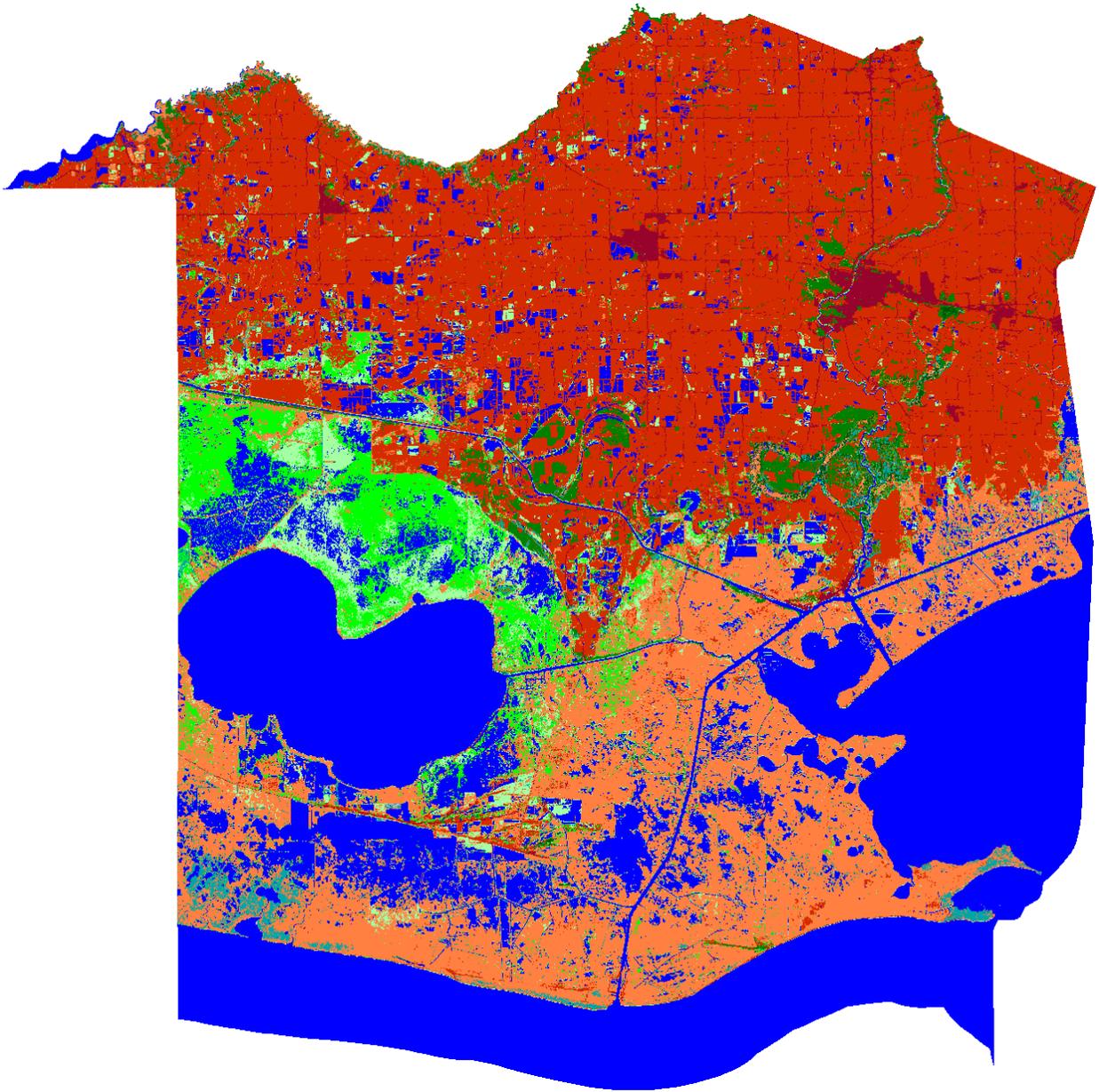


0.5 meter GSLR

2075

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

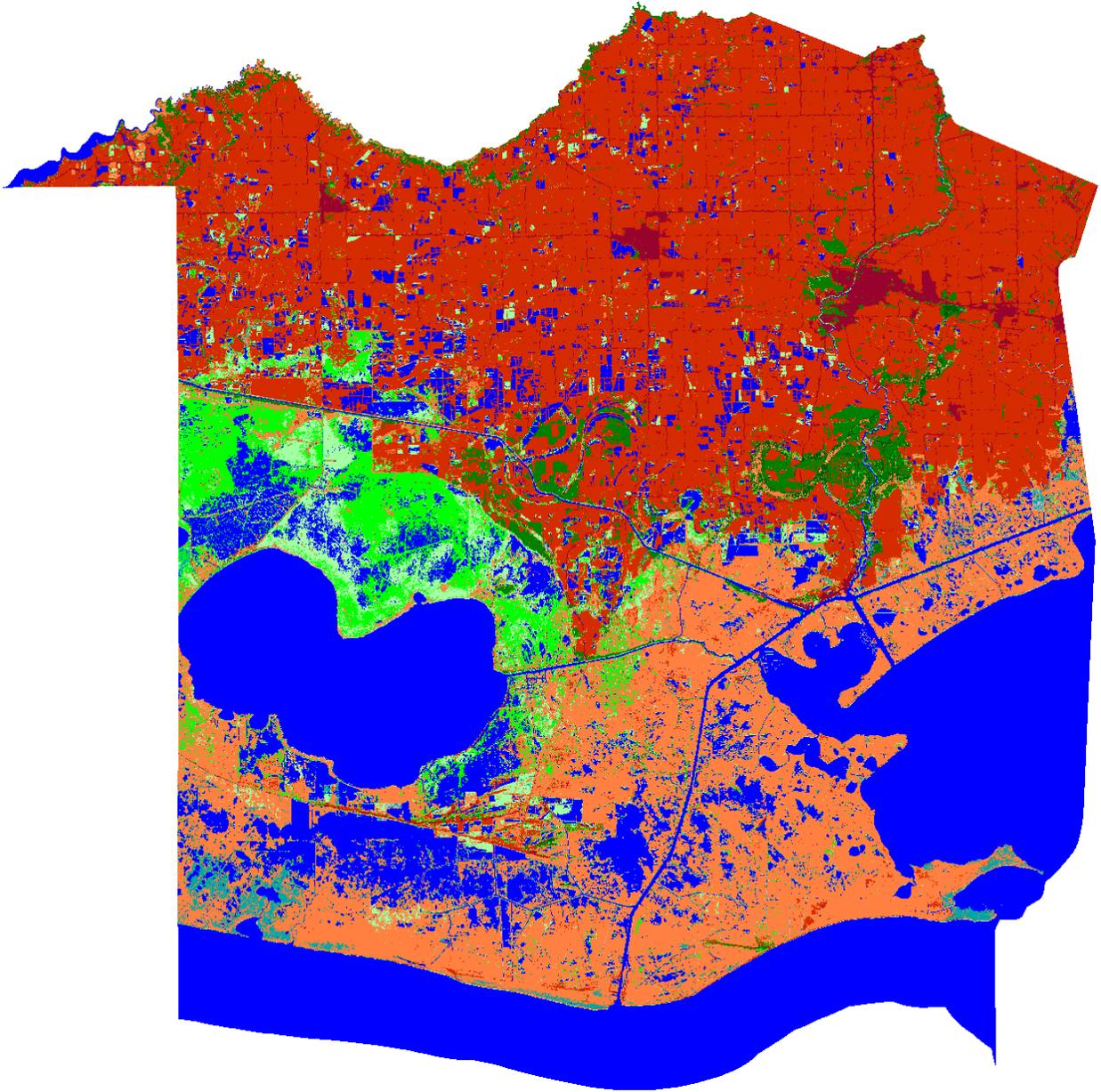


0.5 meter GSLR

2100

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

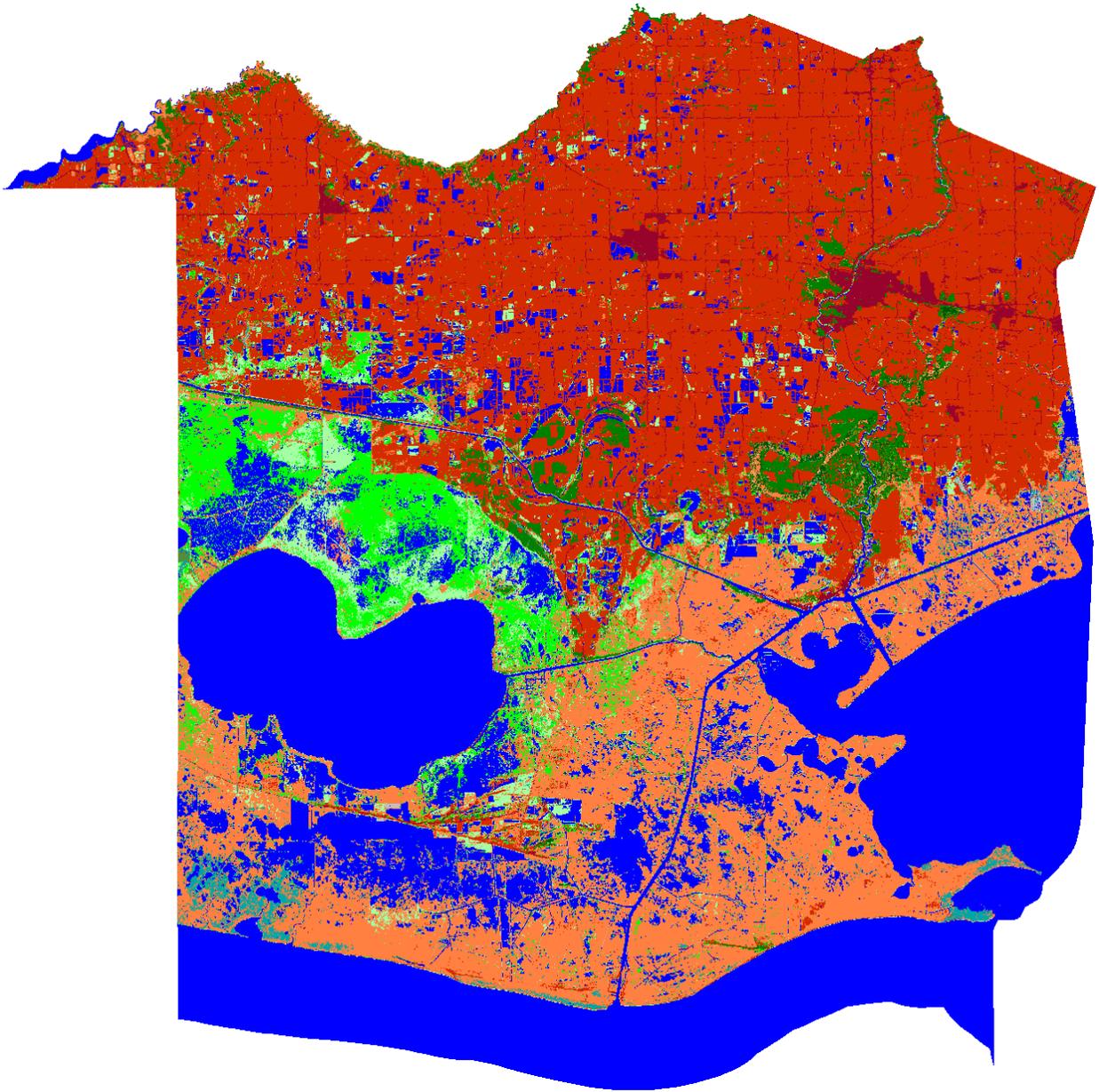


1.0 meter GSLR

2025

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

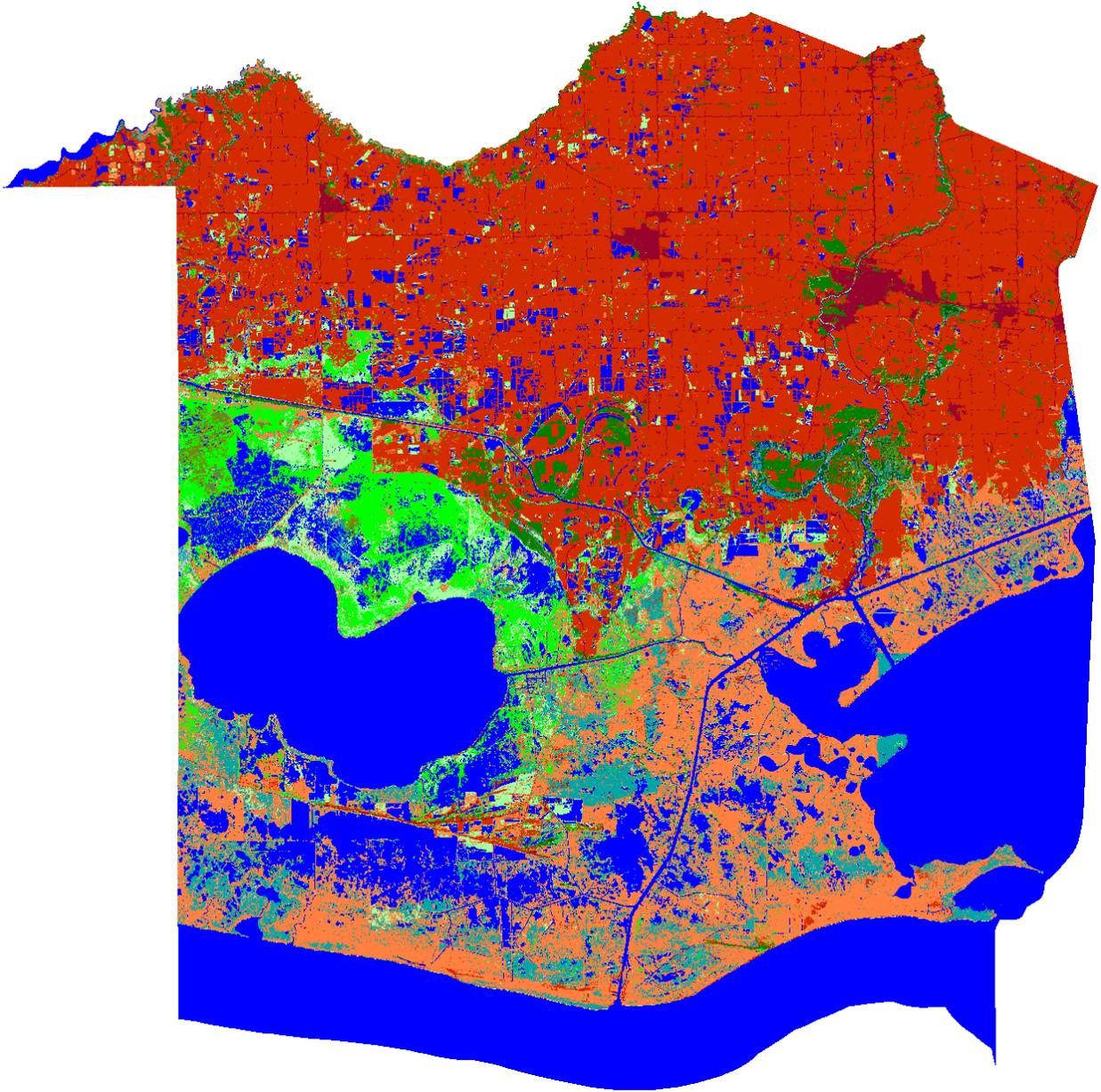


1.0 meter GSLR

2050

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

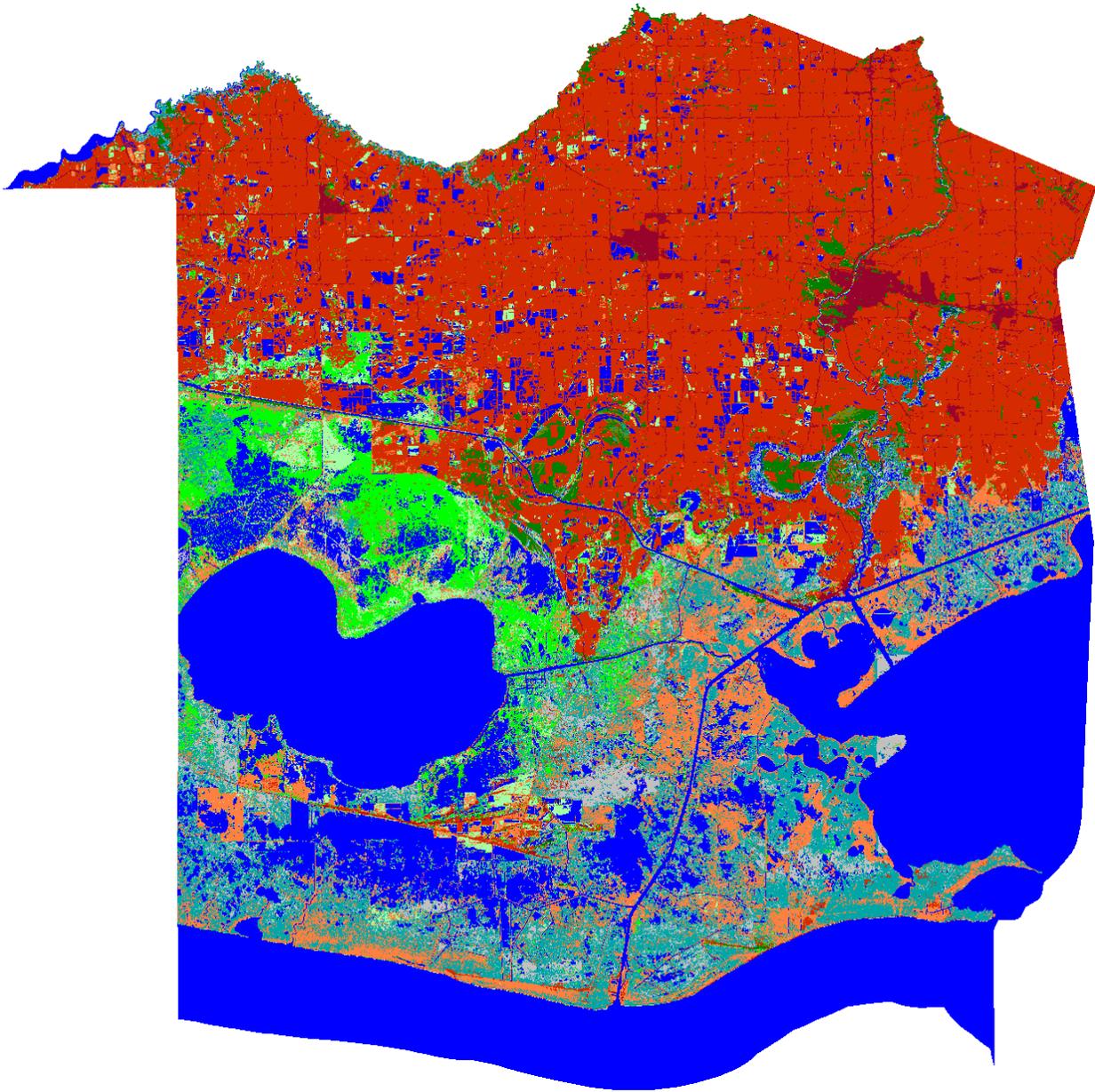


1.0 meter GSLR

2075

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

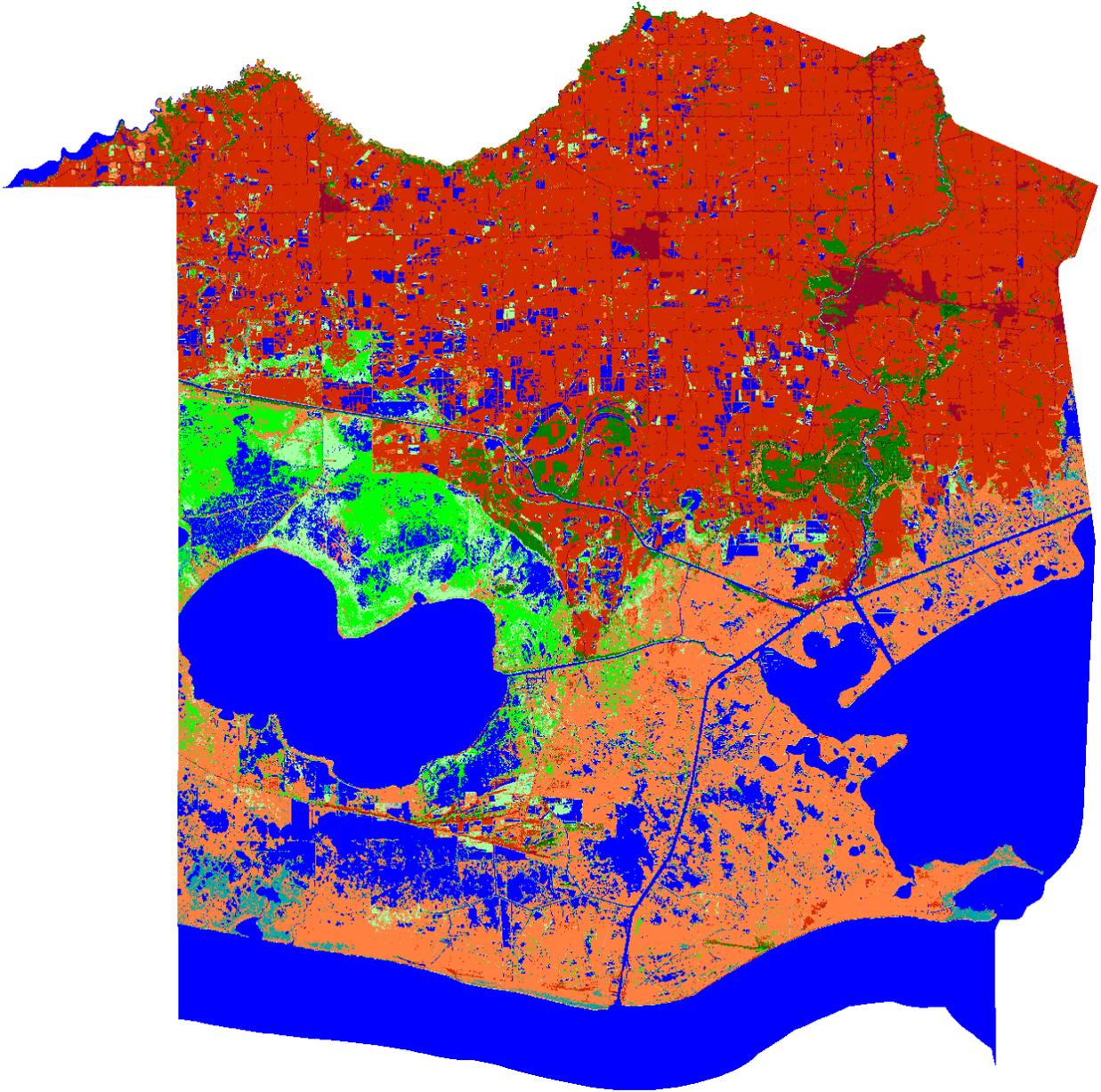


1.0 meter GSLR

2100

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

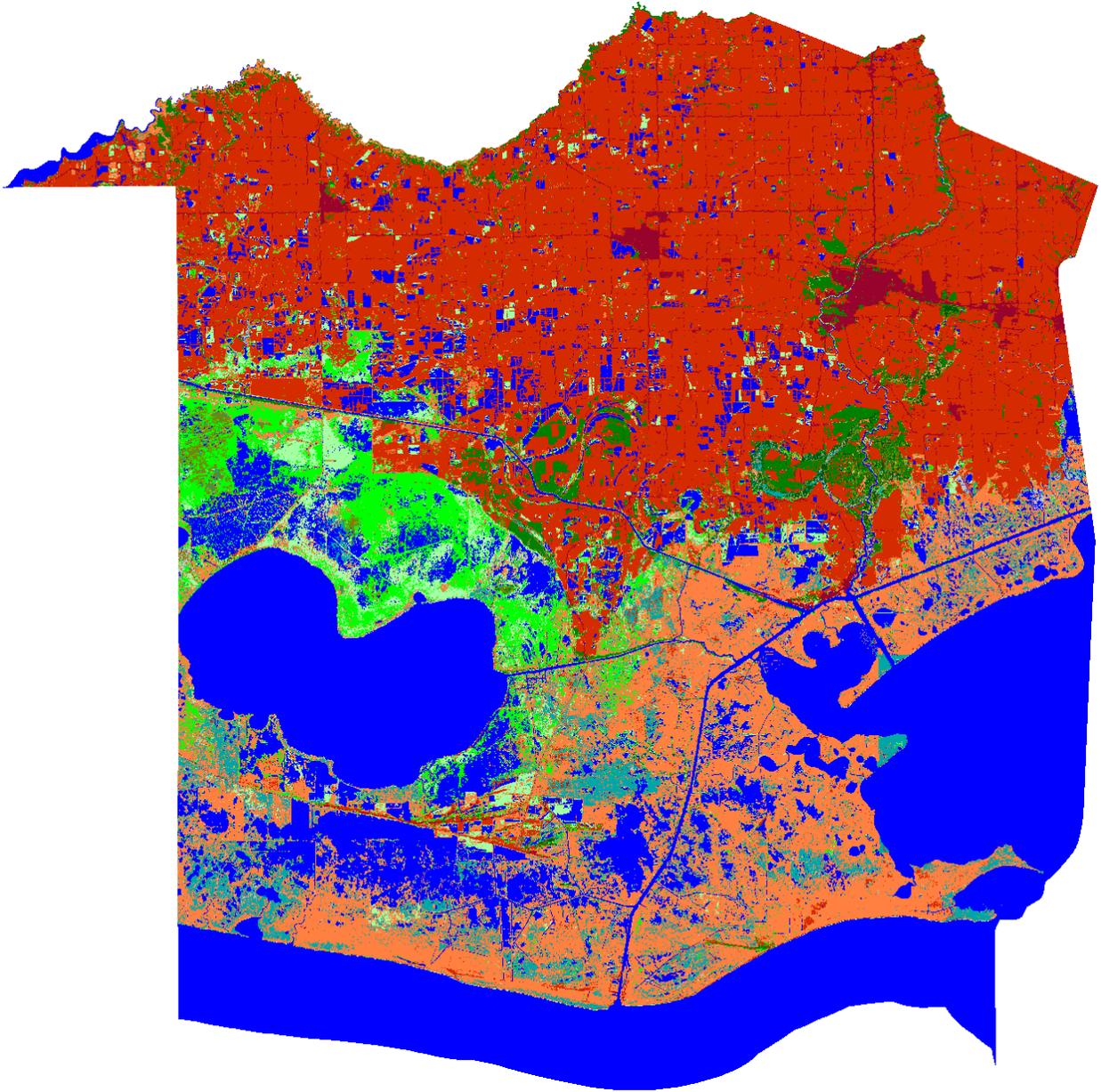


1.5 meter GSLR

2025

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

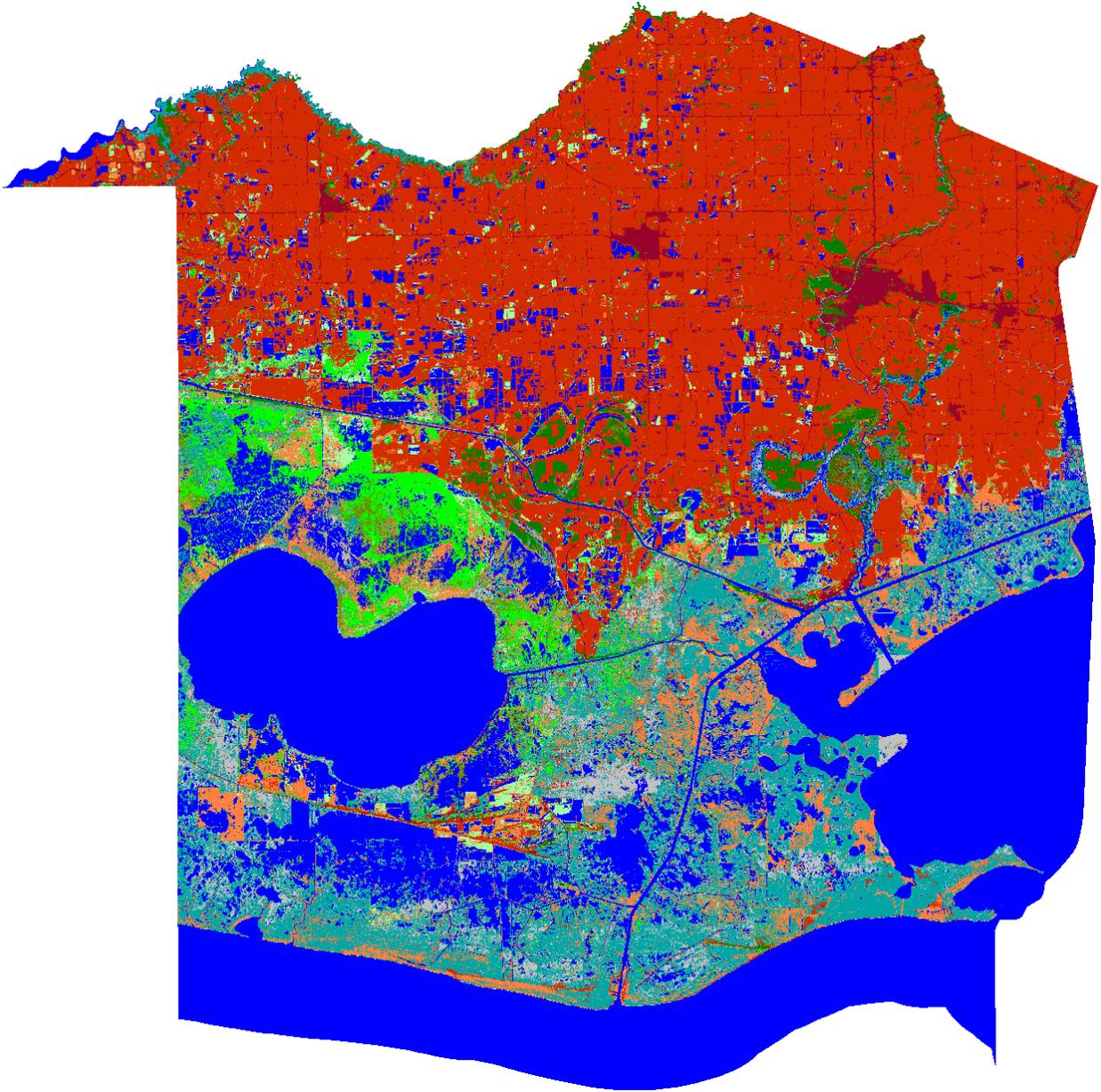


1.5 meter GSLR

2050

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

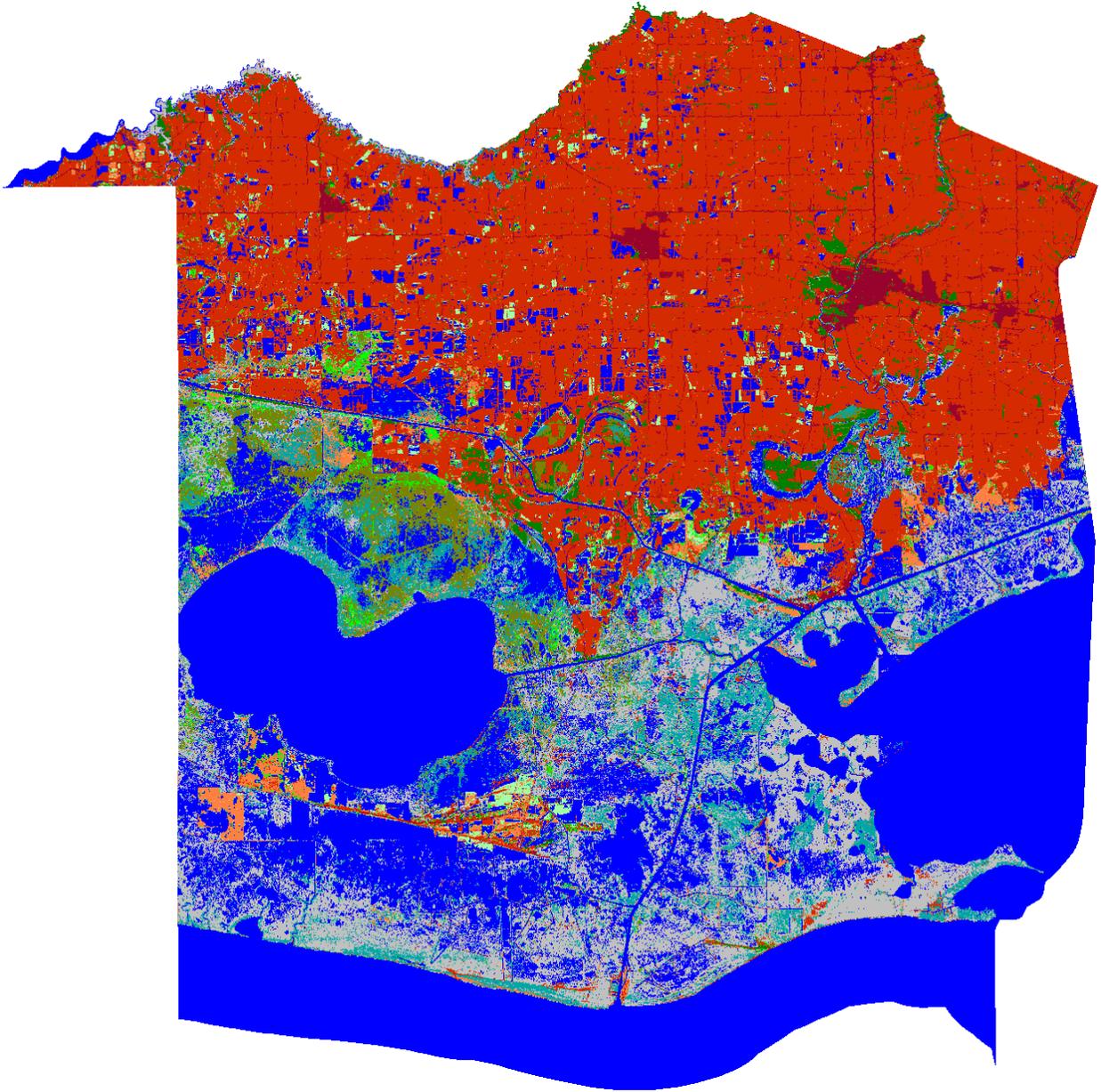


1.5 meter GSLR

2075

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

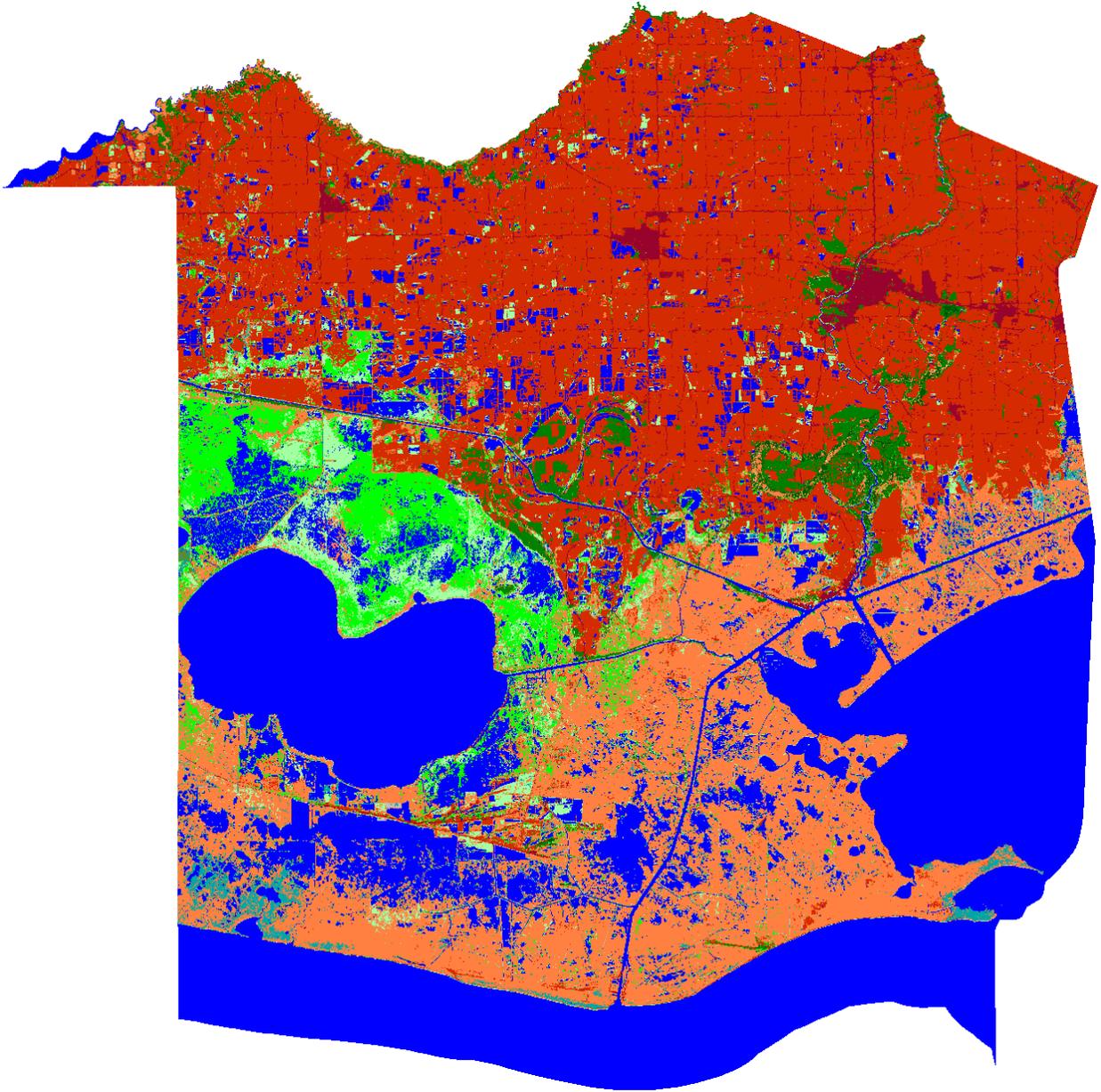


1.5 meter GSLR

2100

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

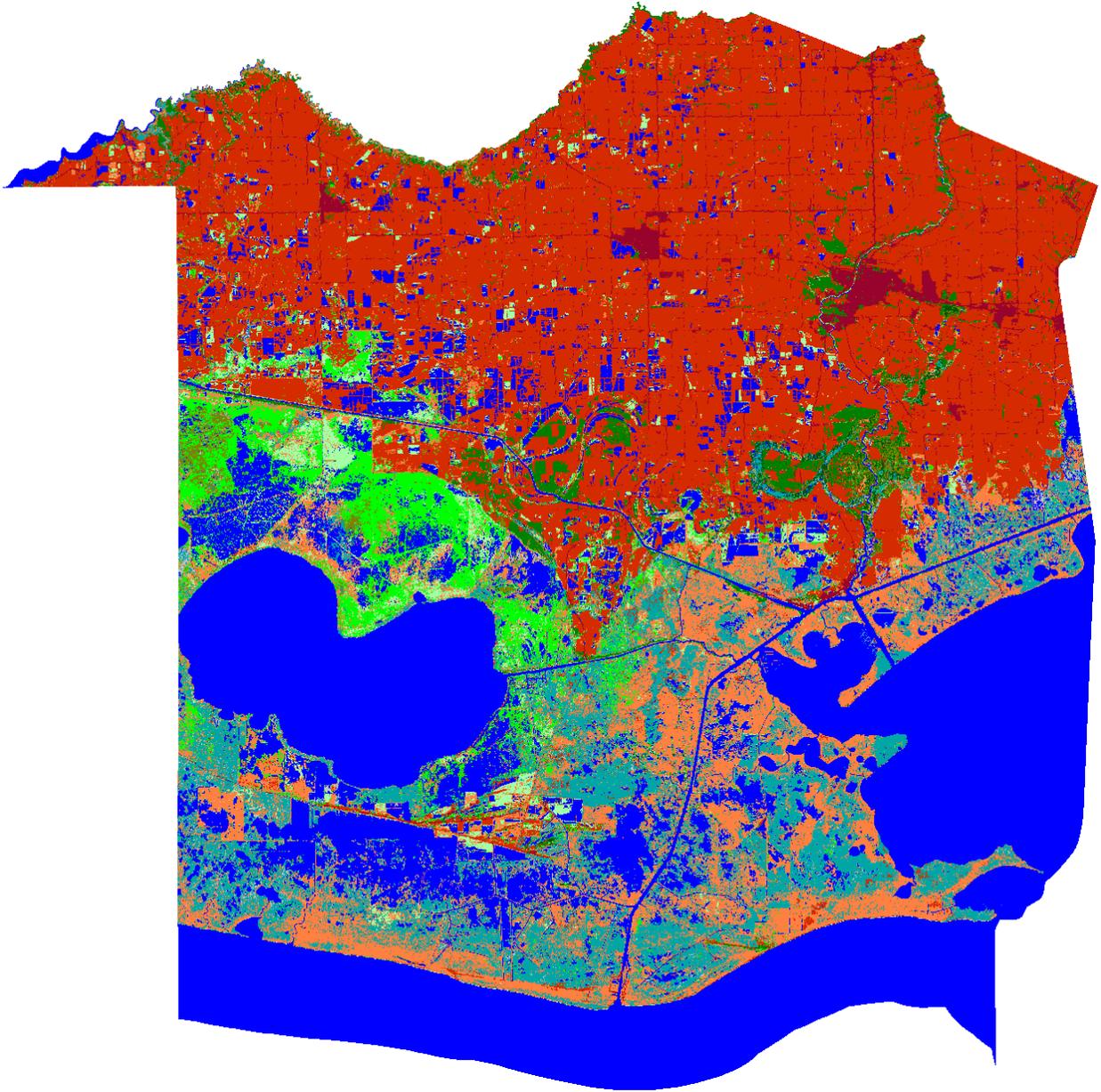


2.0 meter GSLR

2025

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

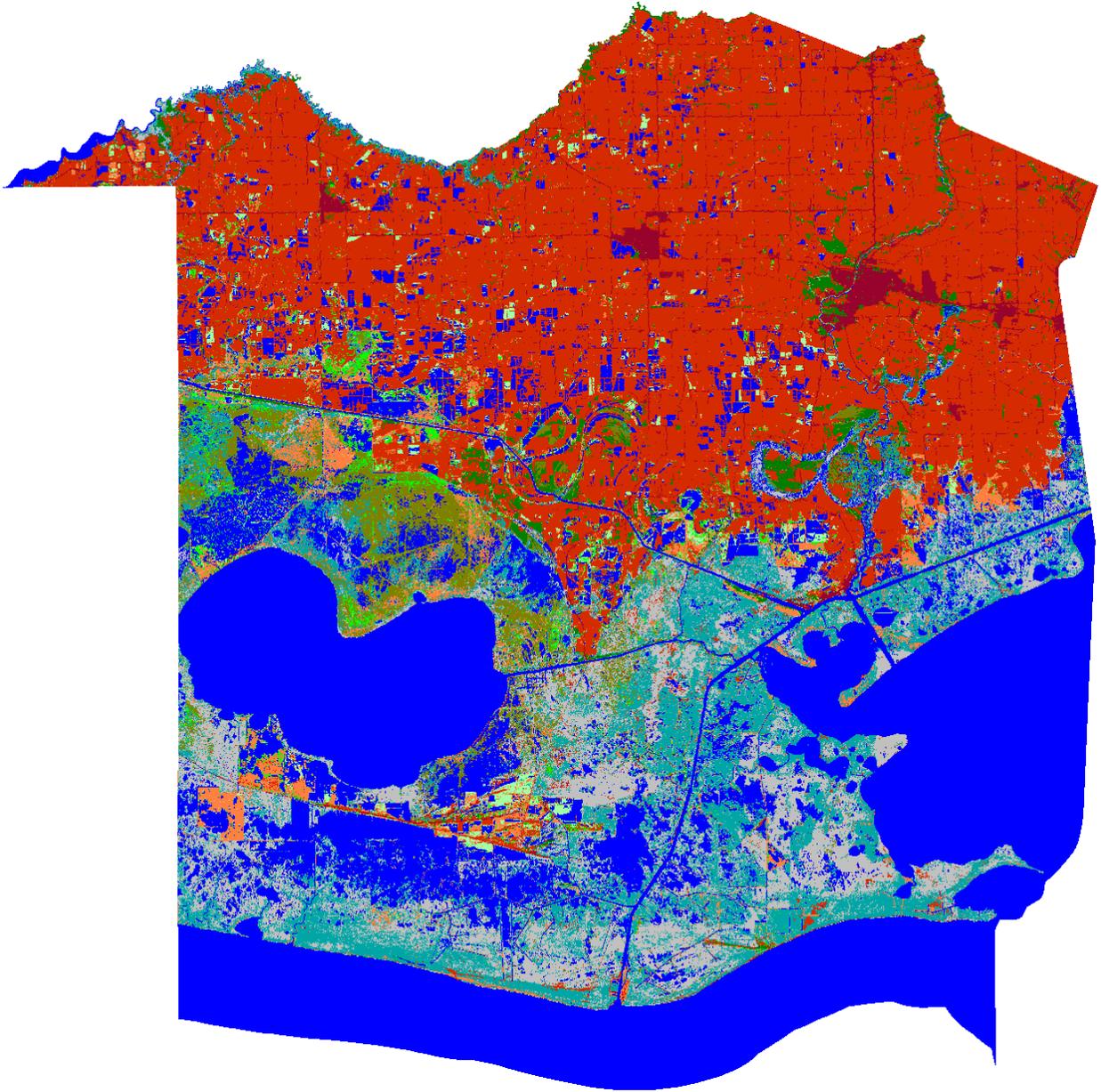


2.0 meter GSLR

2050

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

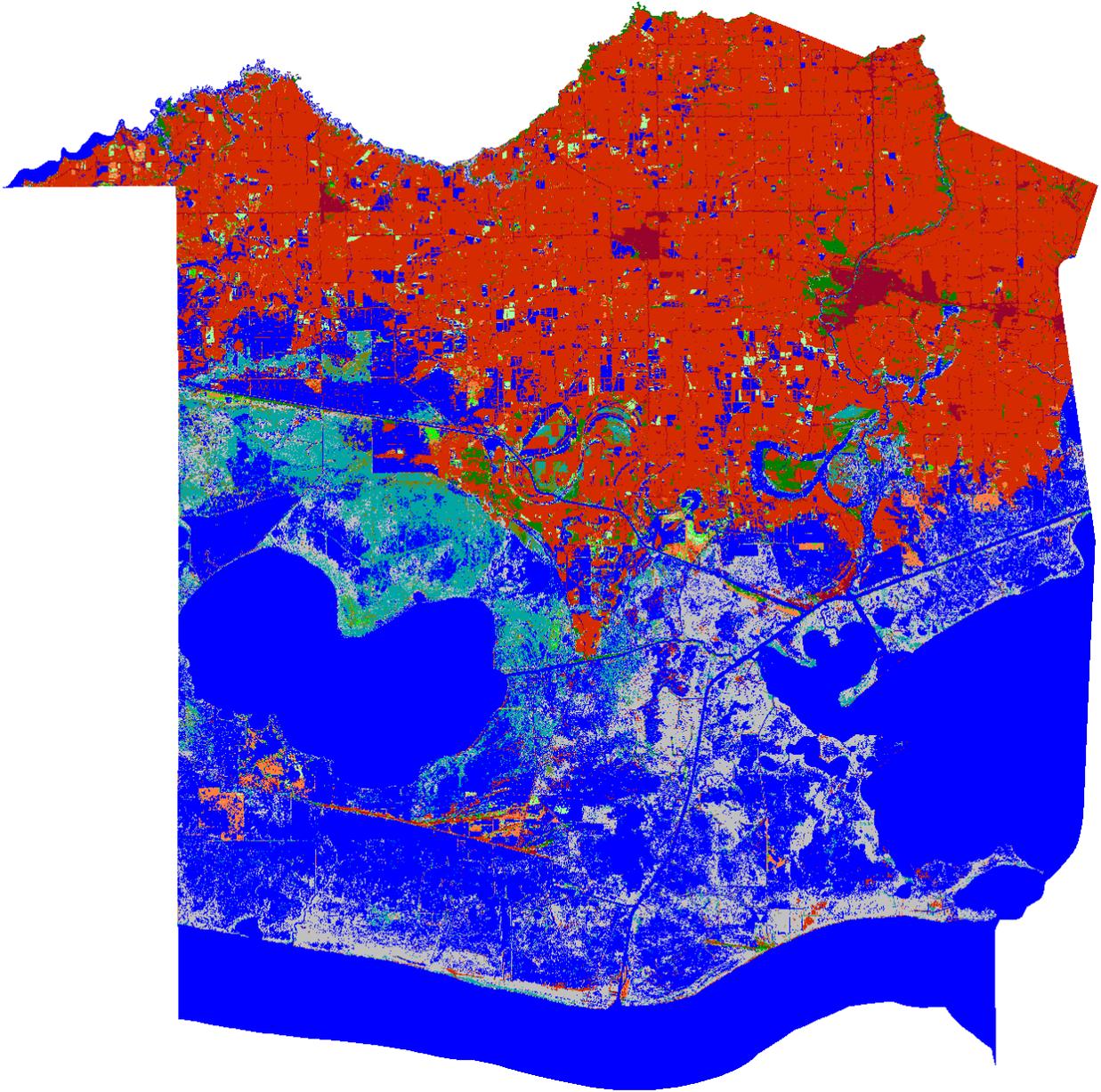


2.0 meter GSLR

2075

Vermilion Parish

Low Subsidence, Protected with Dikes SLAMM Scenarios

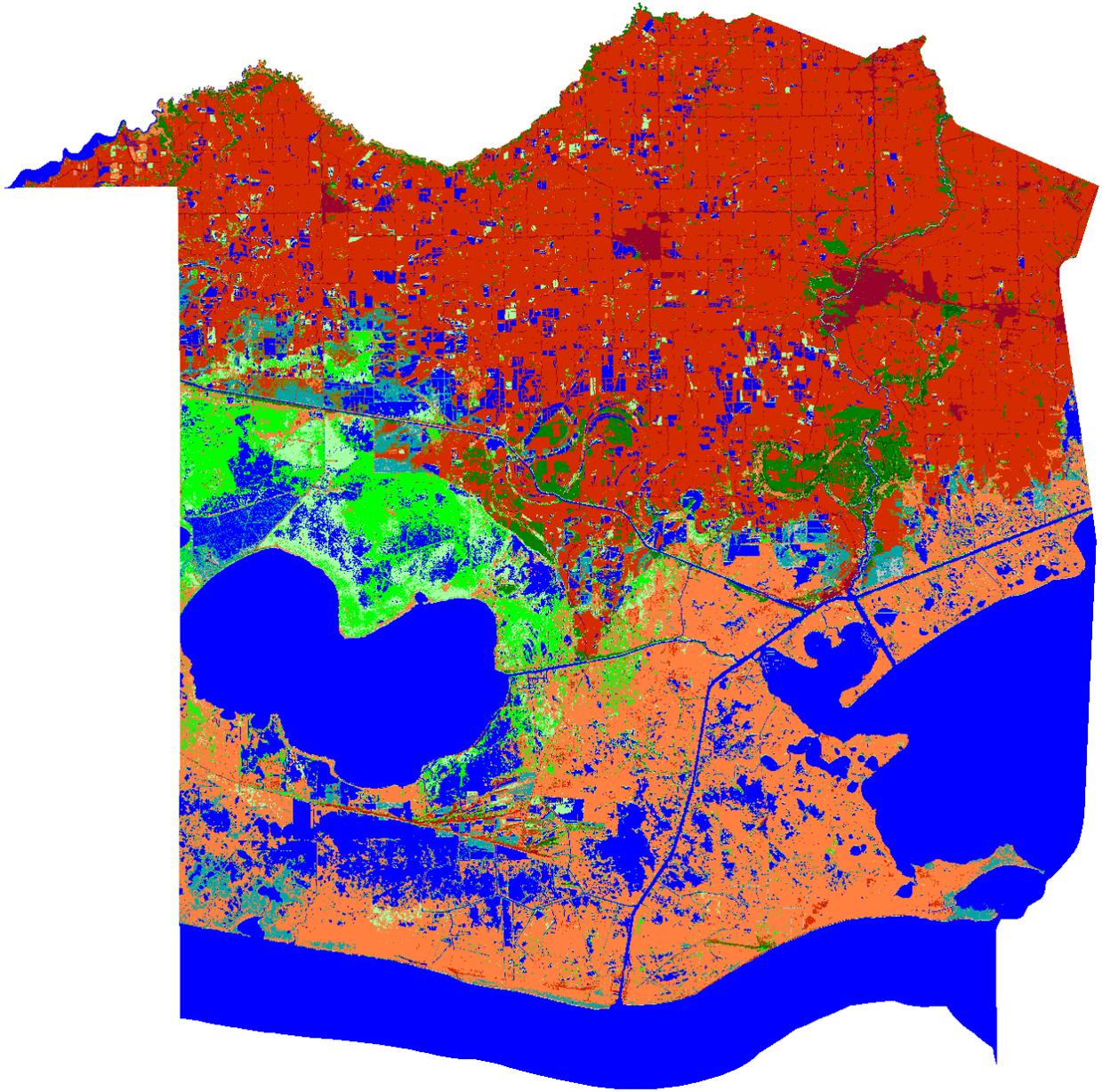


2.0 meter GSLR

2100

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

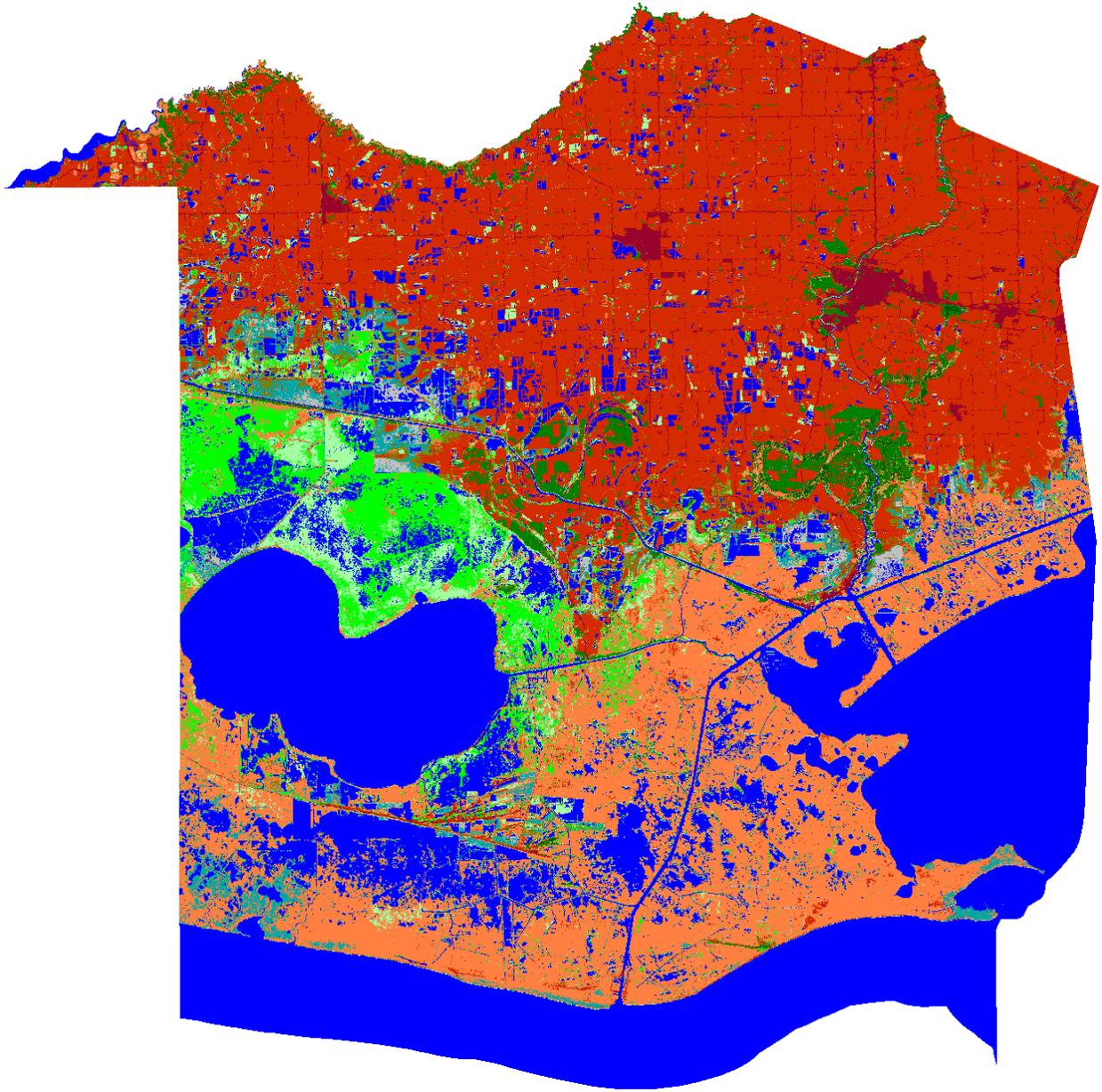


0.5 meter GSLR

2025

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

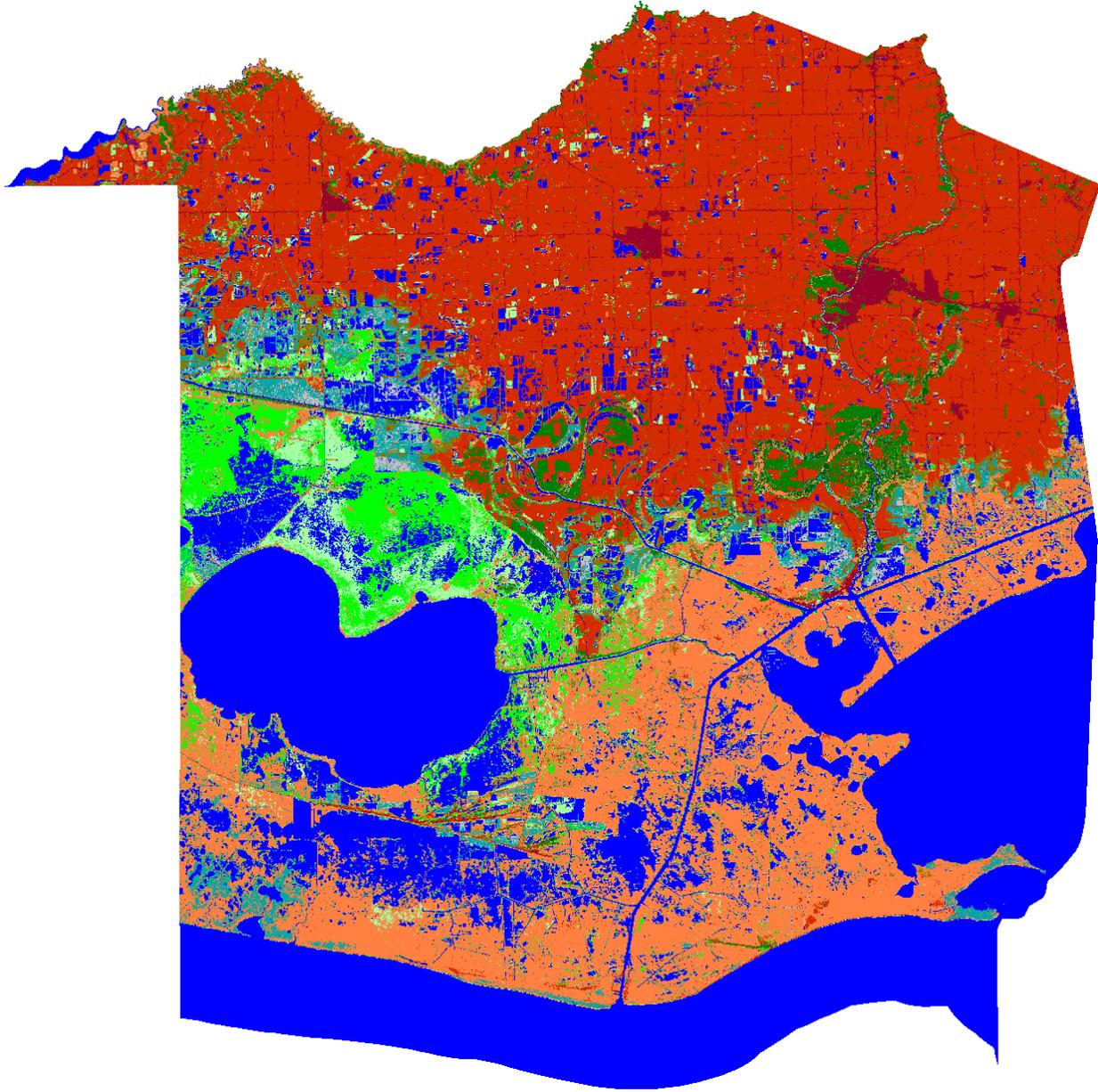


0.5 meter GSLR

2050

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

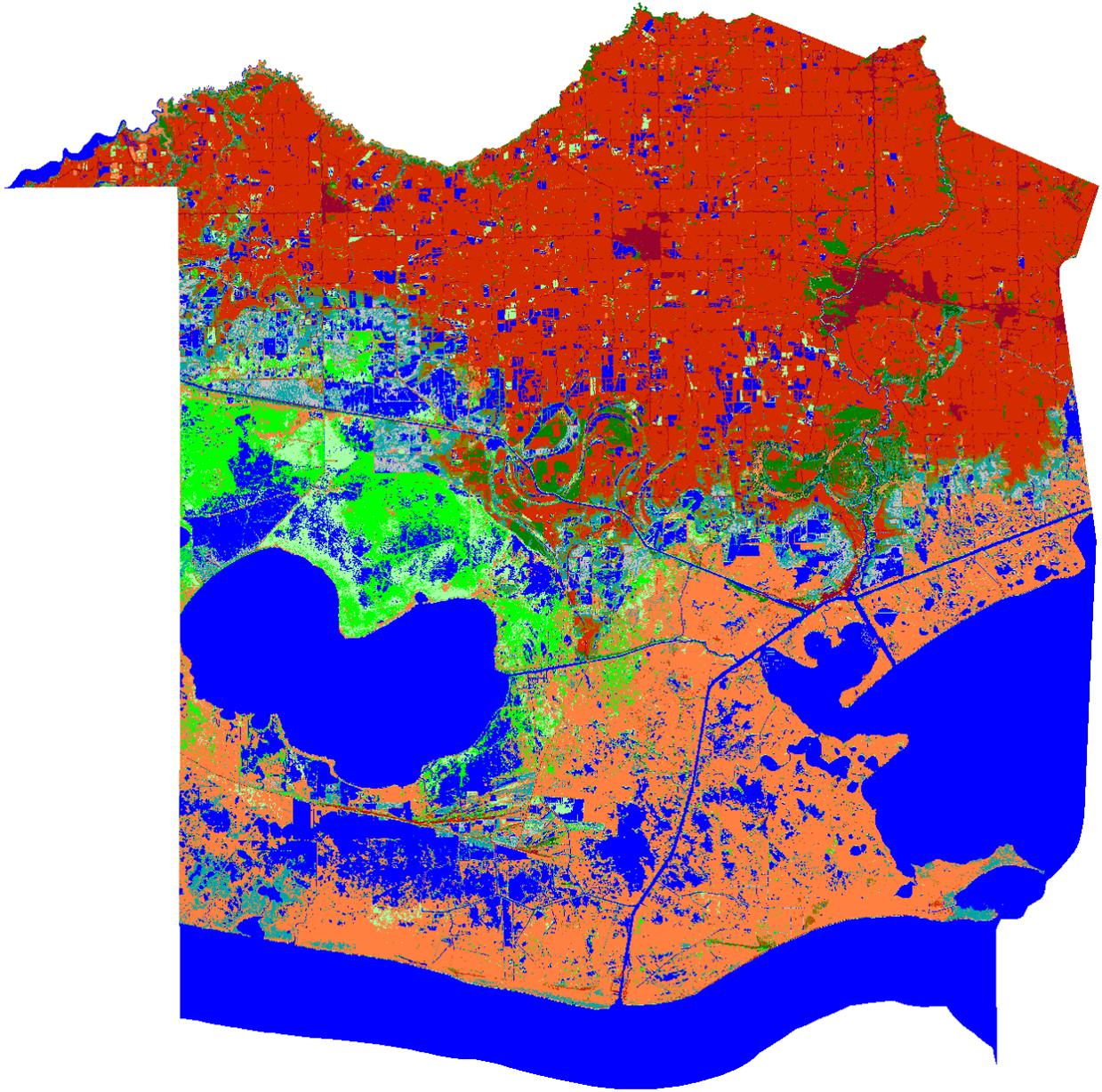


0.5 meter GSLR

2075

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

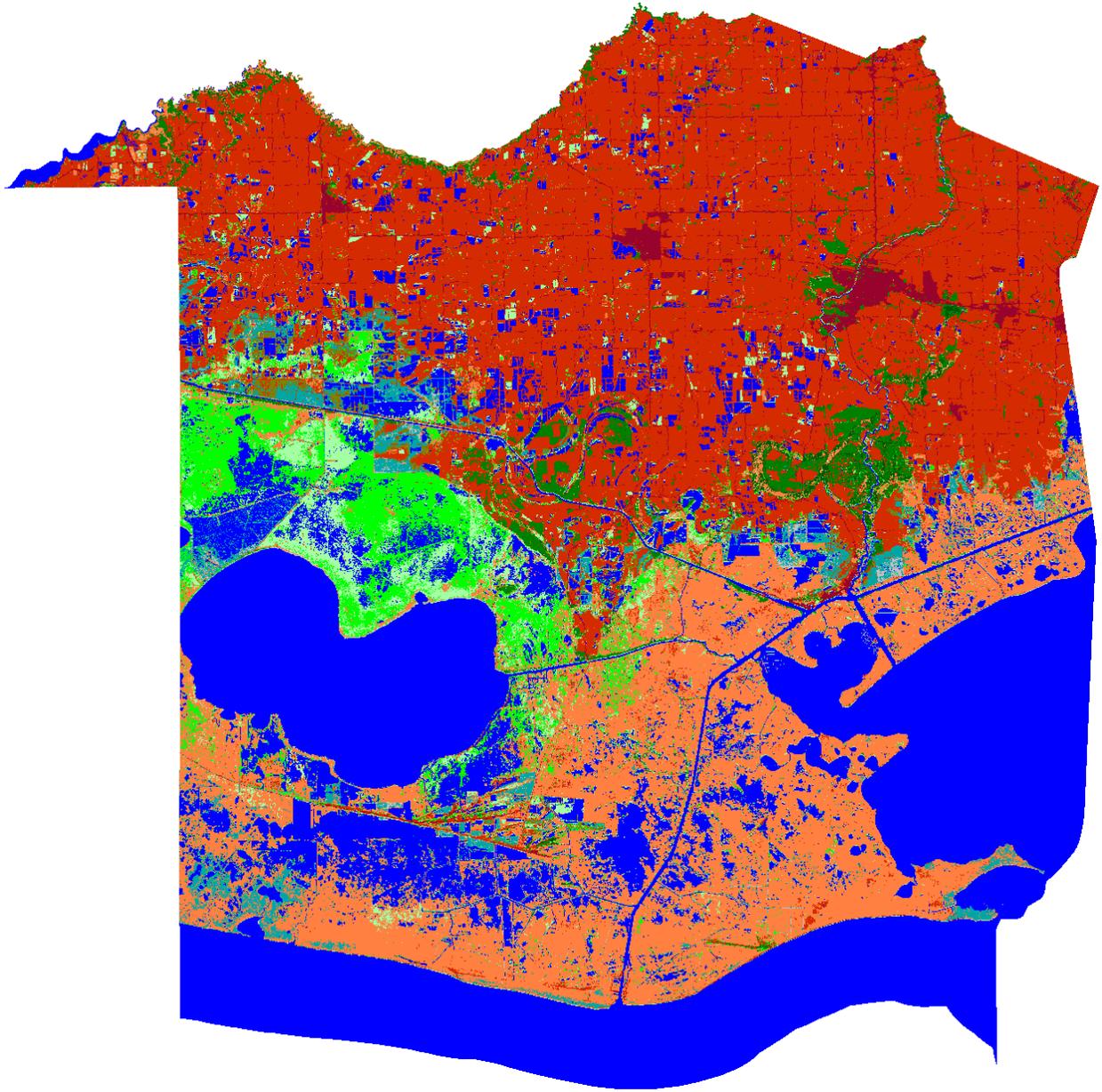


0.5 meter GSLR

2100

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

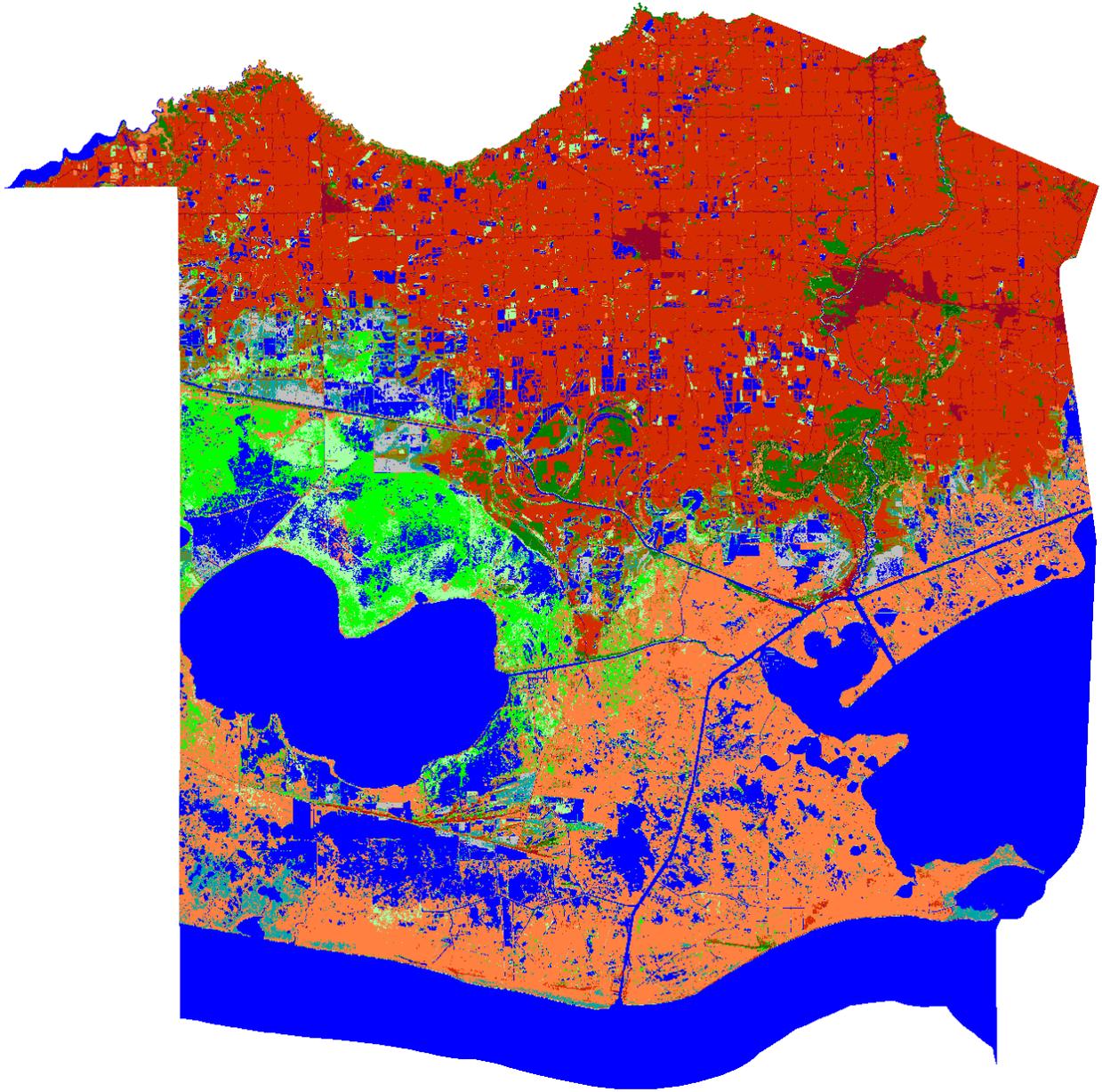


1.0 meter GSLR

2025

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

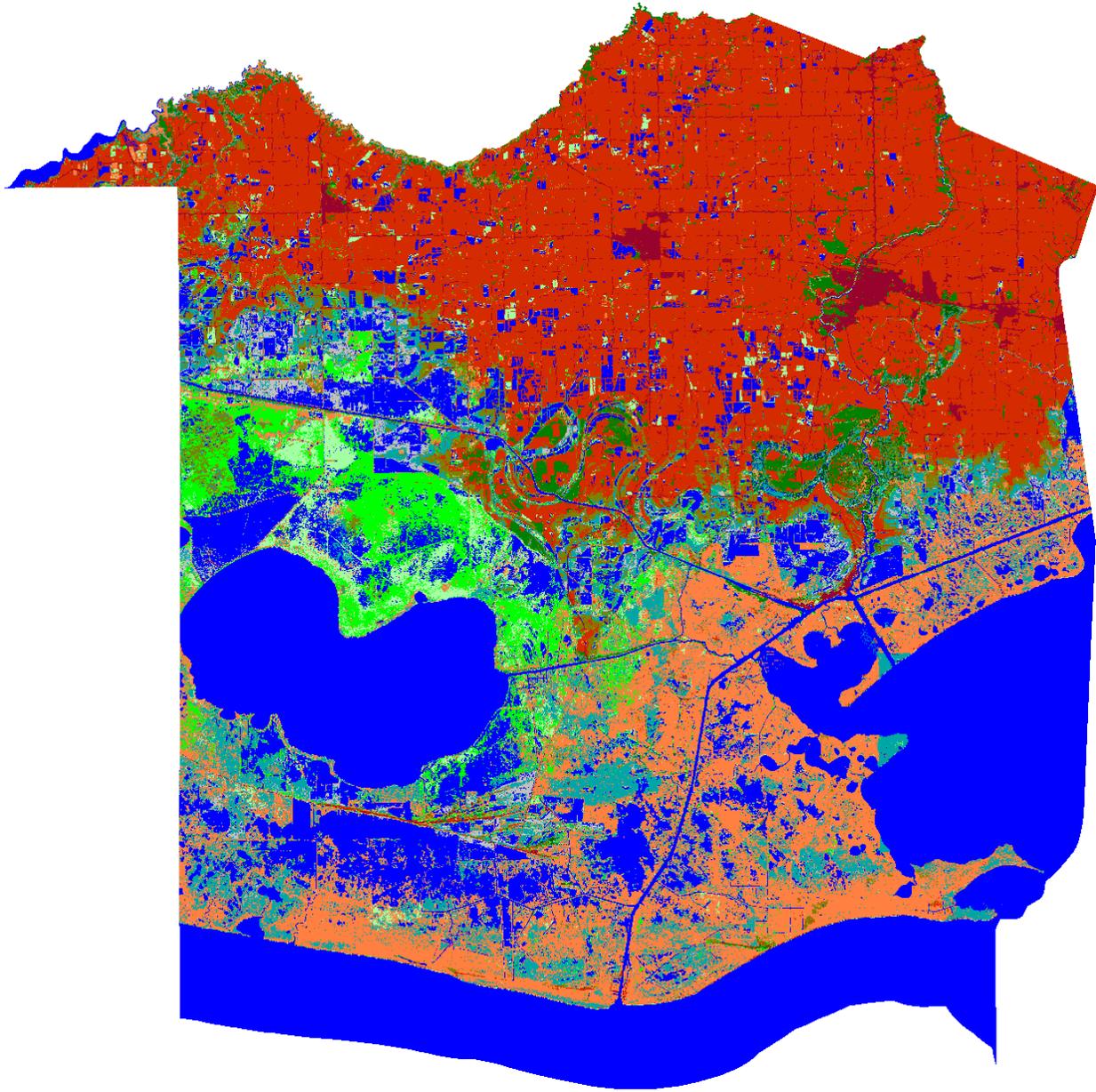


1.0 meter GSLR

2050

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

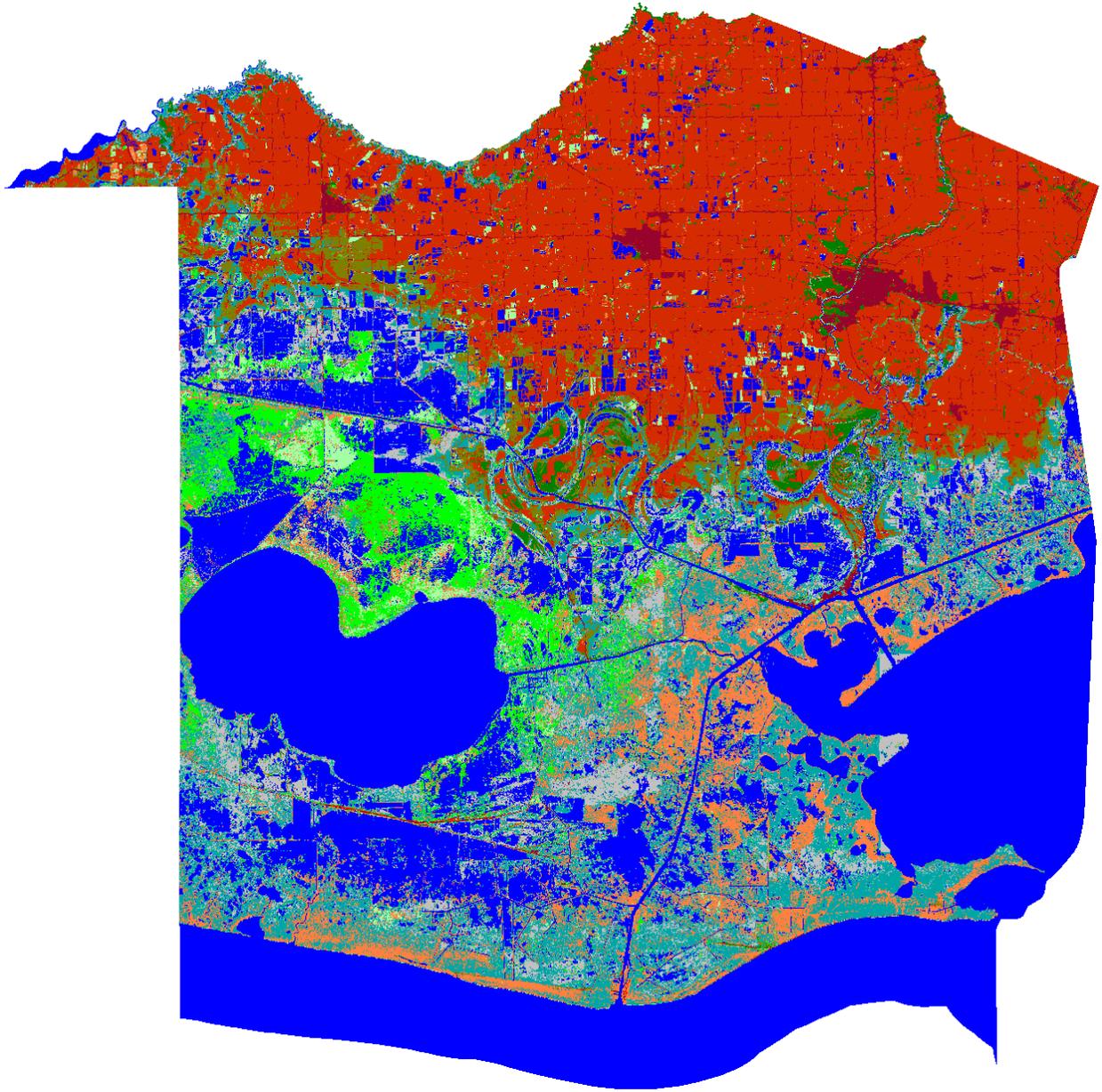


1.0 meter GSLR

2075

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

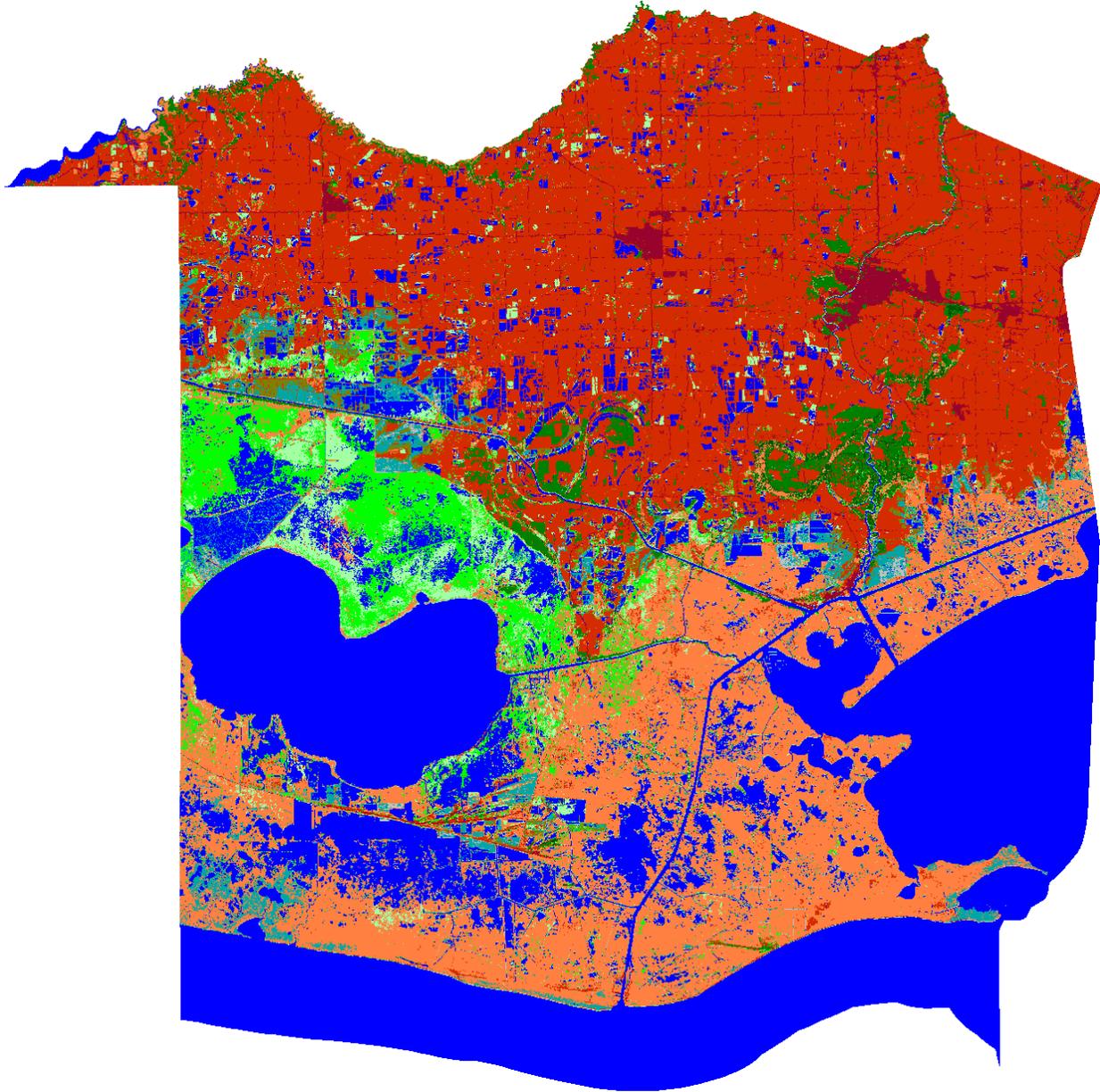


1.0 meter GSLR

2100

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

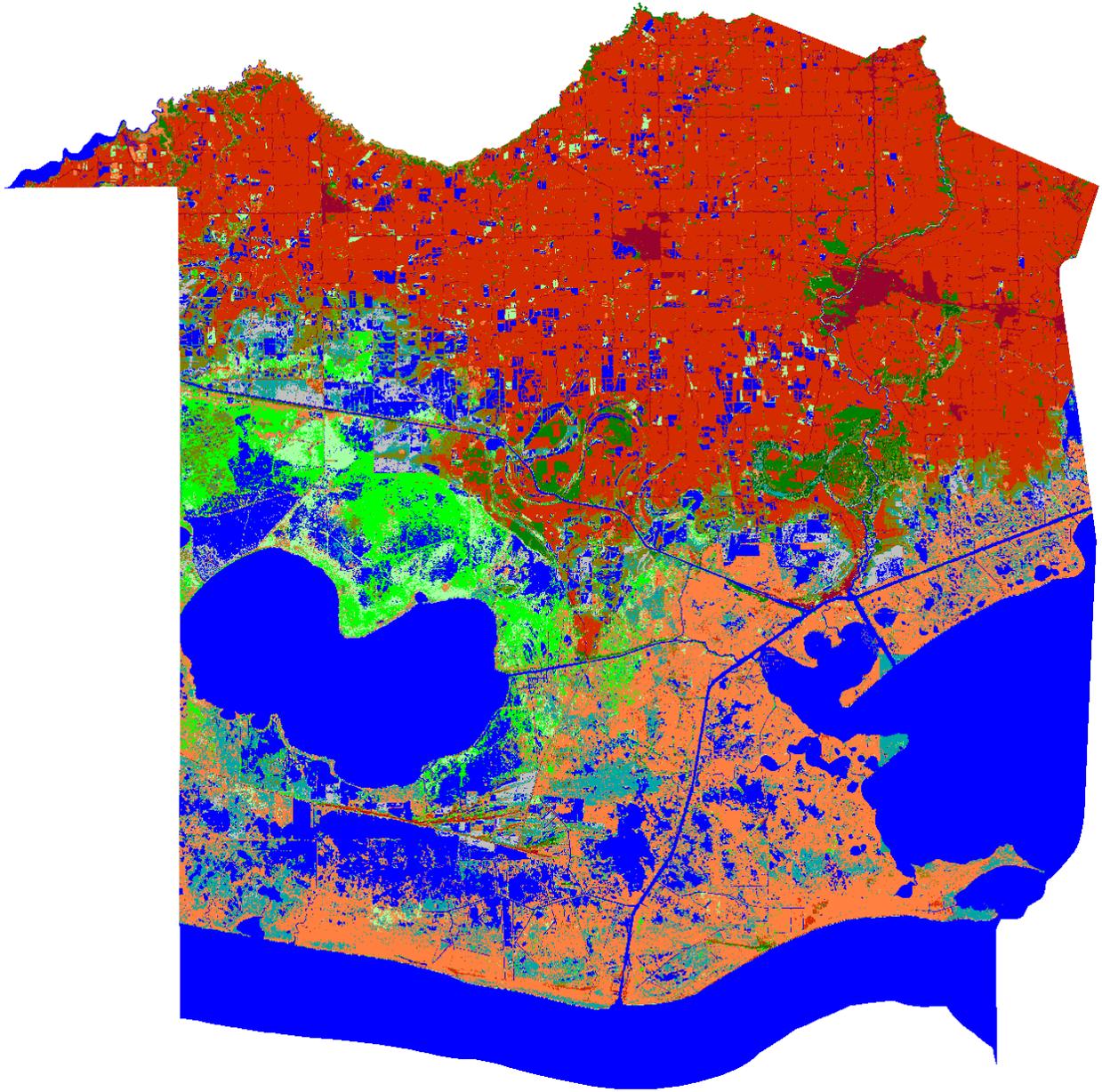


1.5 meter GSLR

2025

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

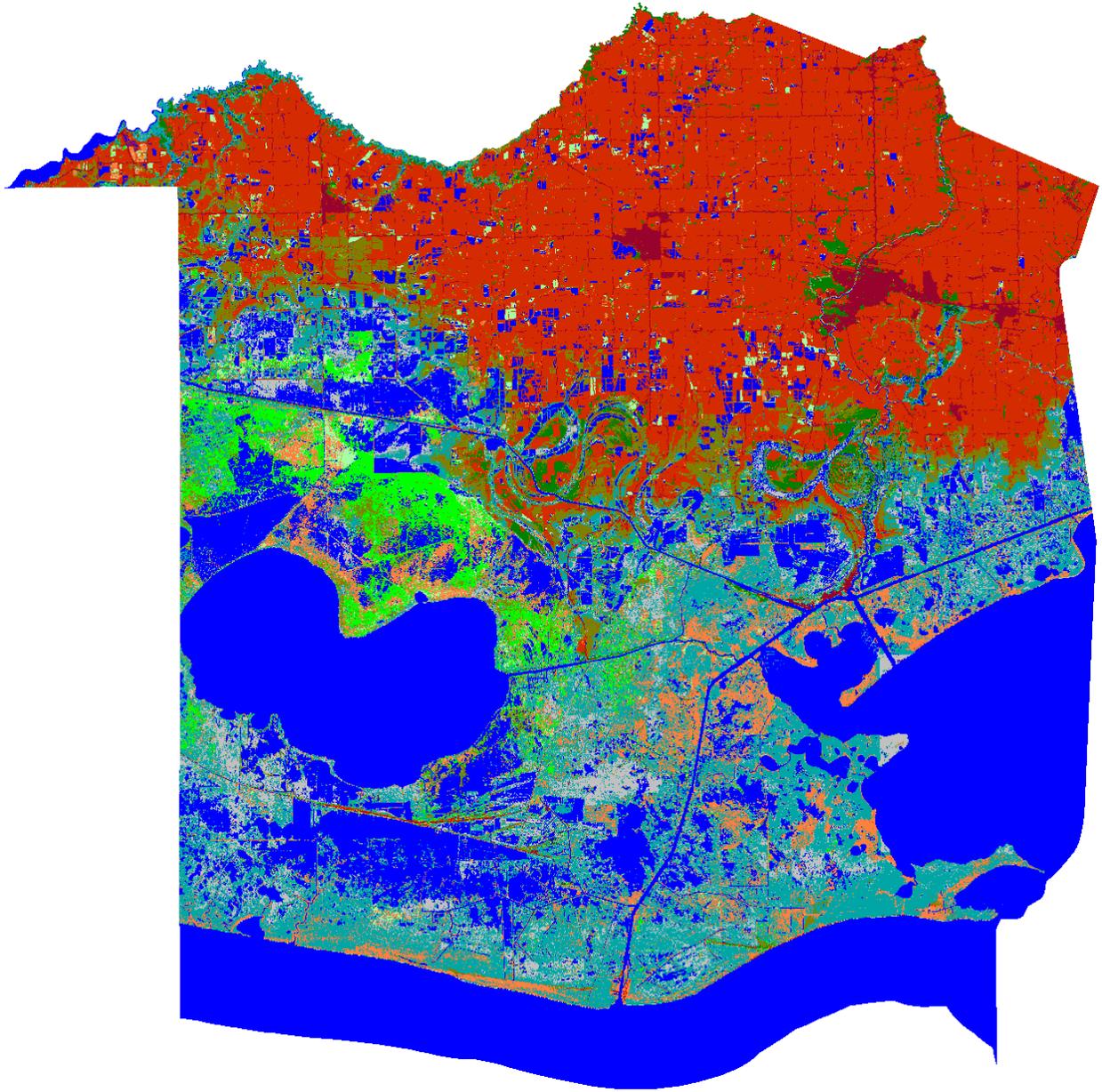


1.5 meter GSLR

2050

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

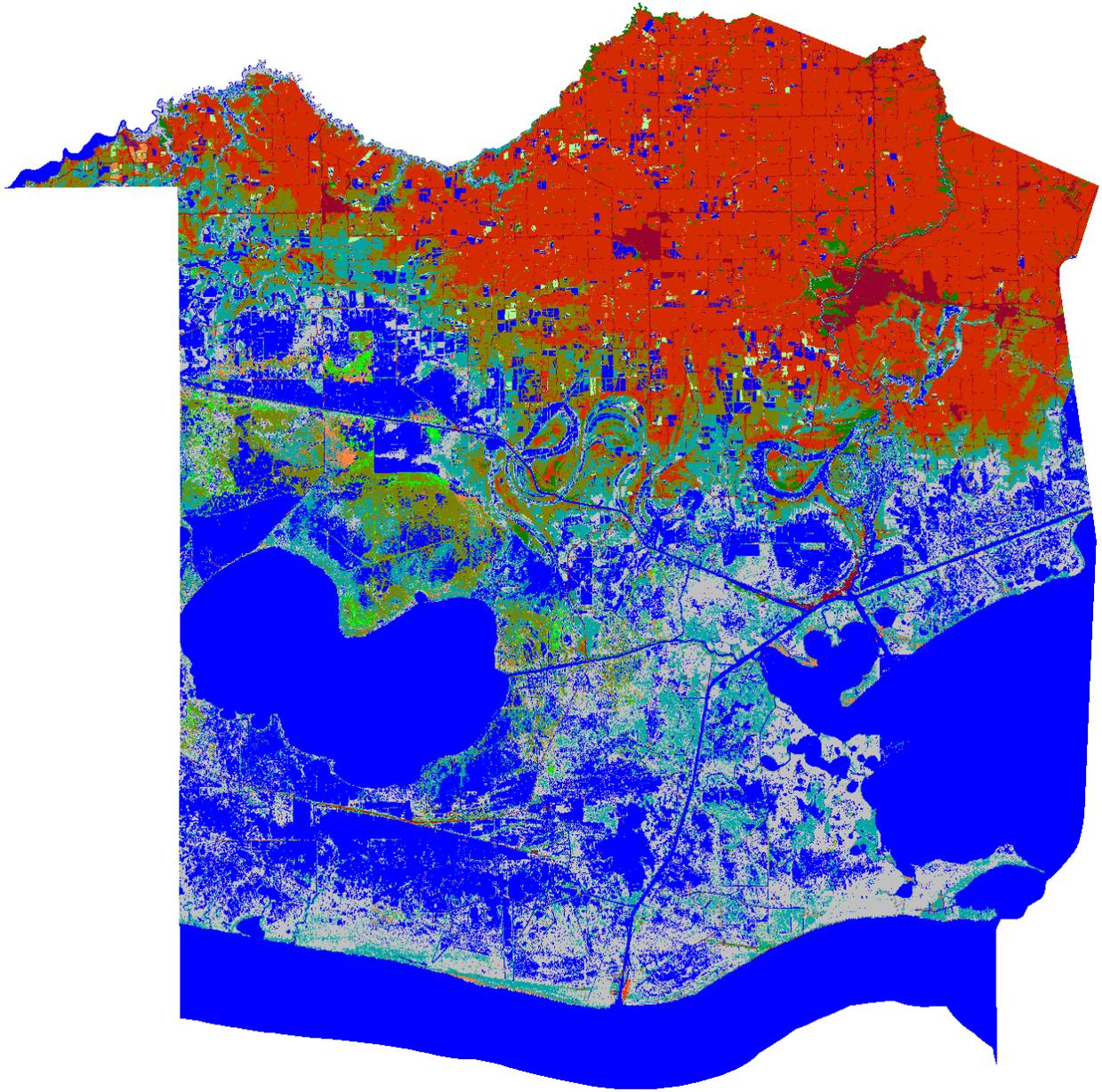


1.5 meter GSLR

2075

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

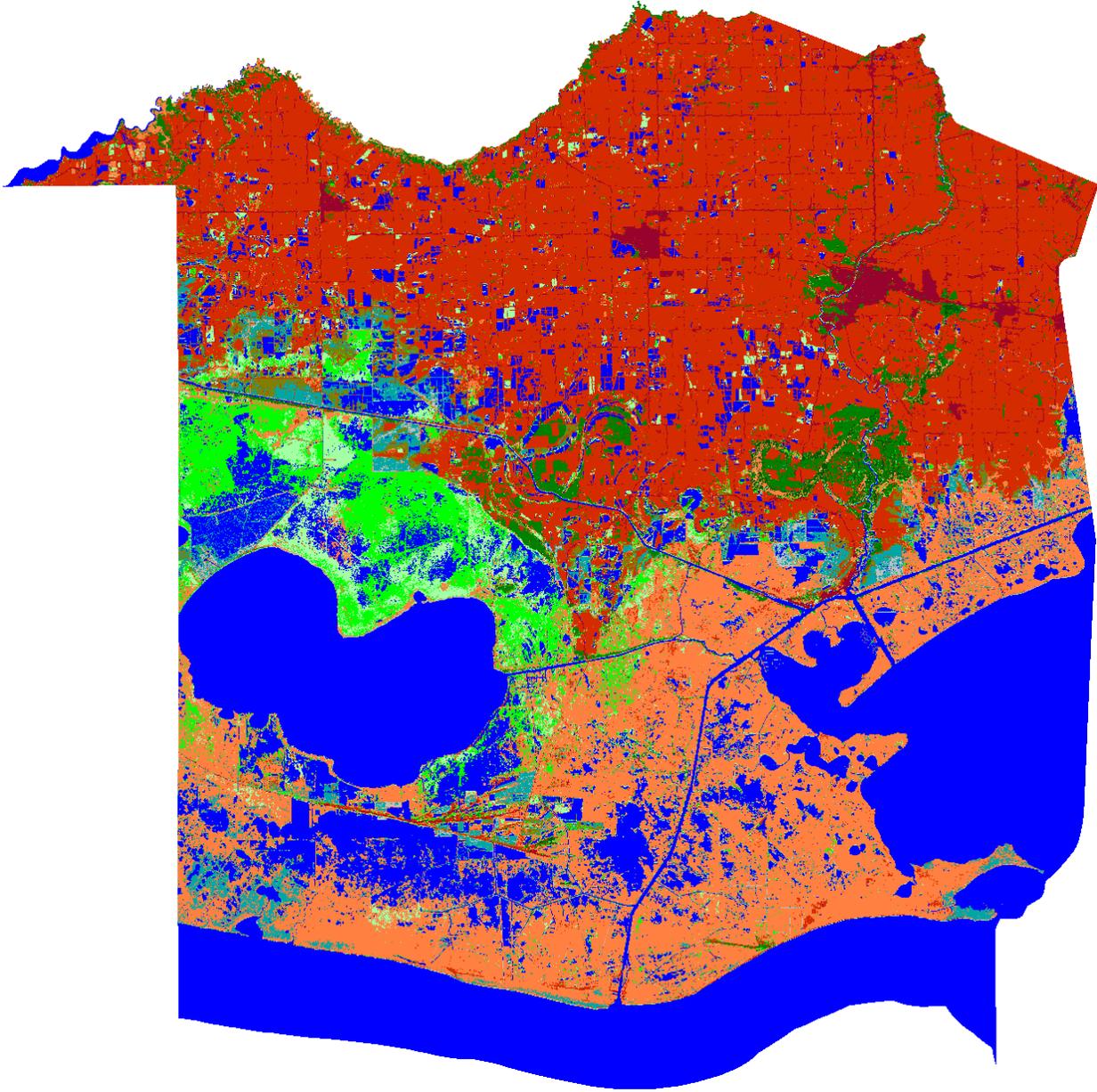


1.5 meter GSLR

2100

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

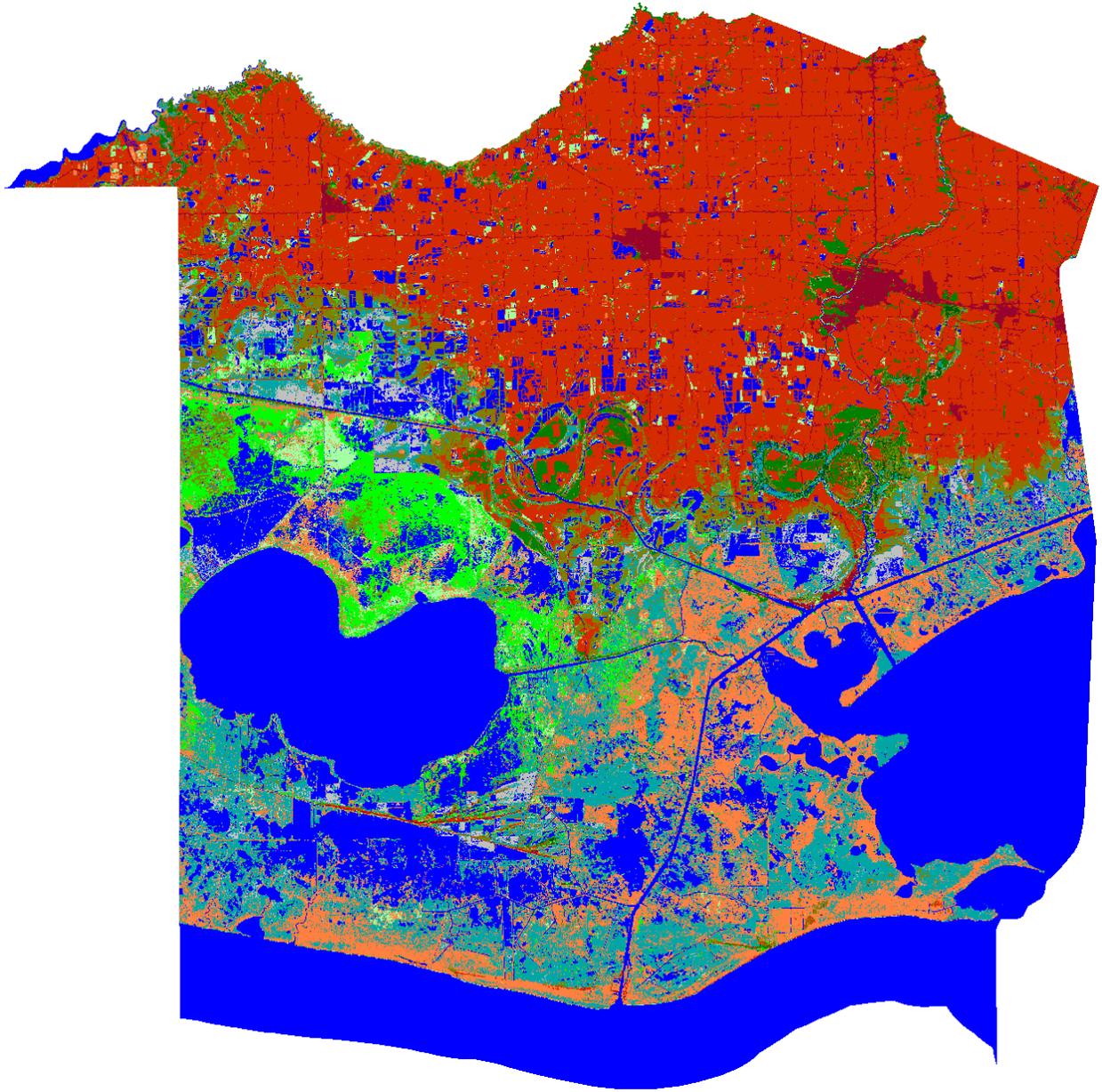


2.0 meter GSLR

2025

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

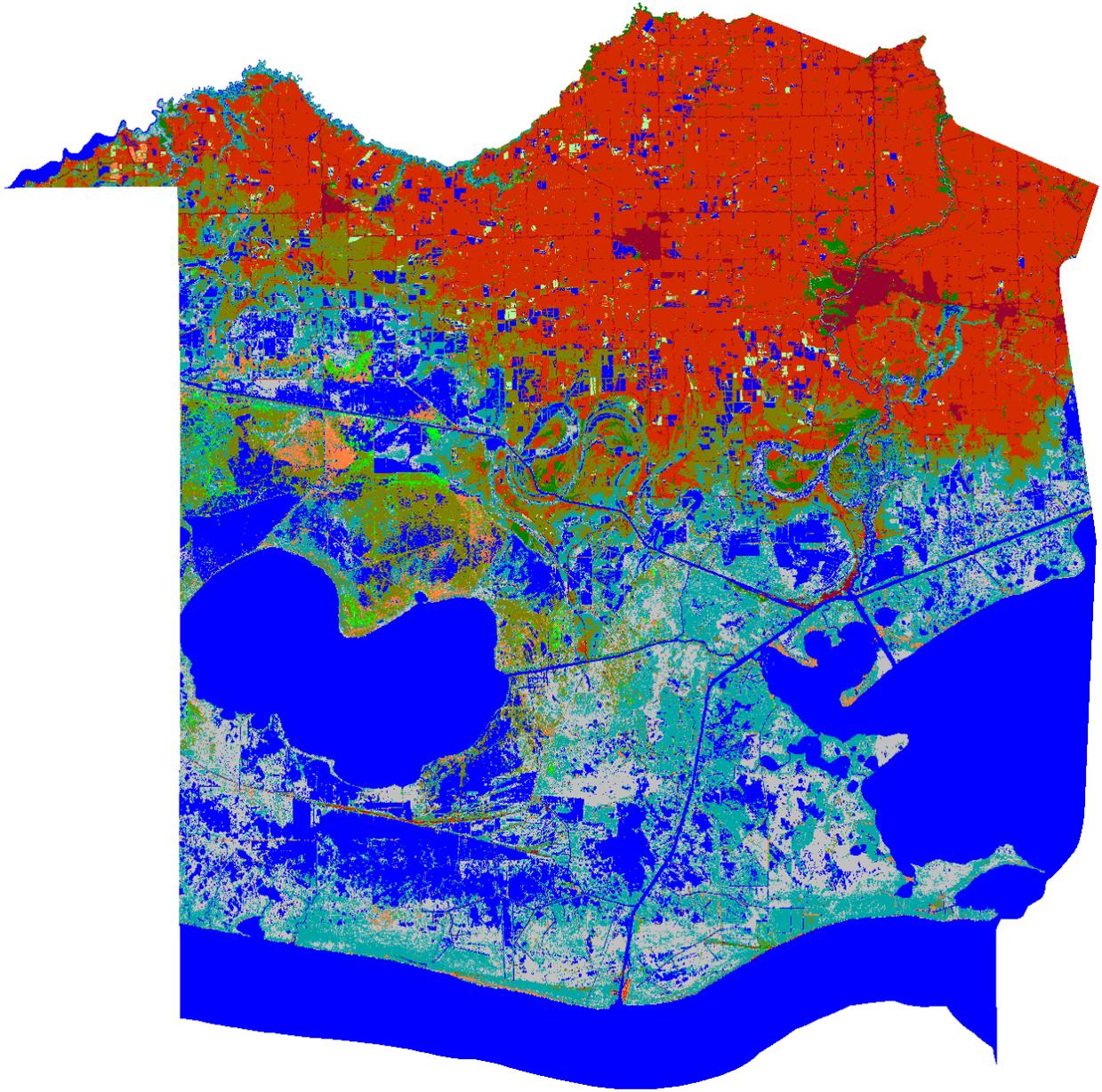


2.0 meter GSLR

2050

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

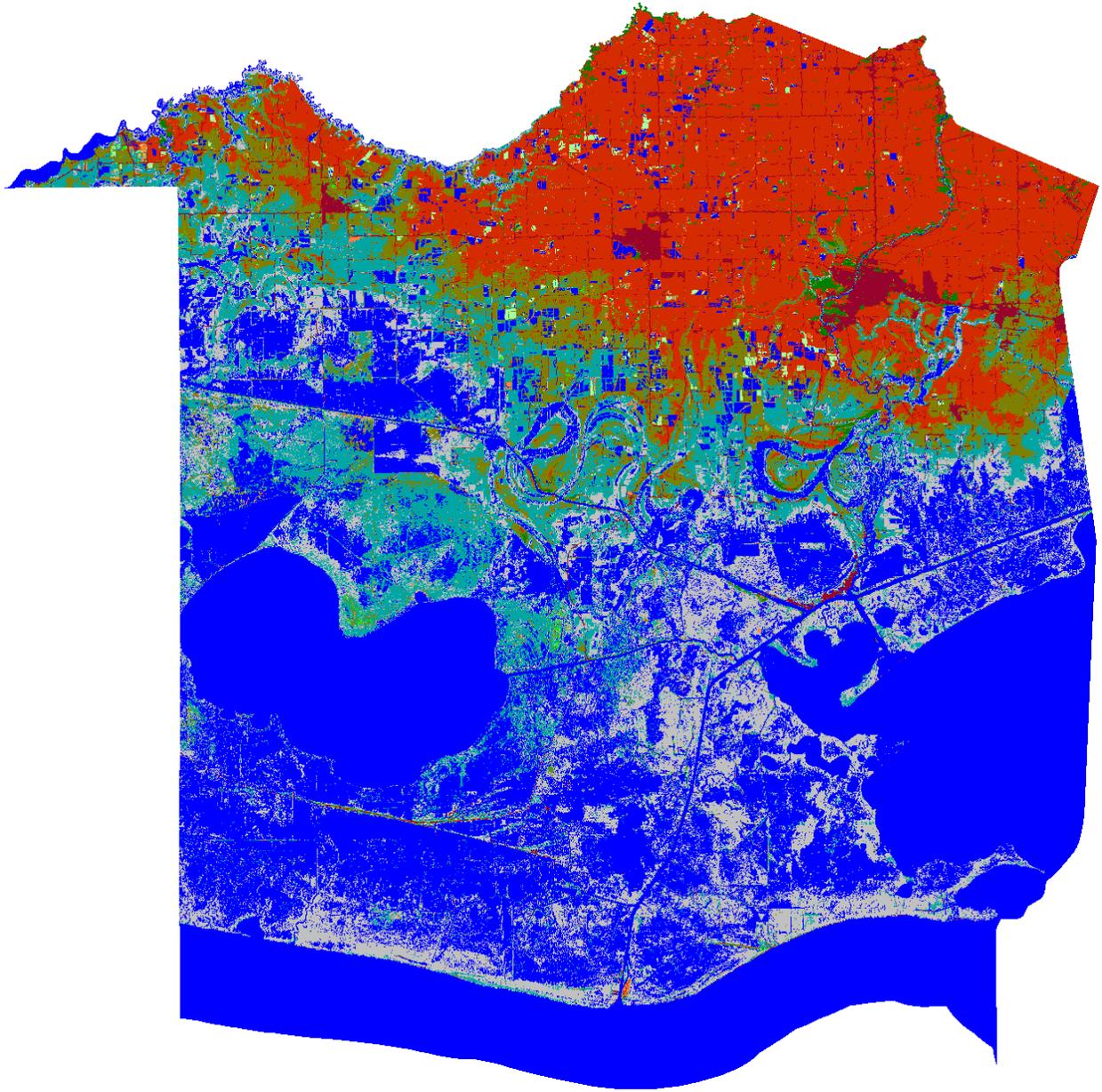


2.0 meter GSLR

2075

Vermilion Parish

Low Subsidence, Not Protected with Dikes SLAMM Scenarios

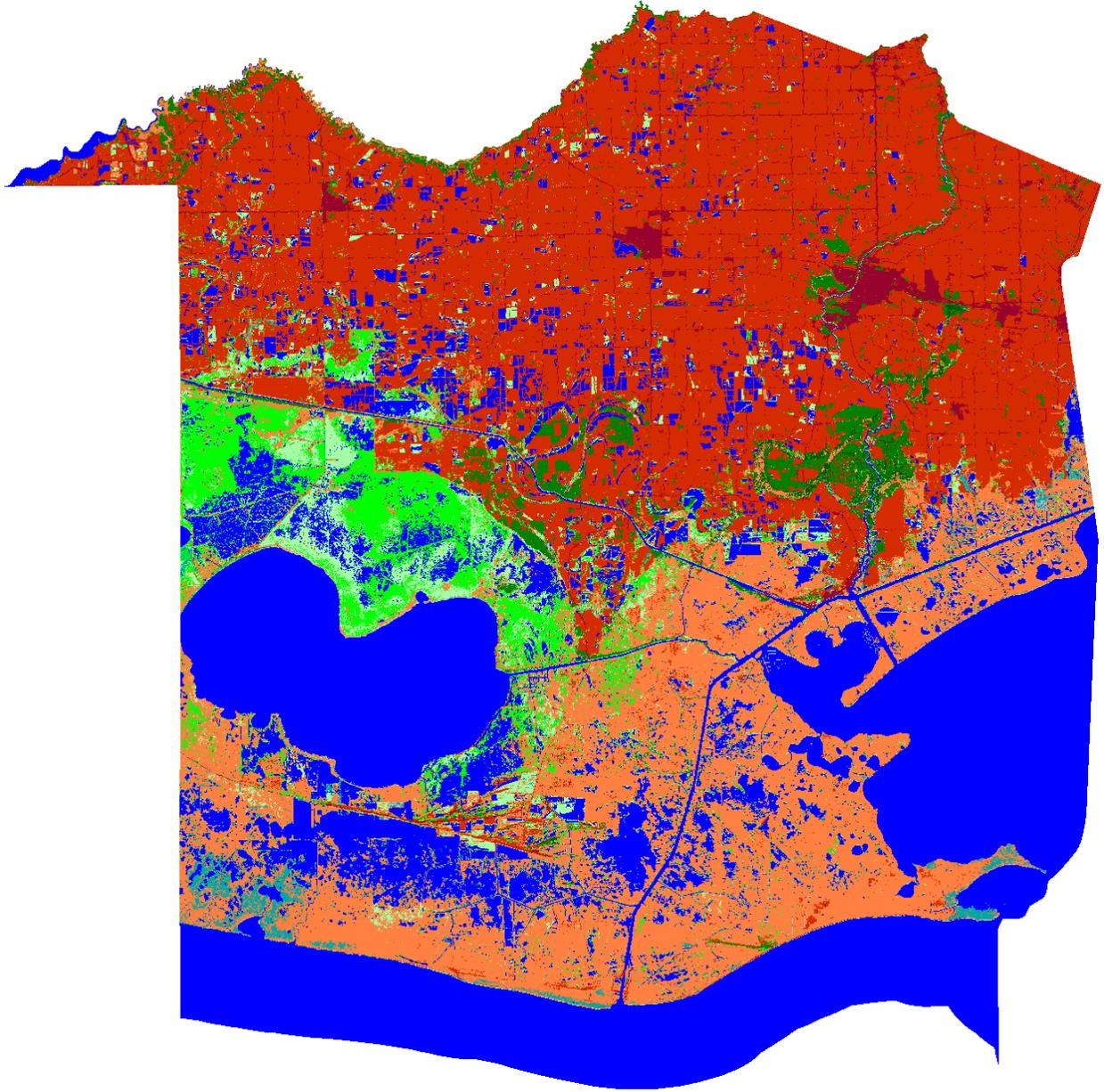


2.0 meter GSLR

2100

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

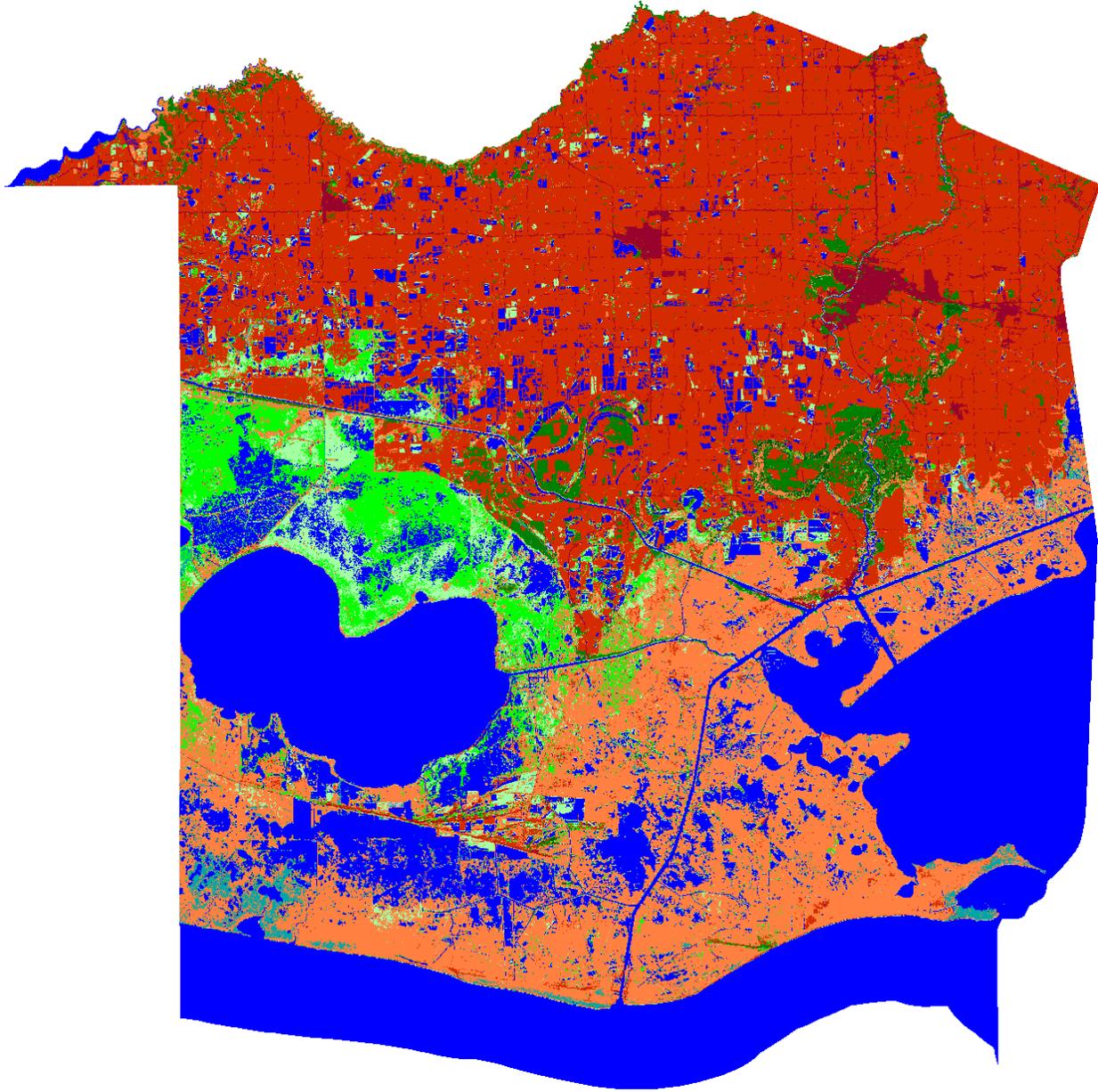


0.5 meter GSLR

2025

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

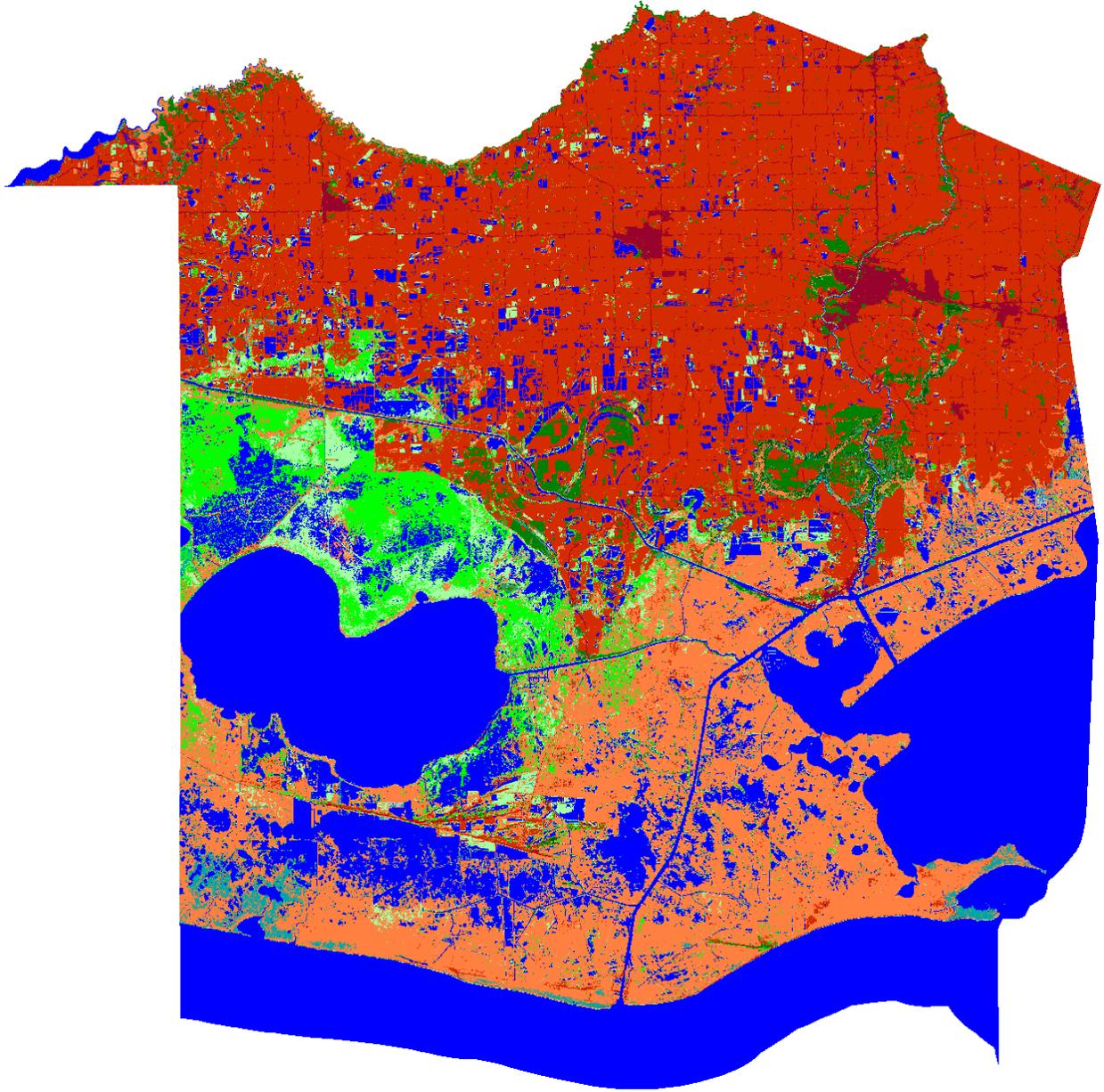


0.5 meter GSLR

2050

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

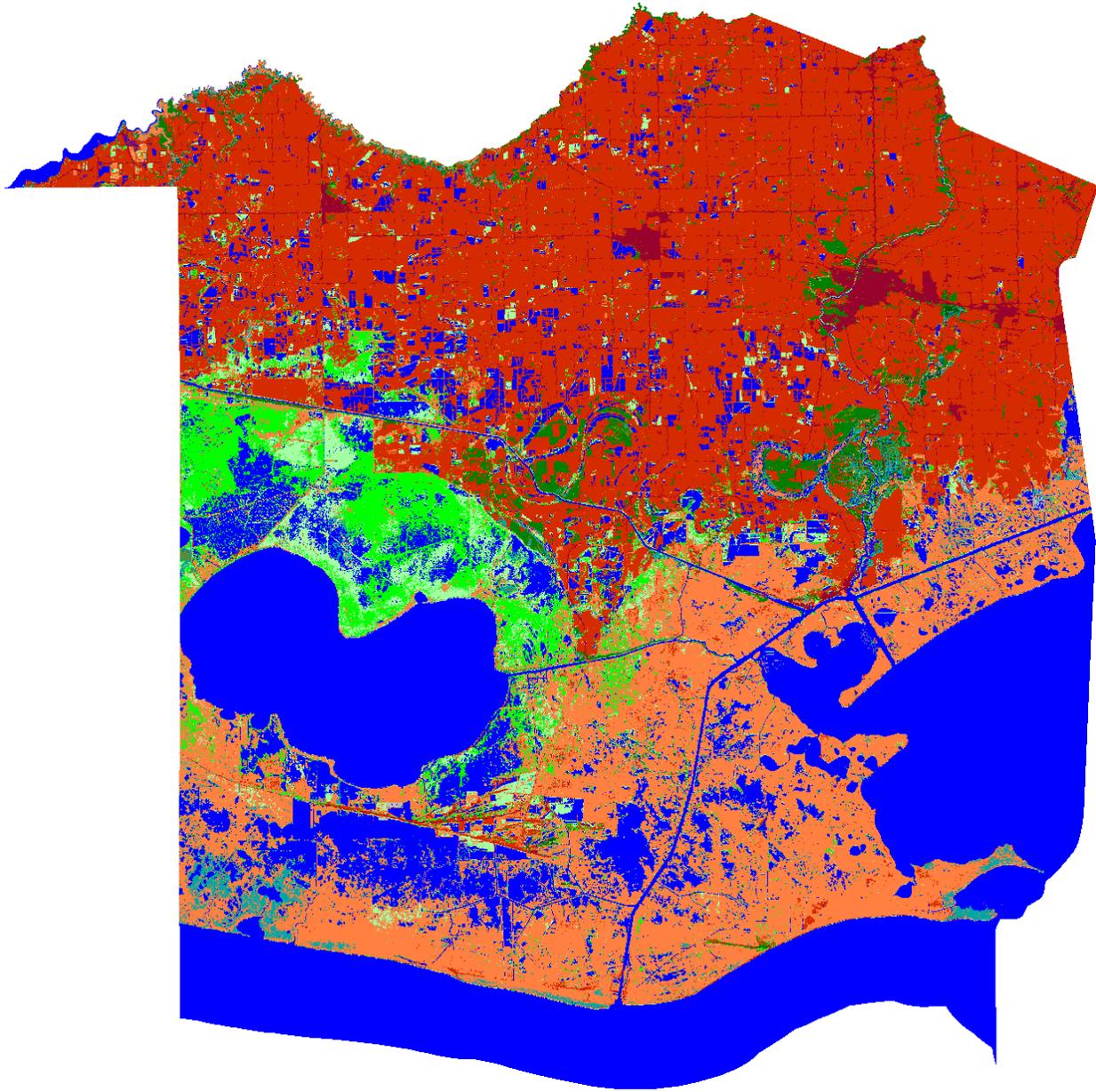


0.5 meter GSLR

2075

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

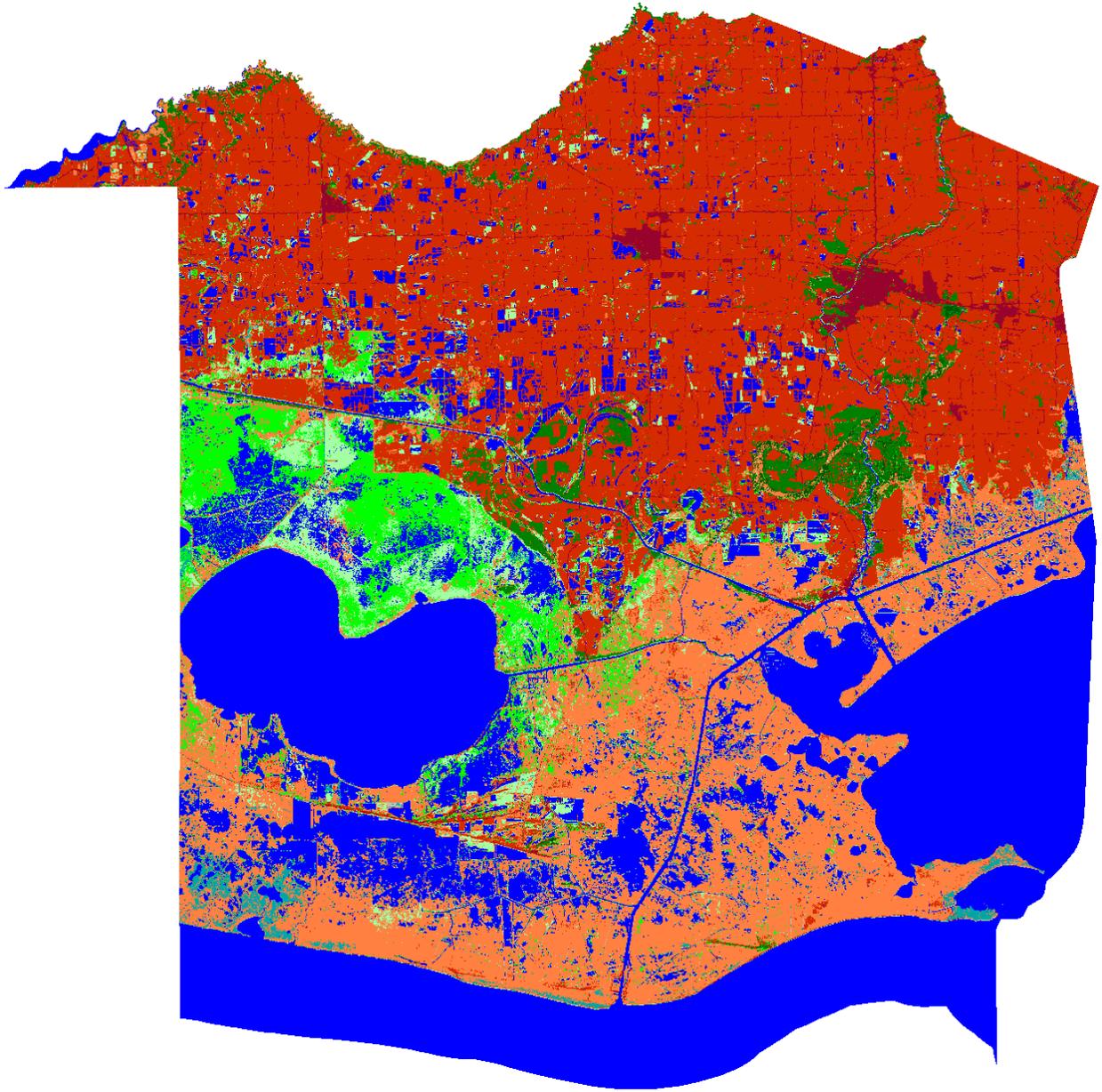


0.5 meter GSLR

2100

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

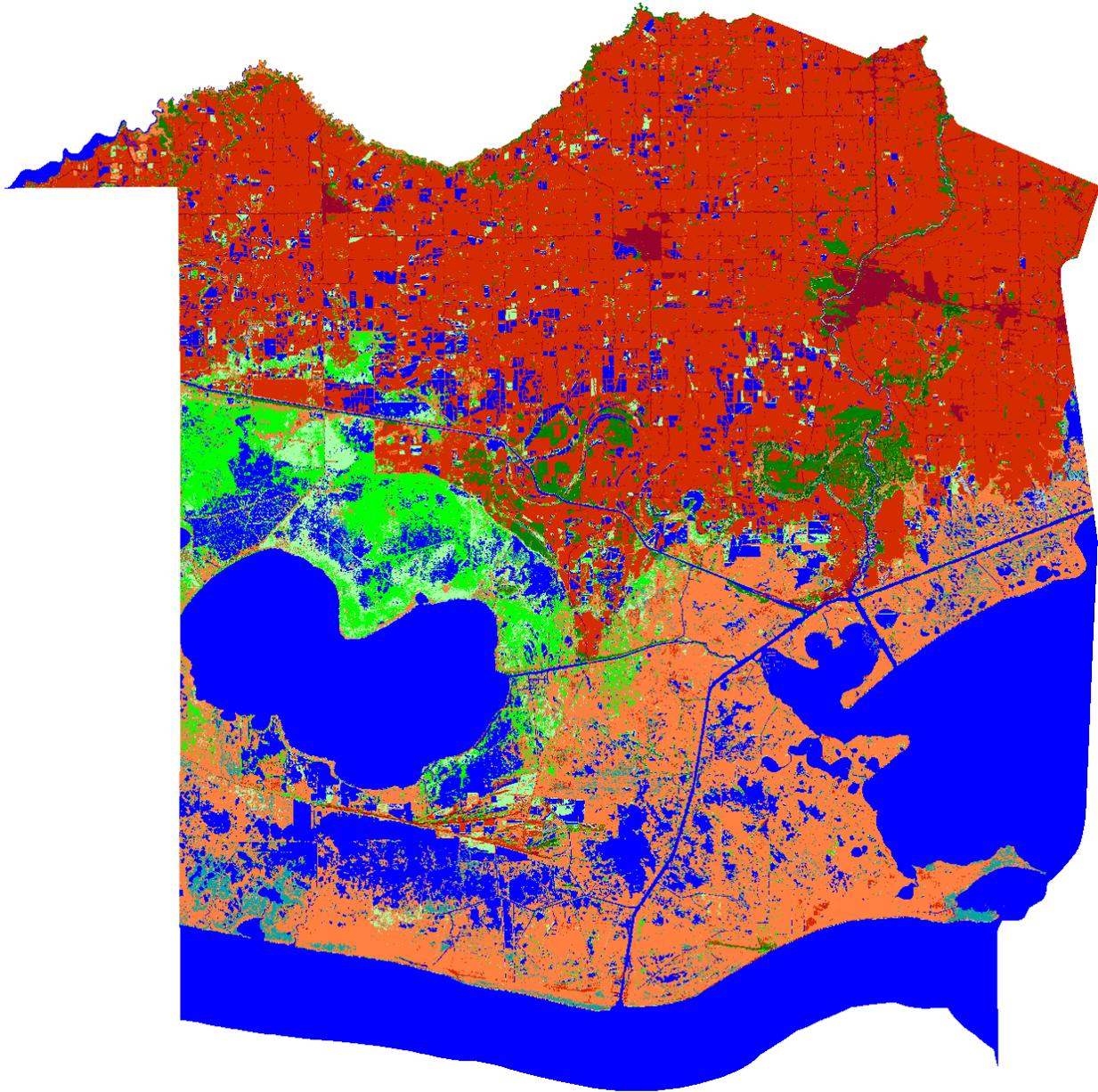


1.0 meter GSLR

2025

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

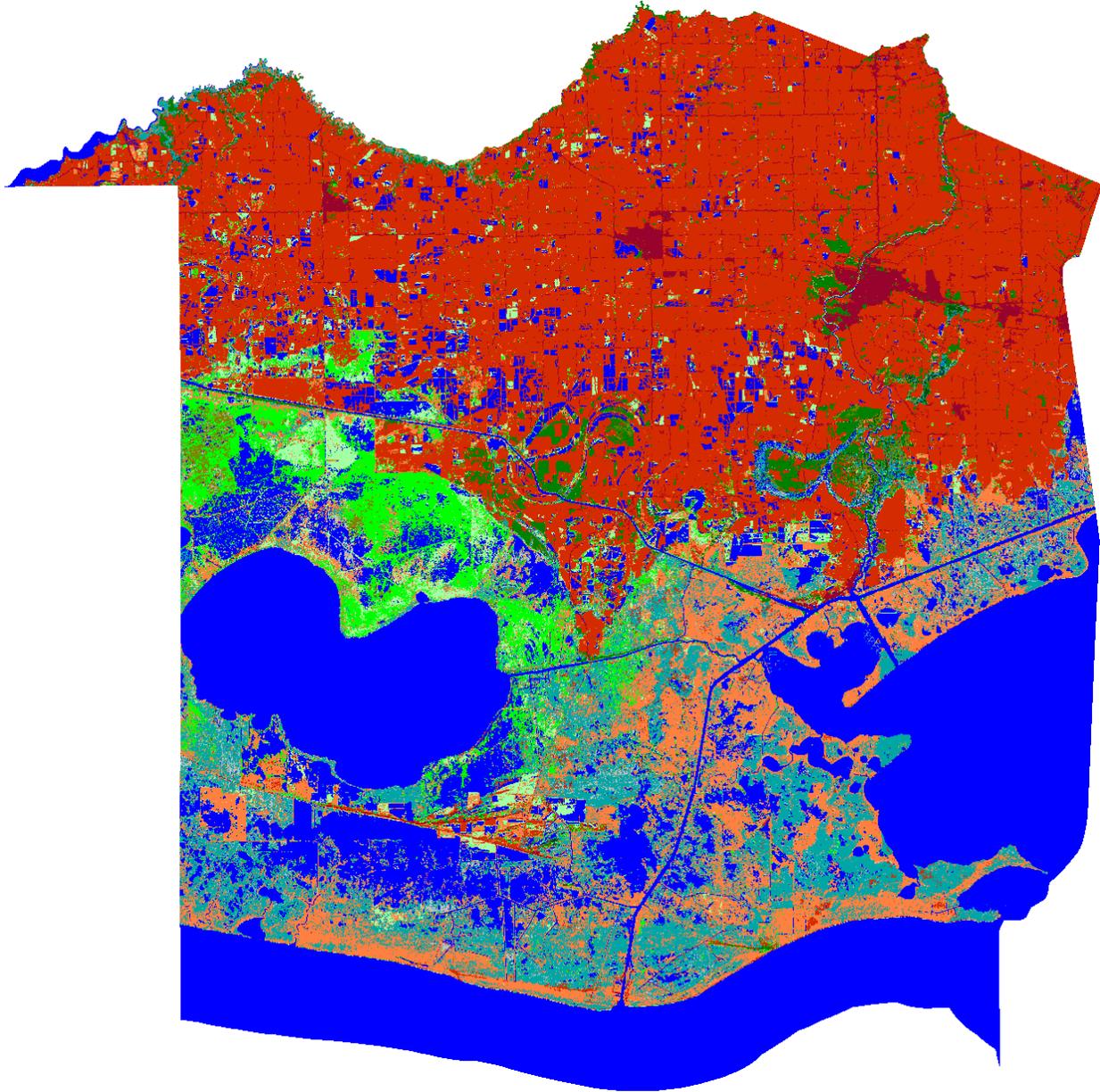


1.0 meter GSLR

2050

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

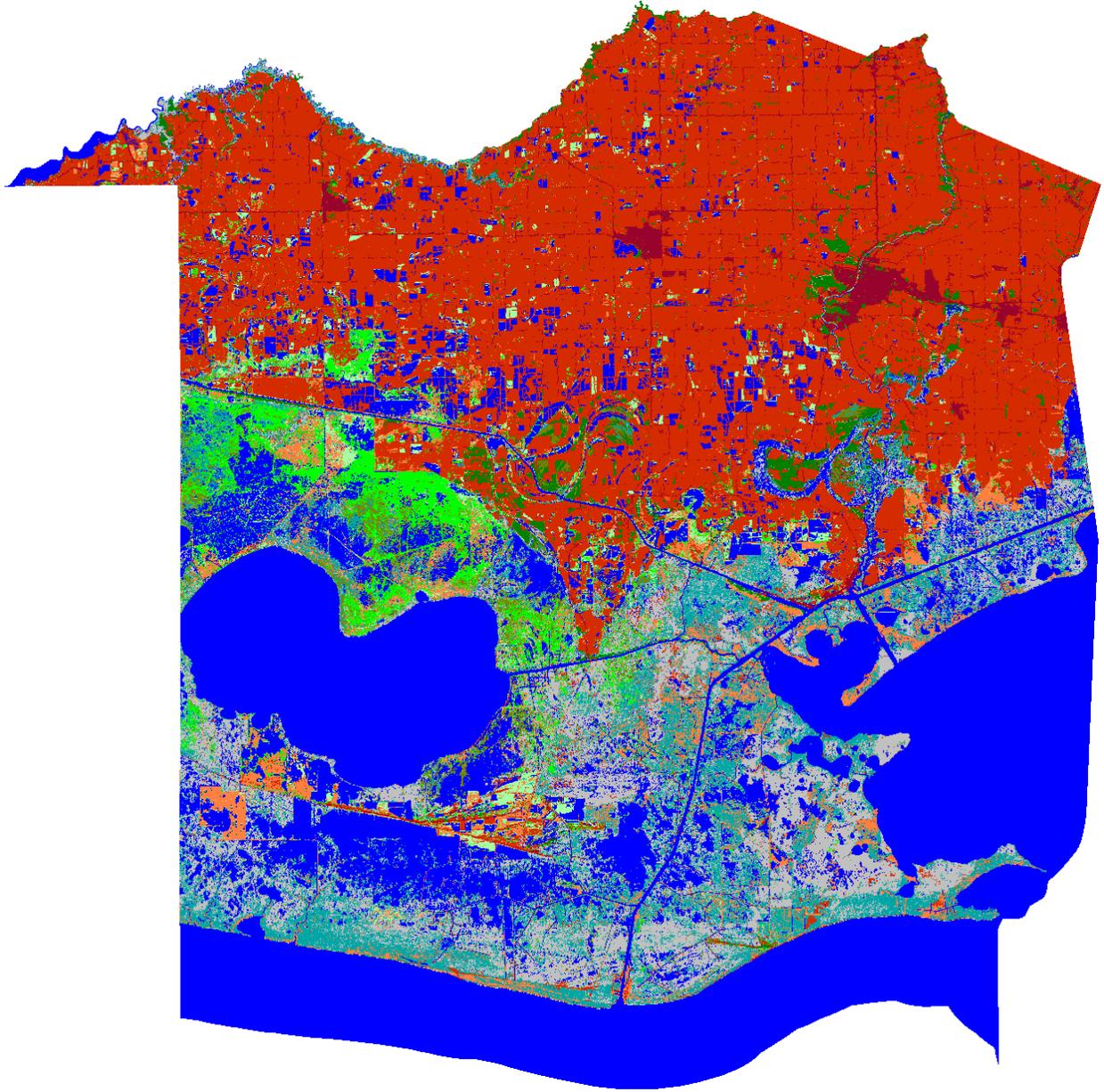


1.0 meter GSLR

2075

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

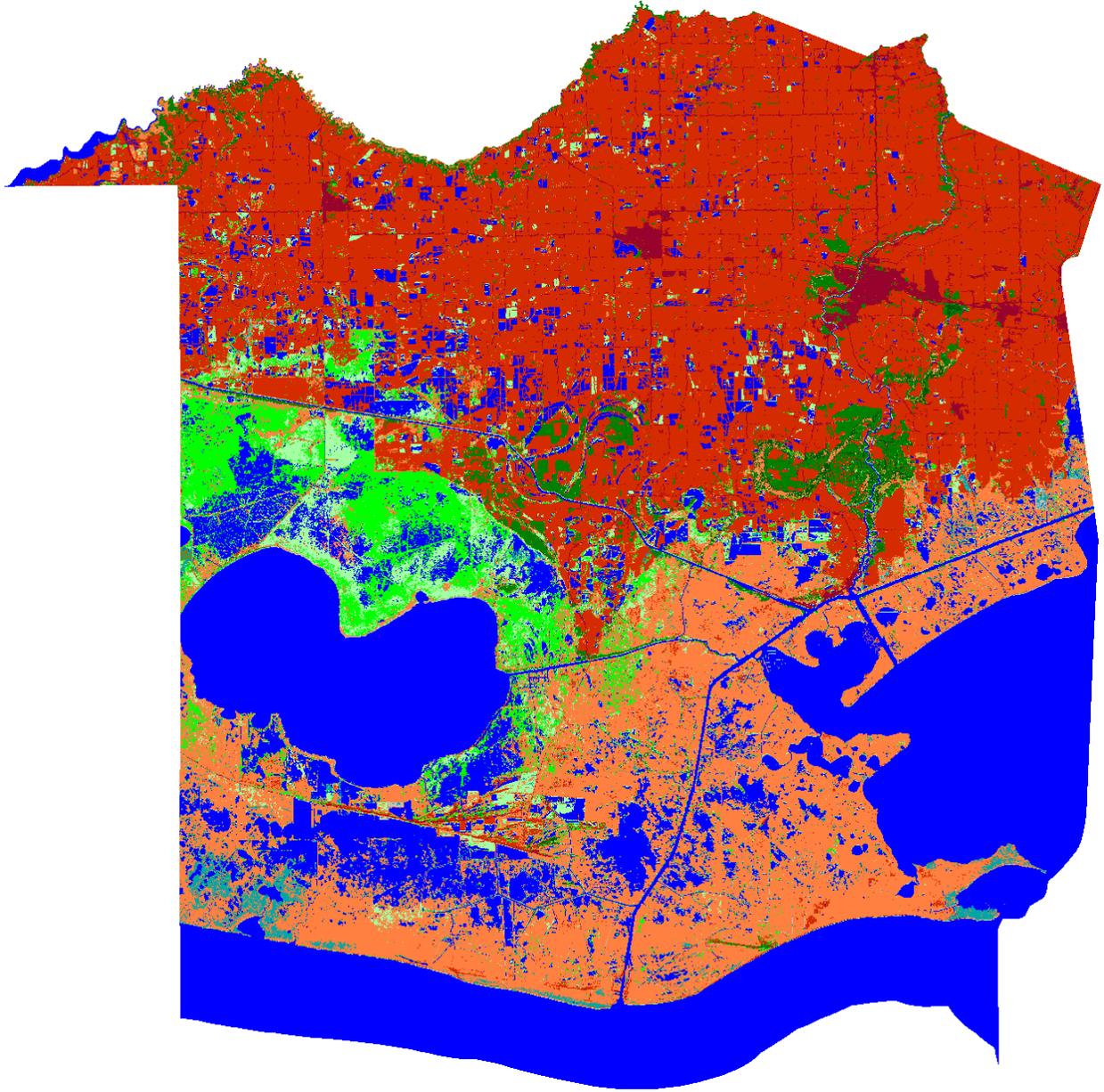


1.0 meter GSLR

2100

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

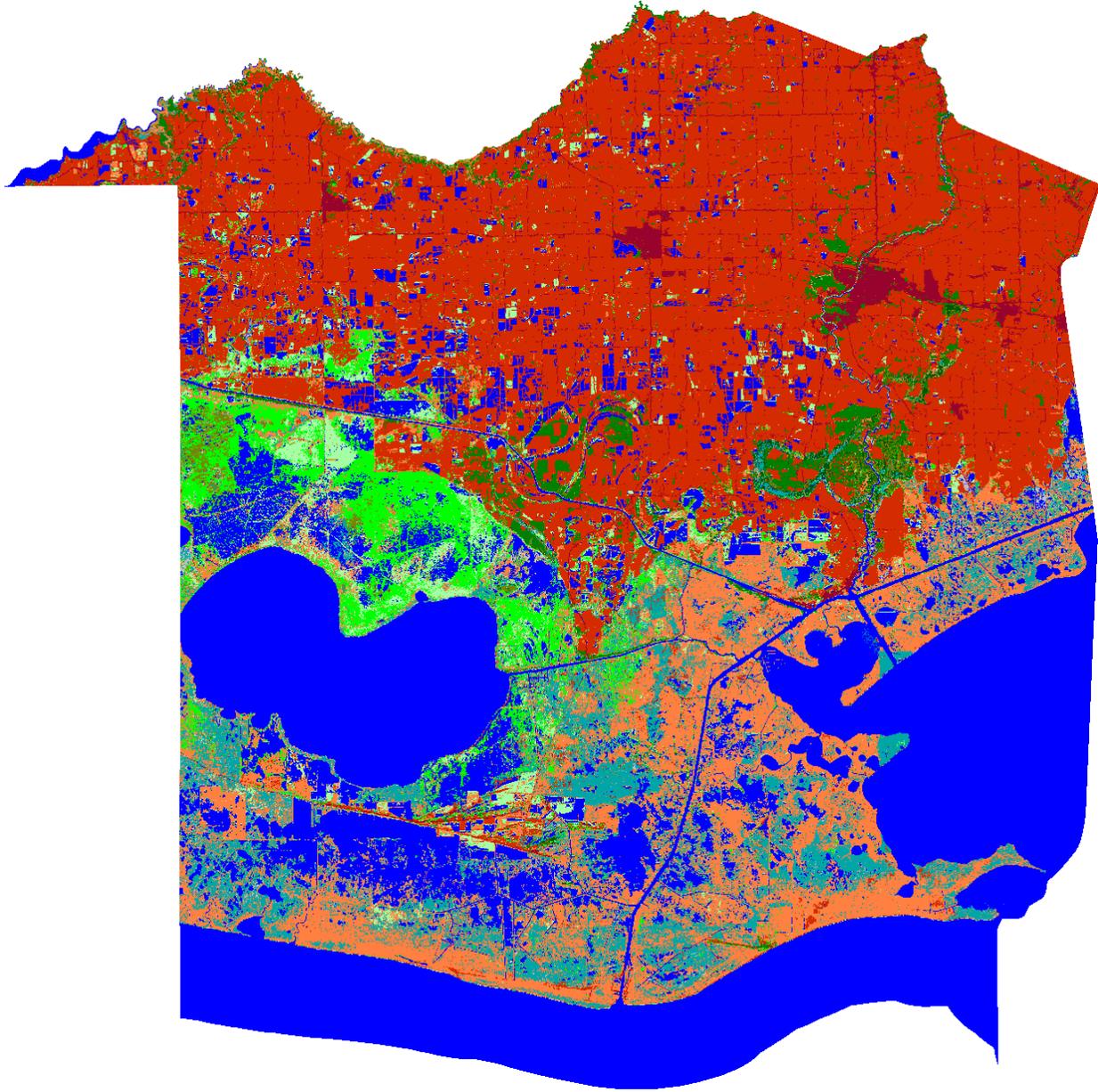


1.5 meter GSLR

2025

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

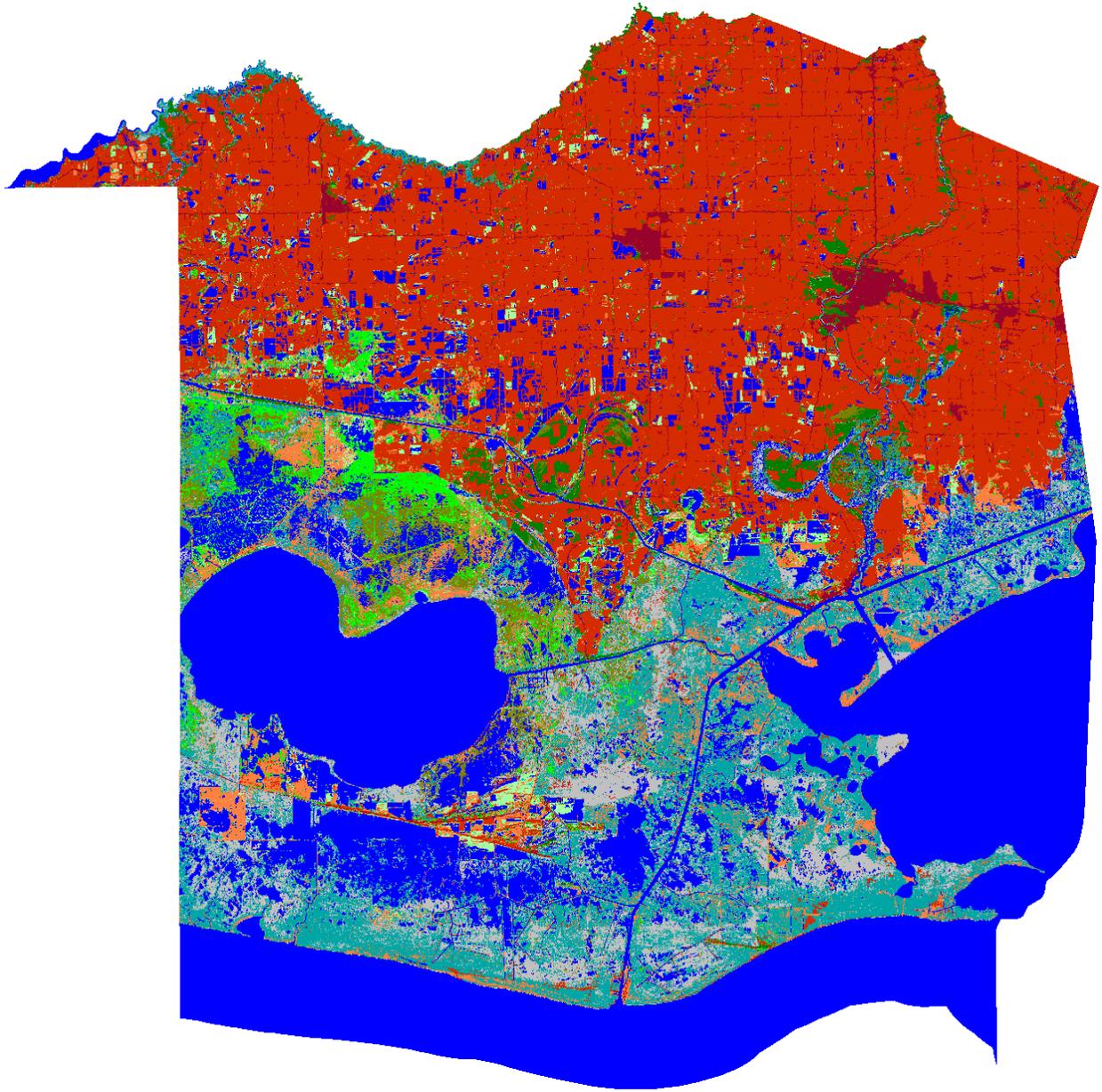


1.5 meter GSLR

2050

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

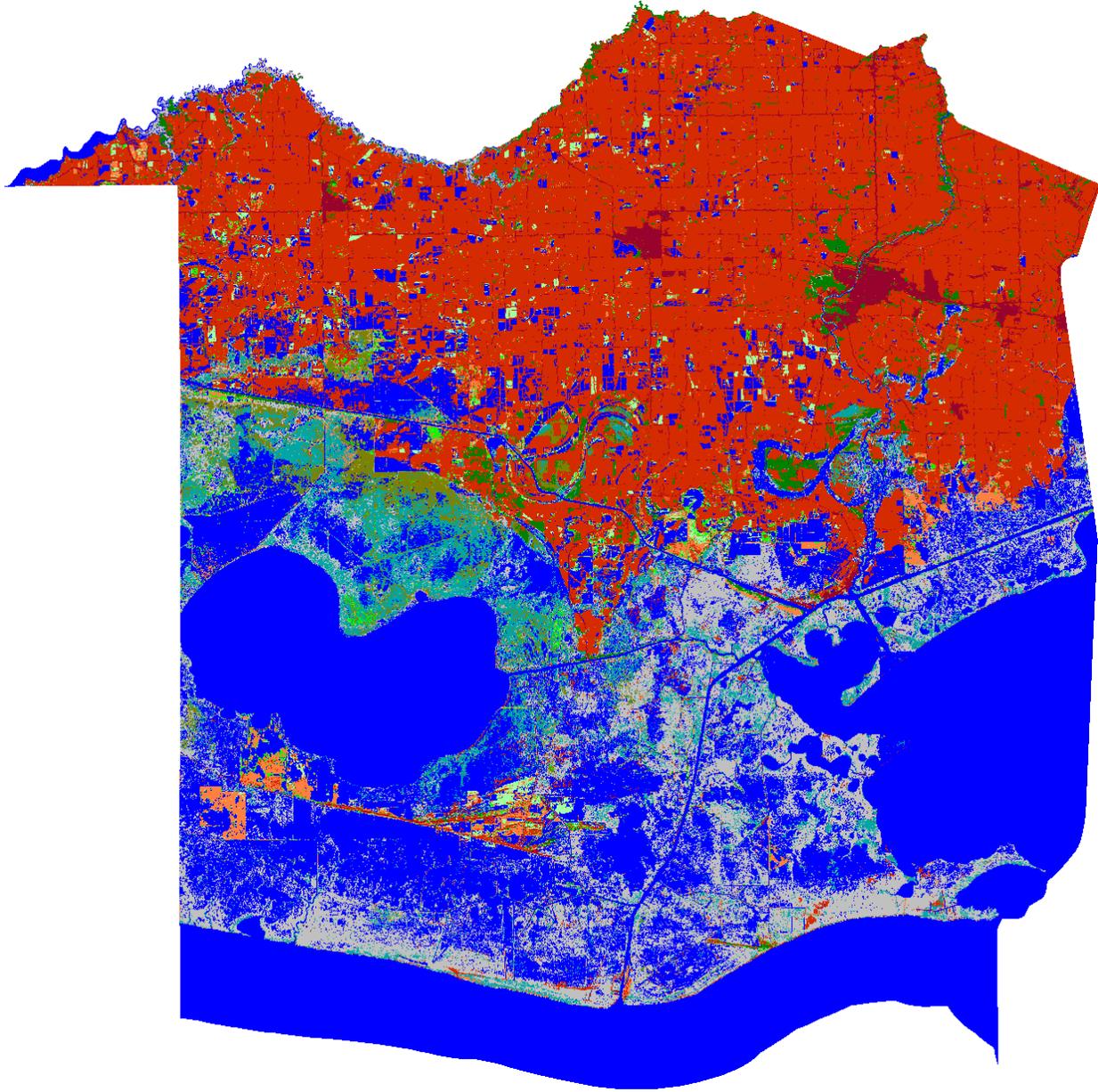


1.5 meter GSLR

2075

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

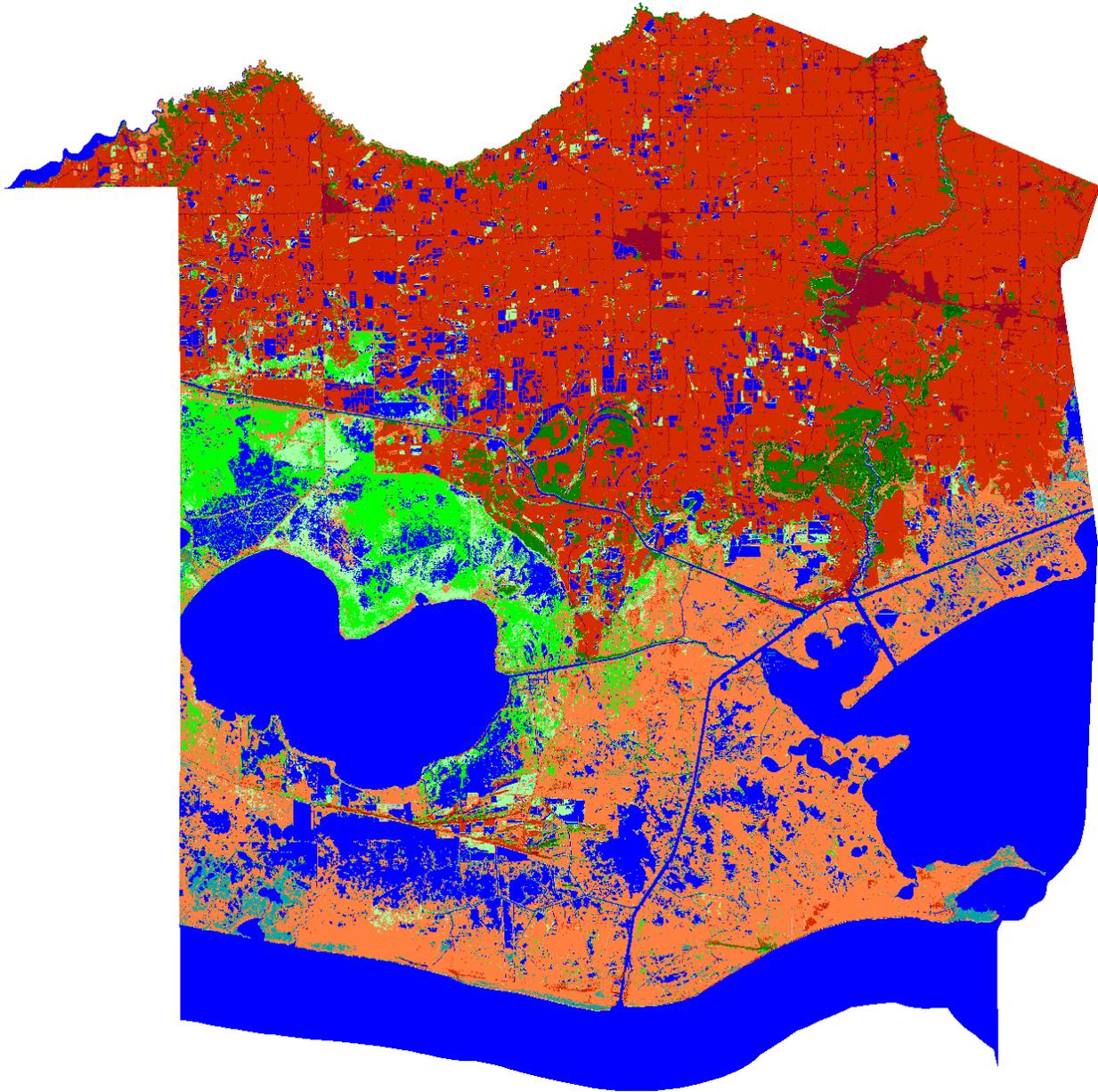


1.5 meter GSLR

2100

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

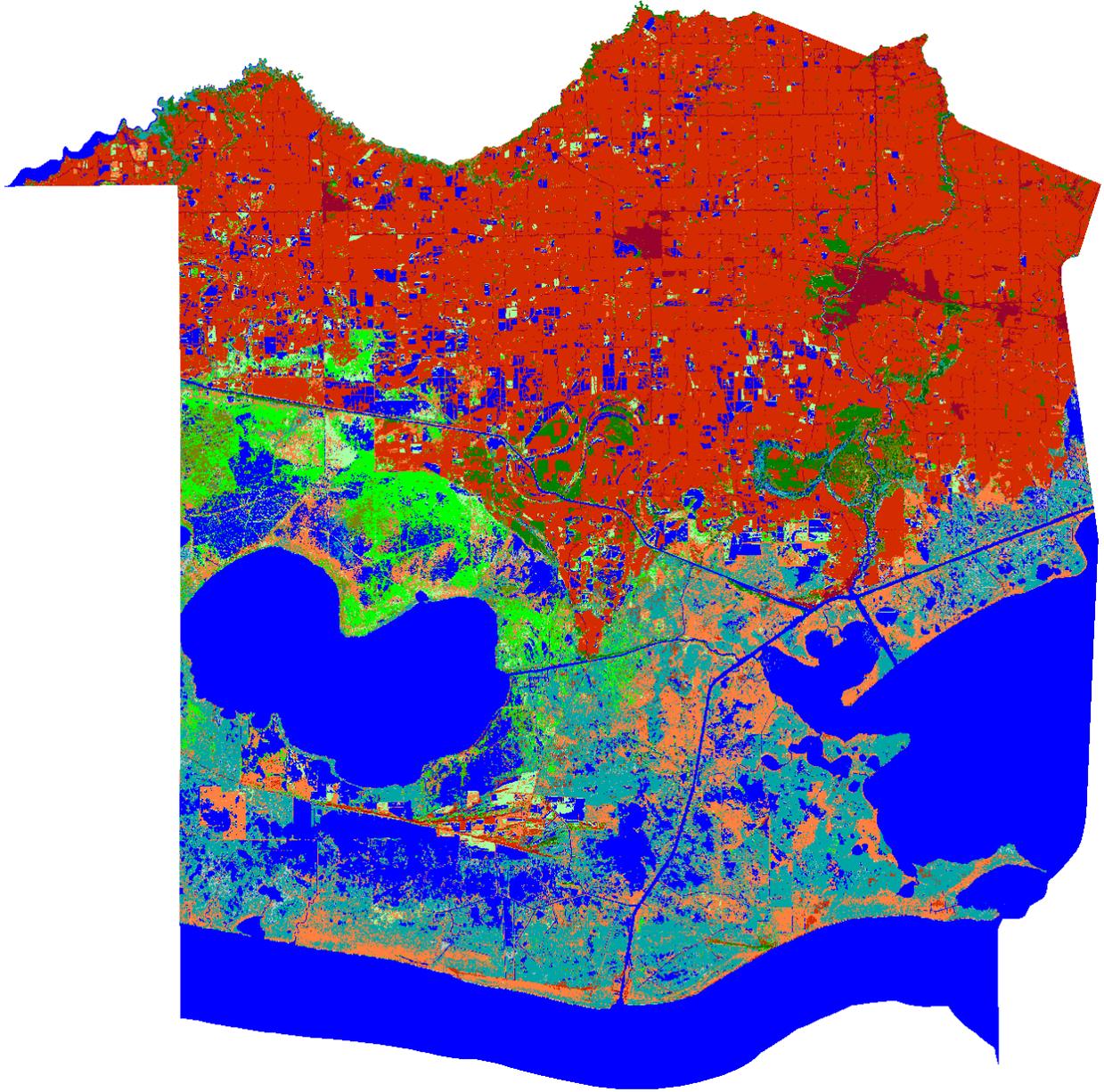


2.0 meter GSLR

2025

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

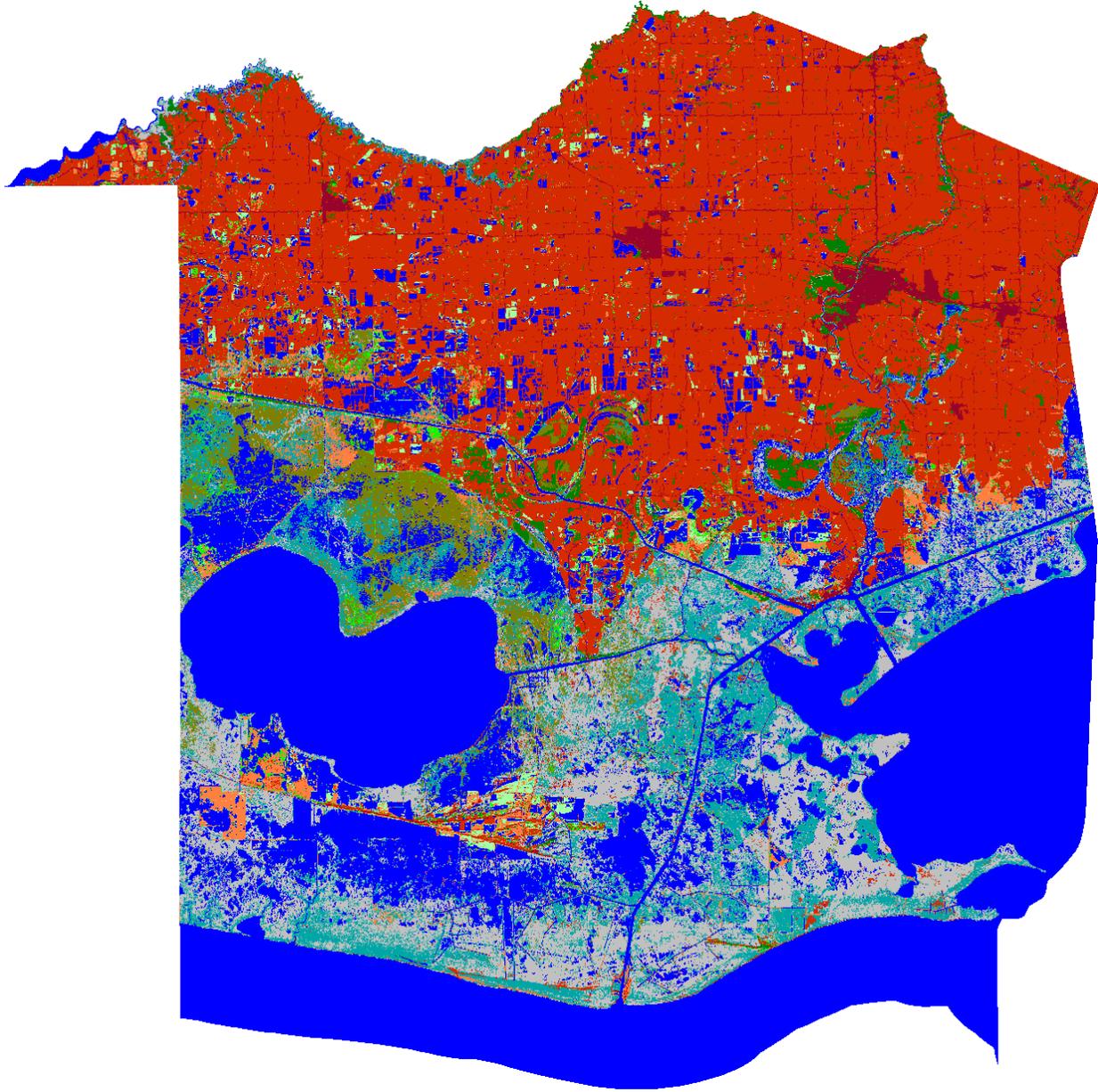


2.0 meter GSLR

2050

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

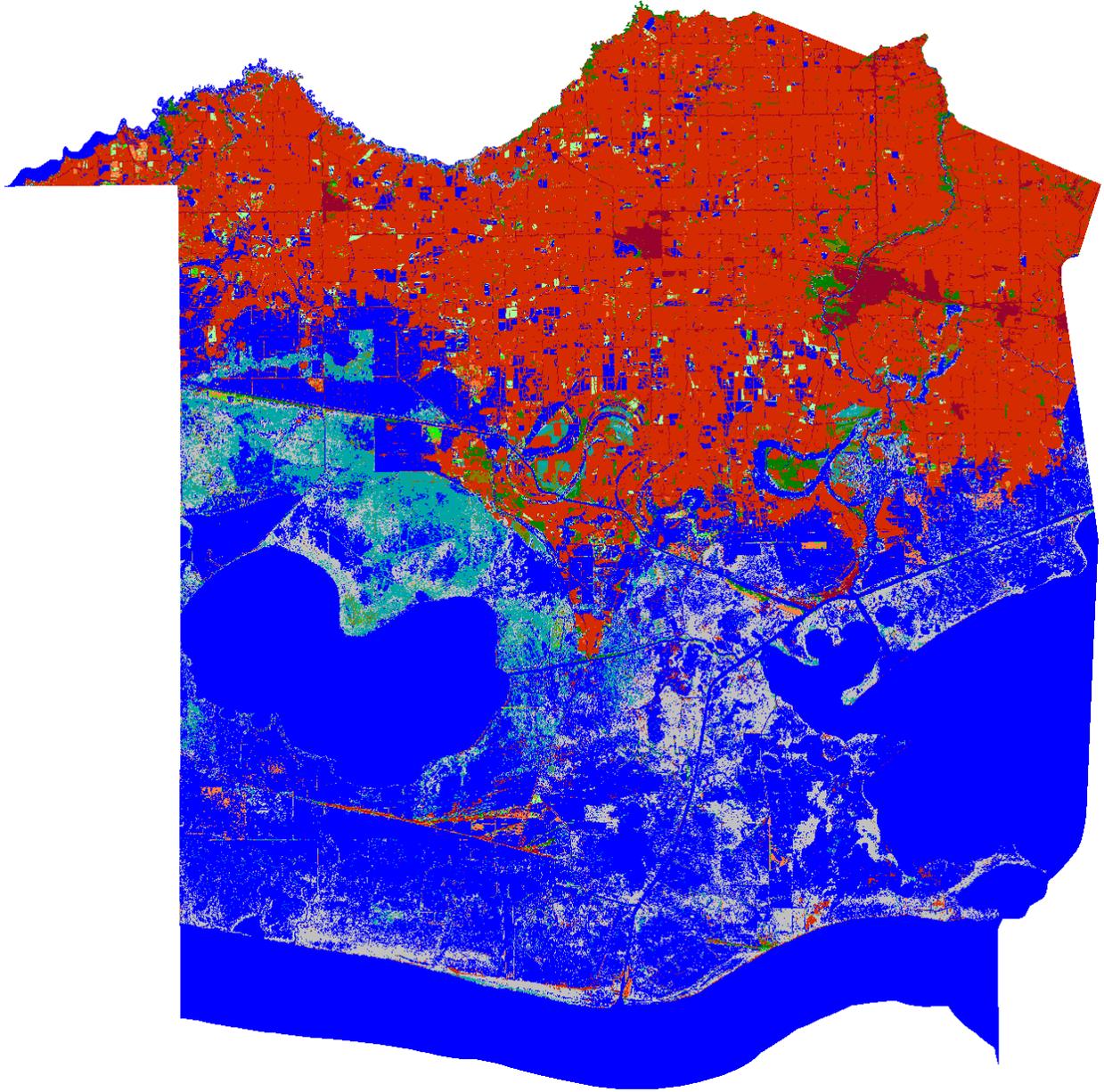


2.0 meter GSLR

2075

Vermilion Parish

High Subsidence, Protected with Dikes SLAMM Scenarios

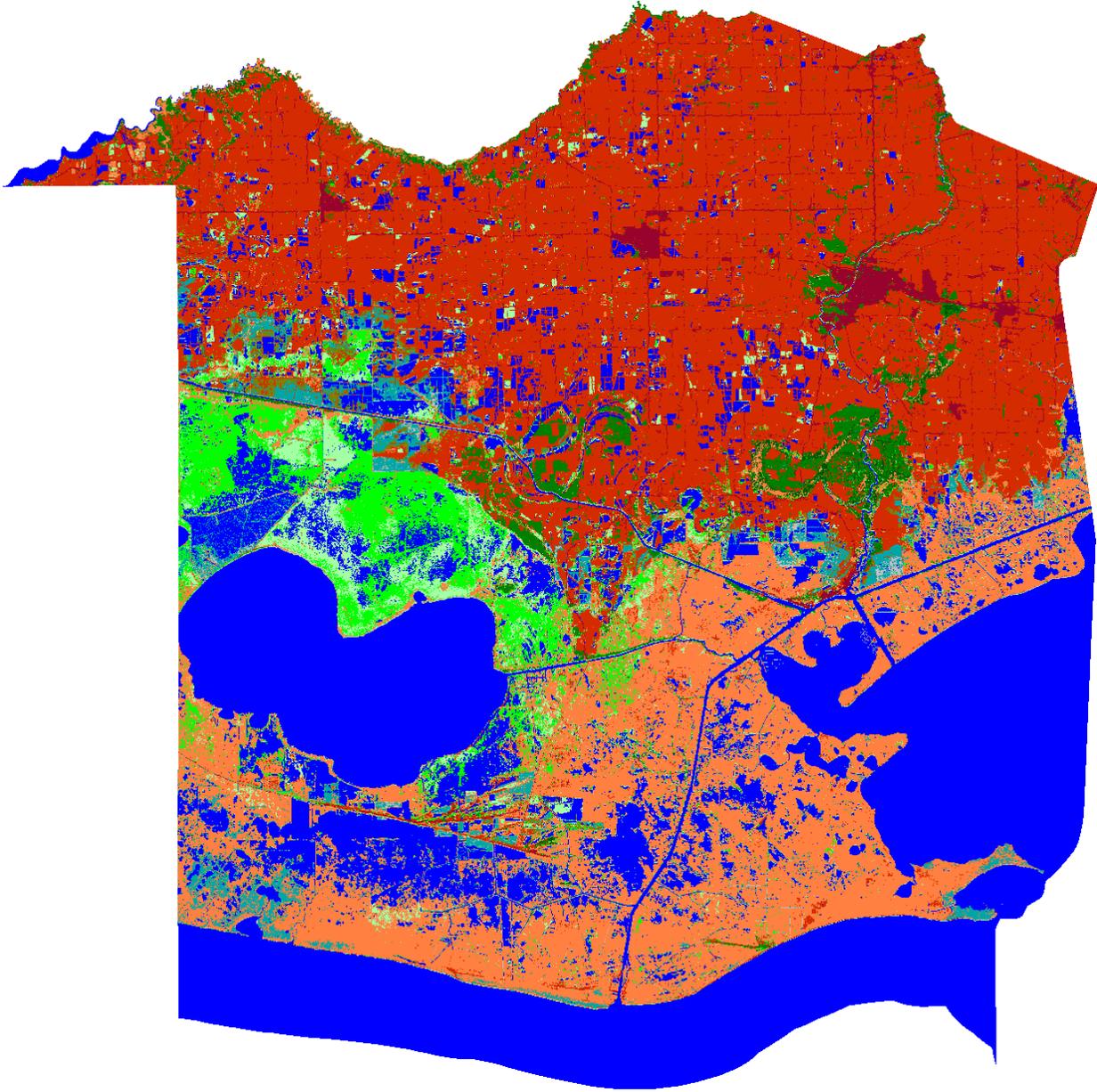


2.0 meter GSLR

2100

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

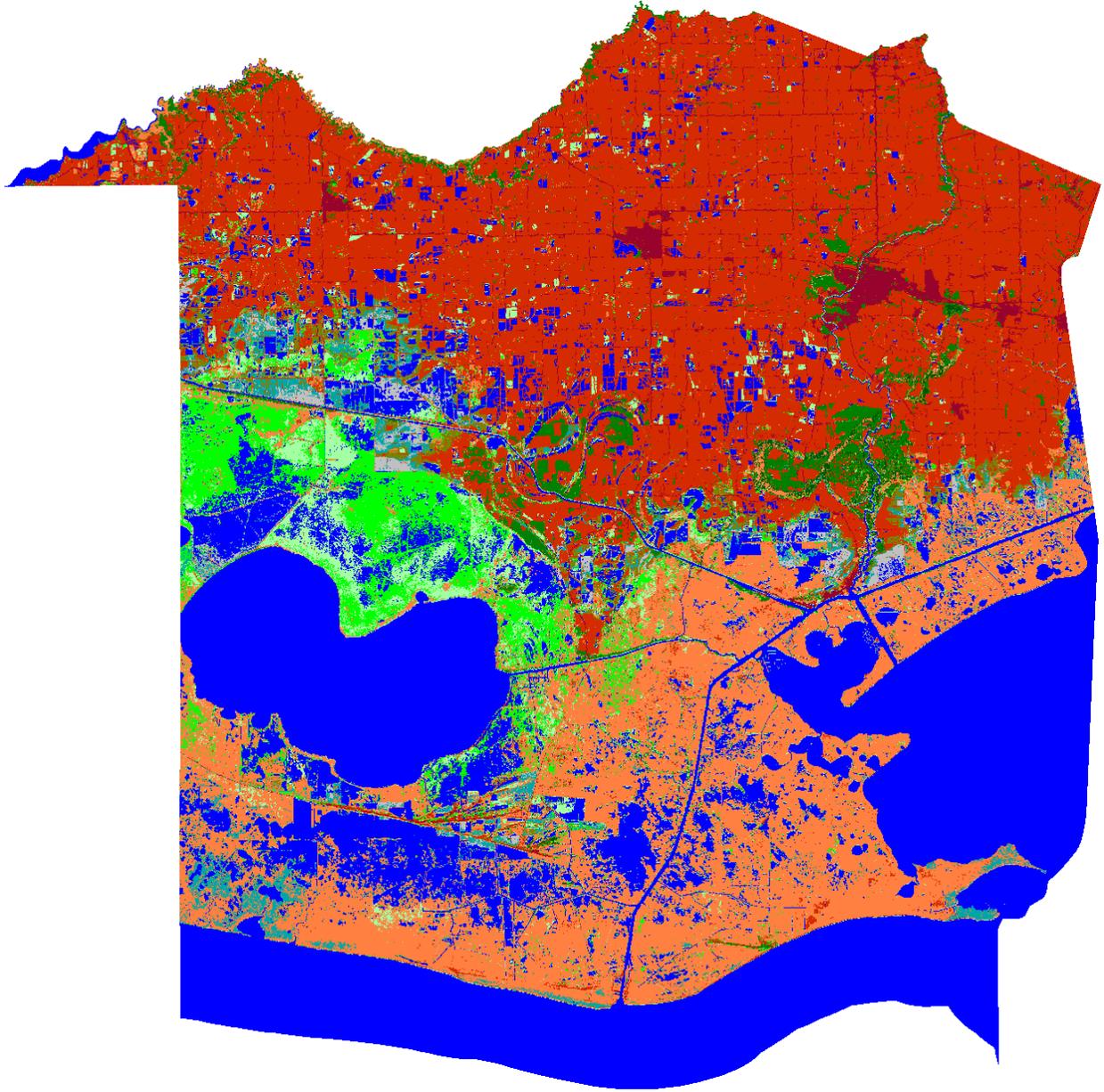


0.5 meter GSLR

2025

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

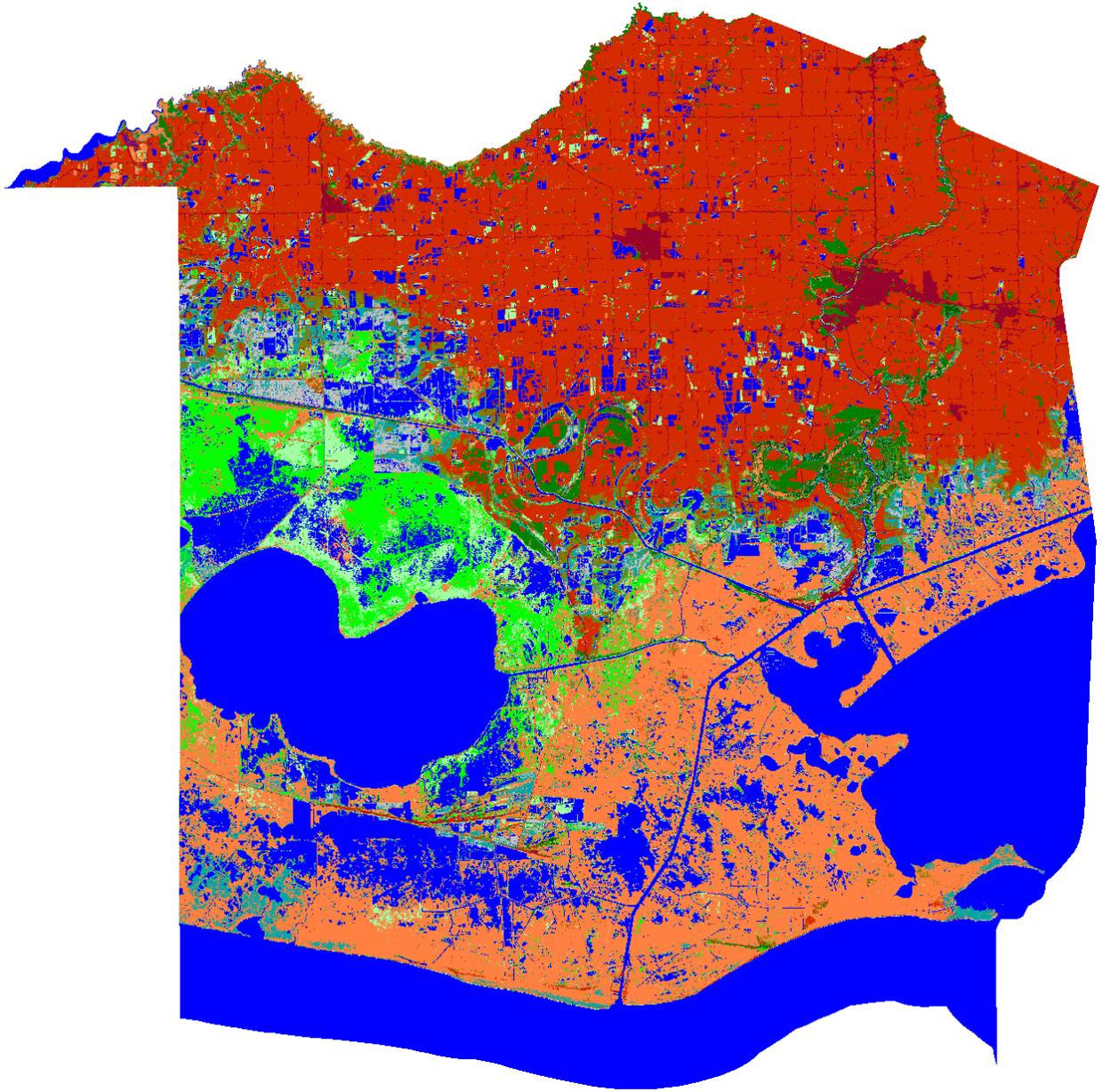


0.5 meter GSLR

2050

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

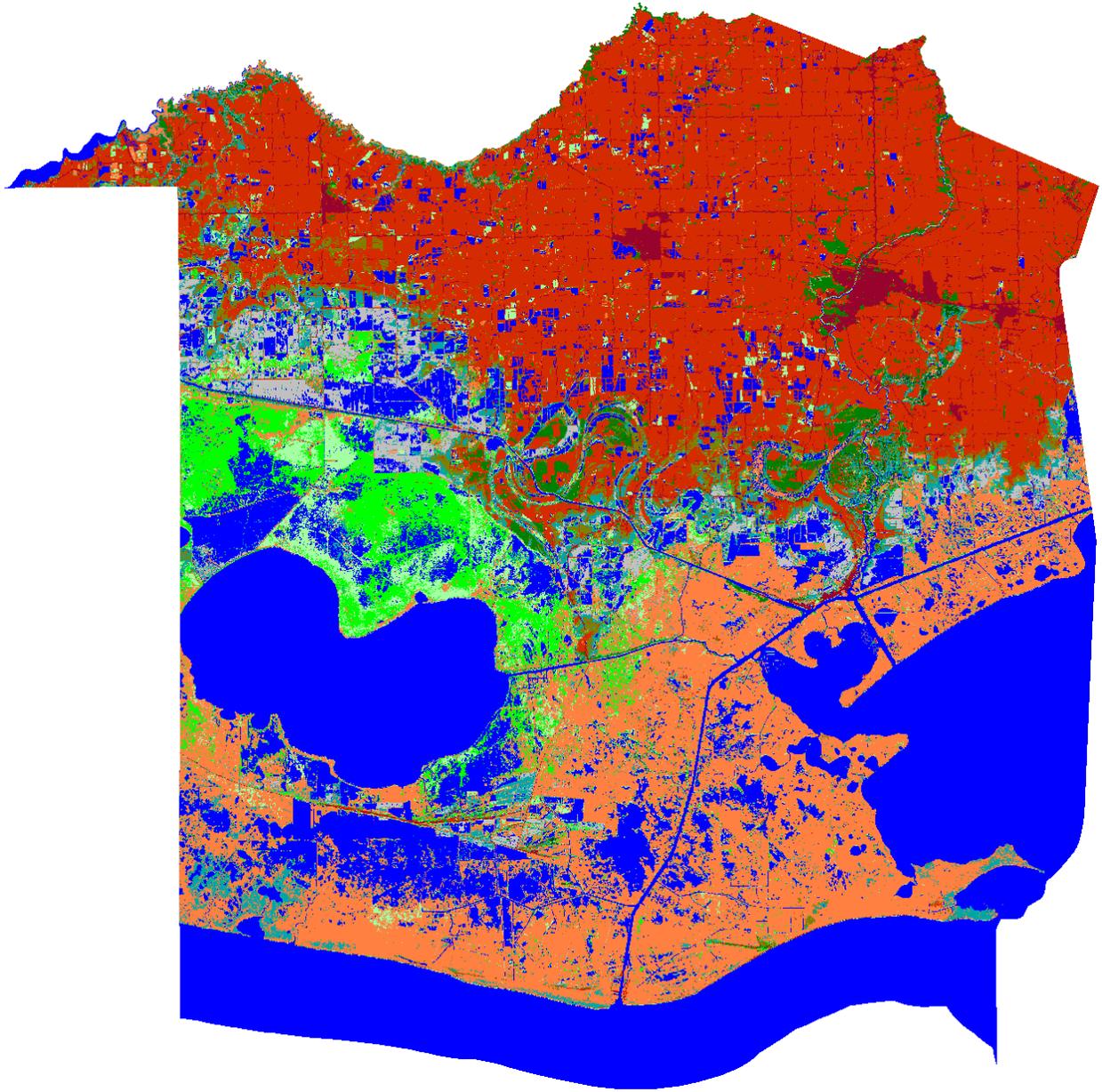


0.5 meter GSLR

2075

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

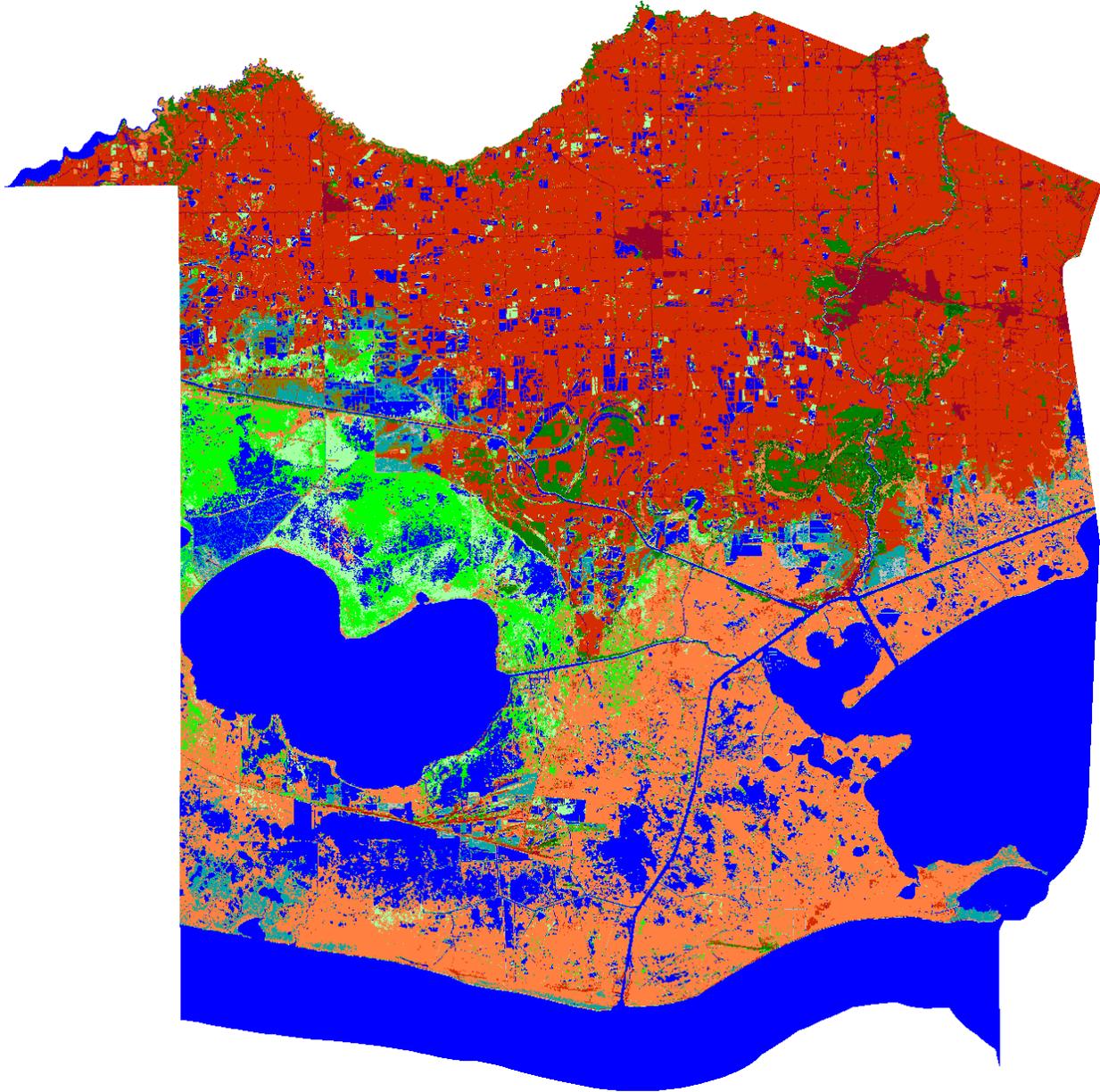


0.5 meter GSL

2100

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

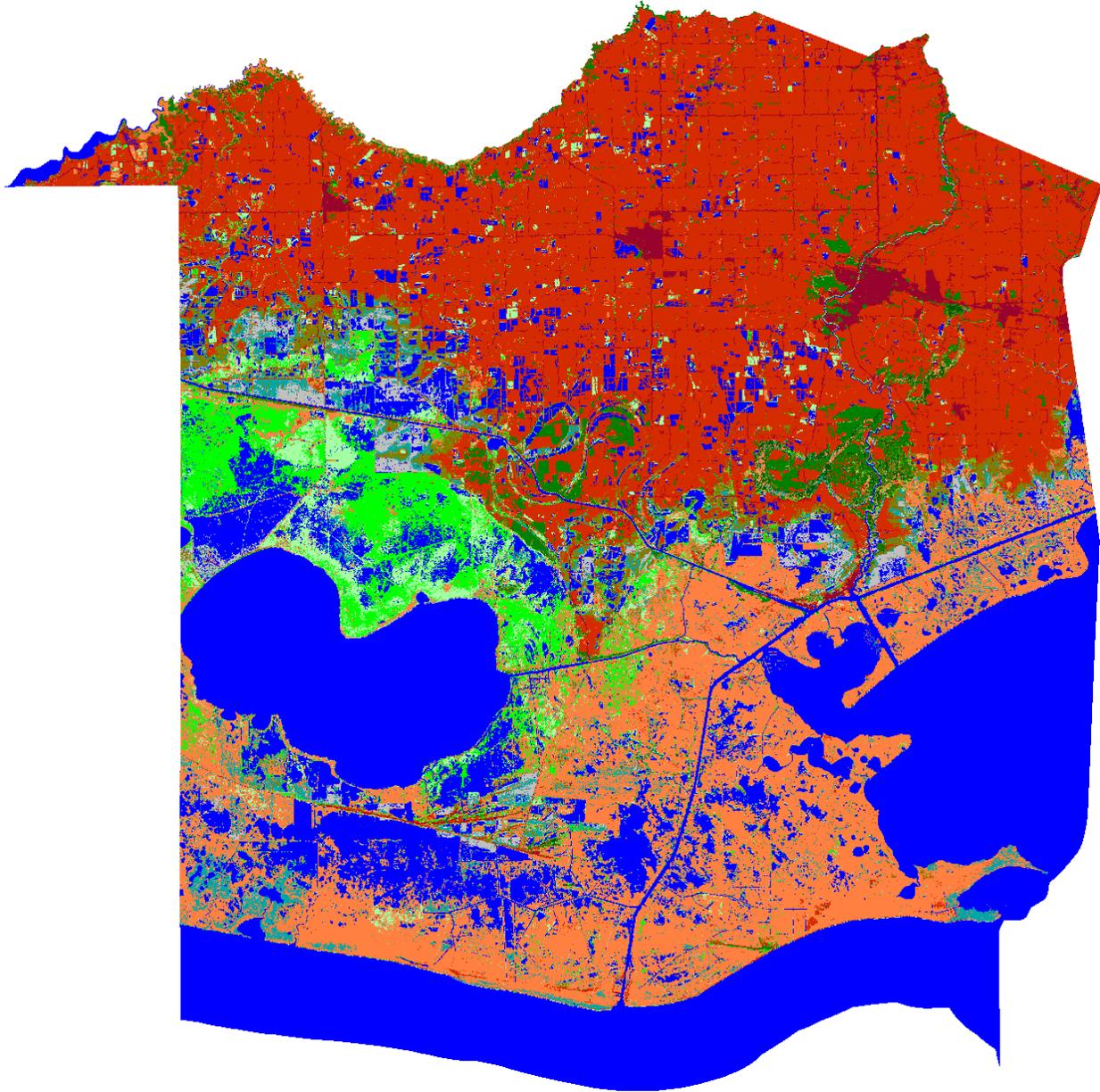


1.0 meter GSLR

2025

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

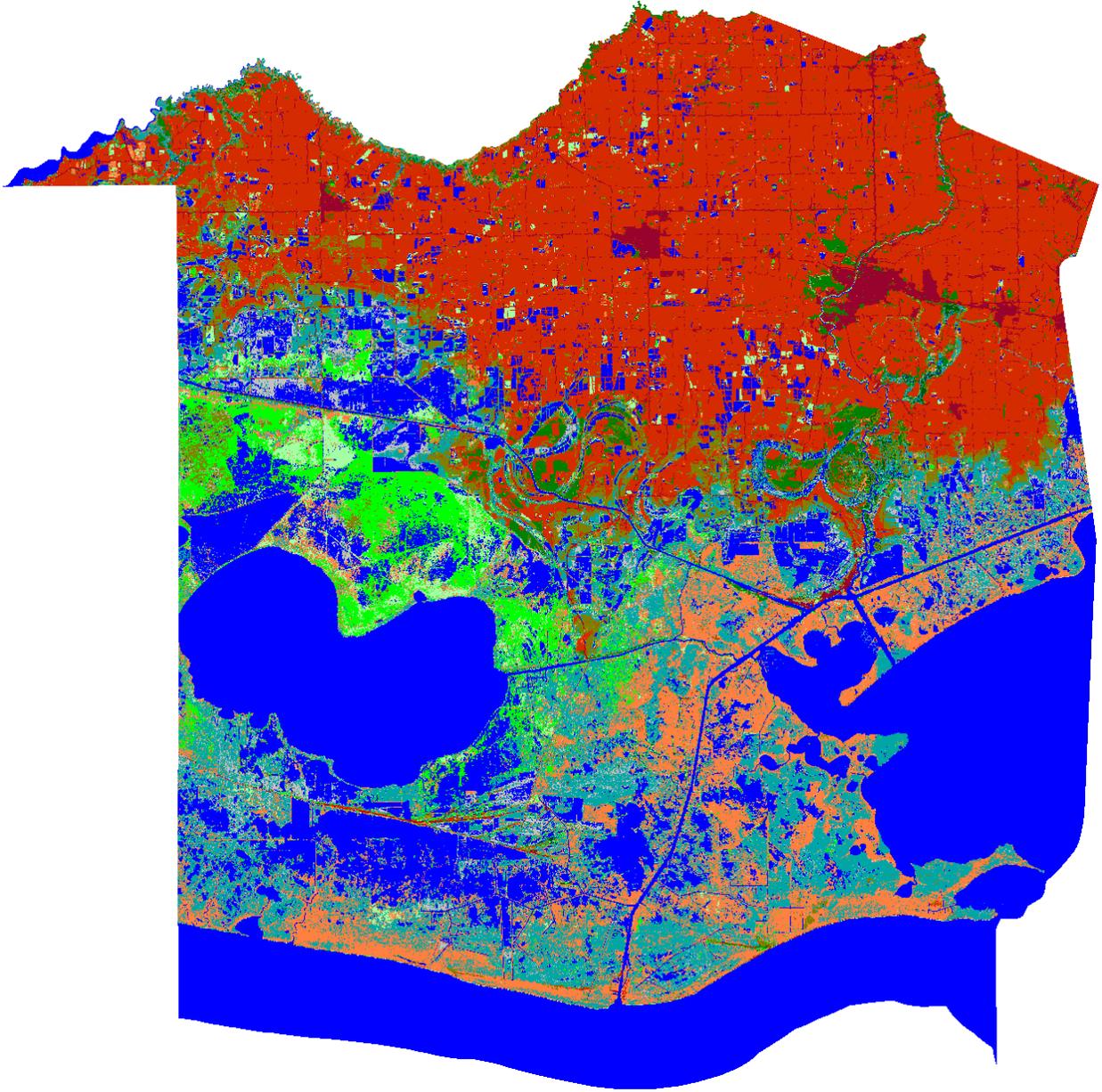


1.0 meter GSLR

2050

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

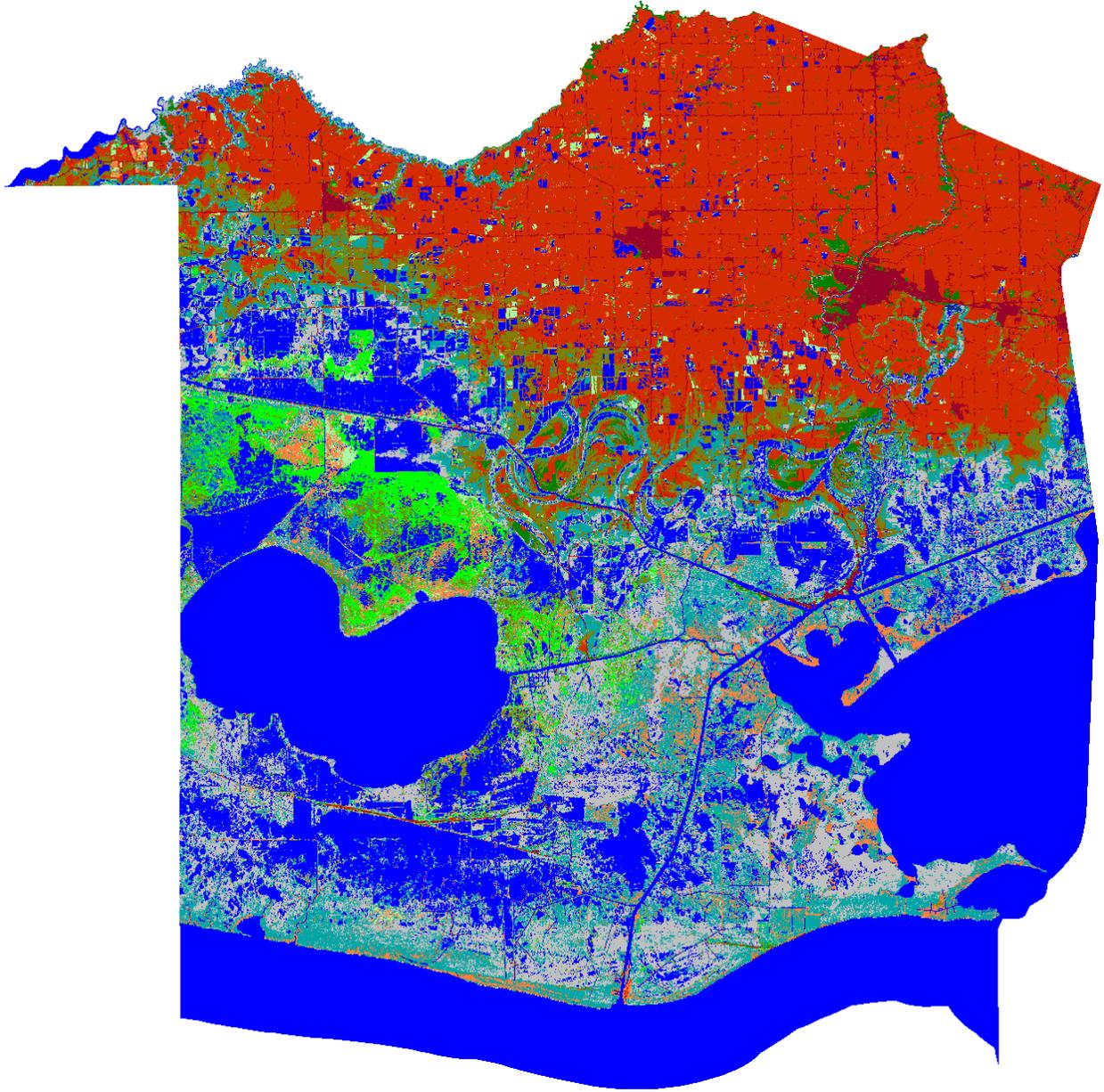


1.0 meter GSLR

2075

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

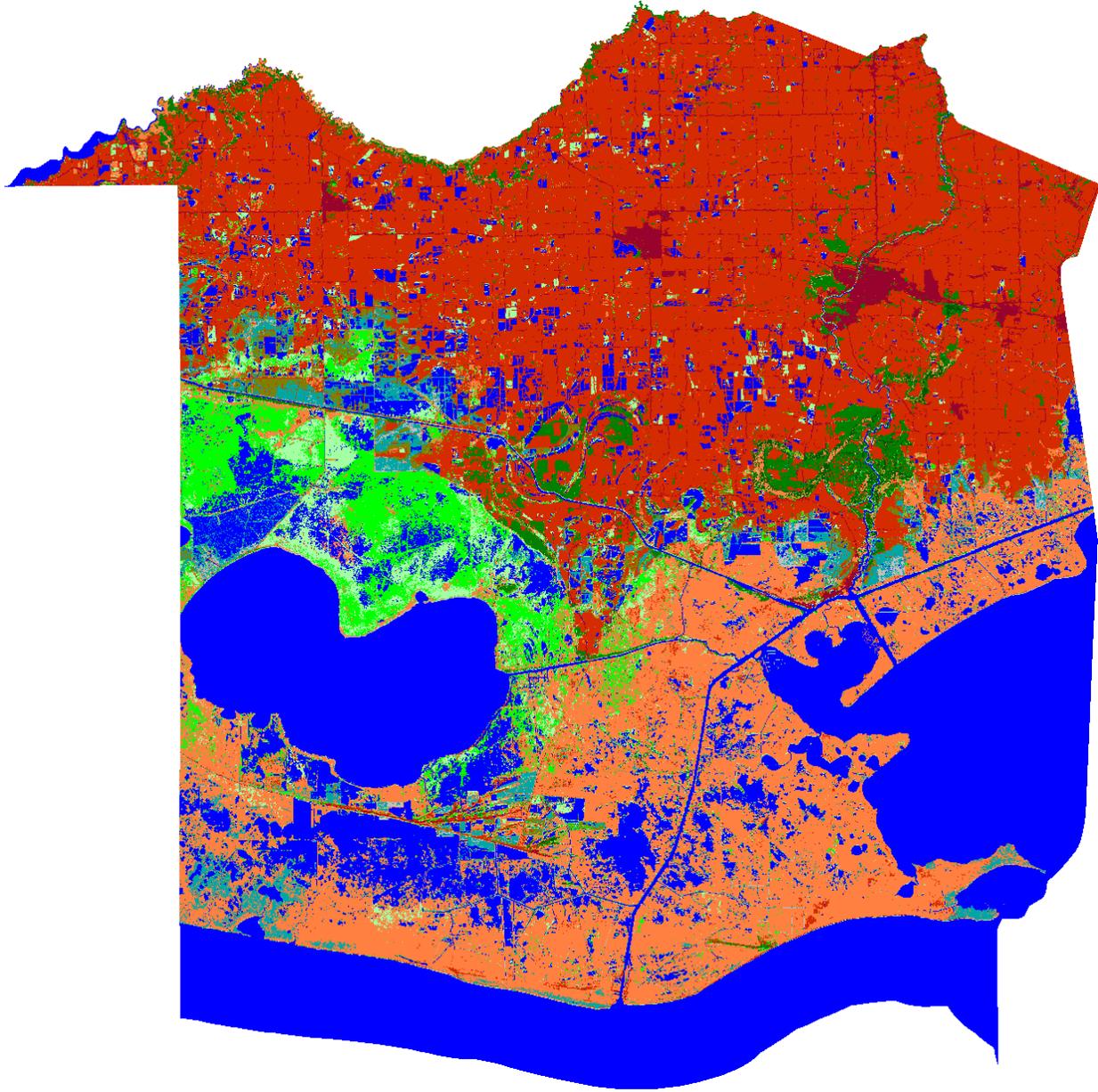


1.0 meter GSLR

2100

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

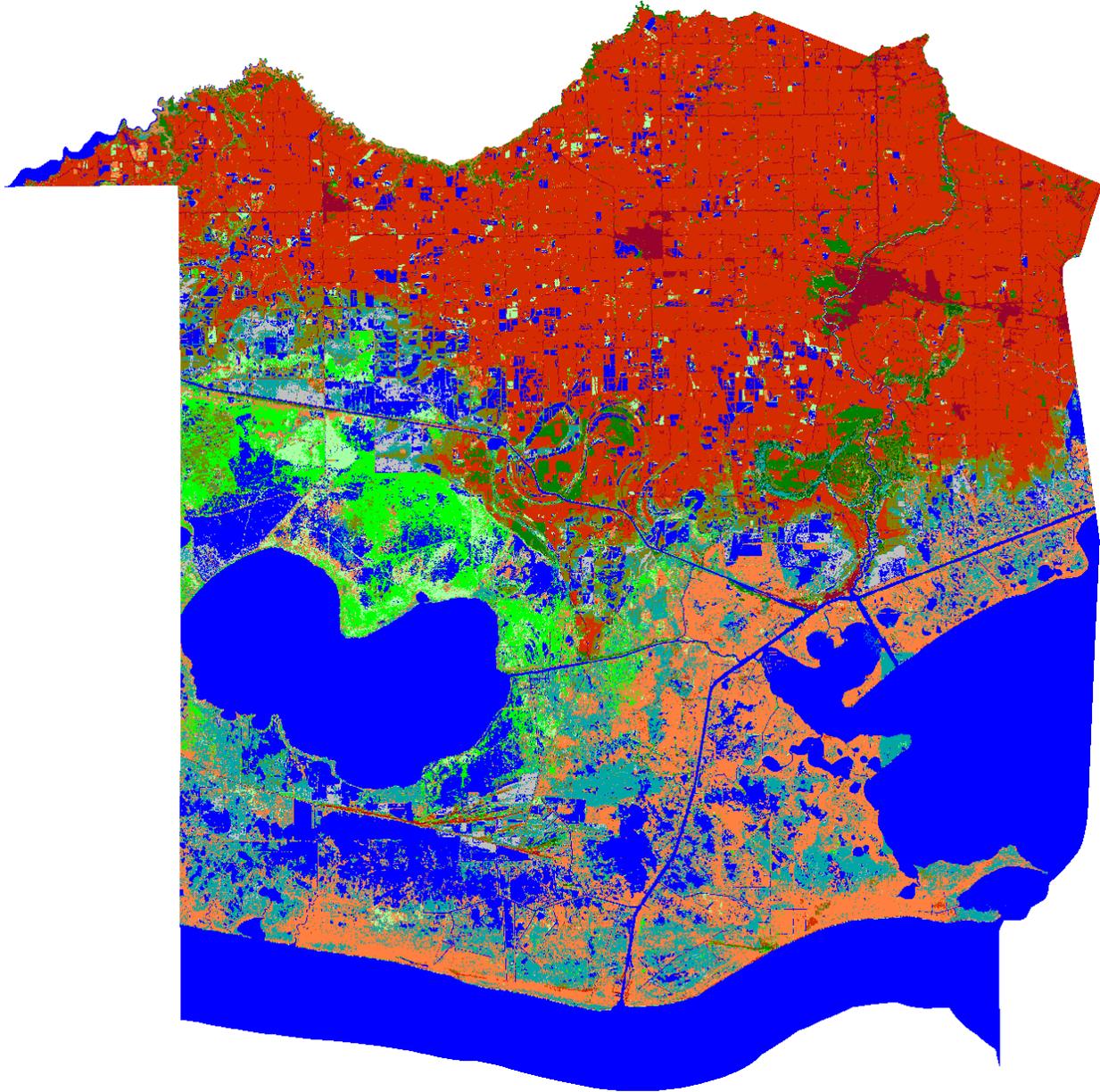


1.5 meter GSLR

2025

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

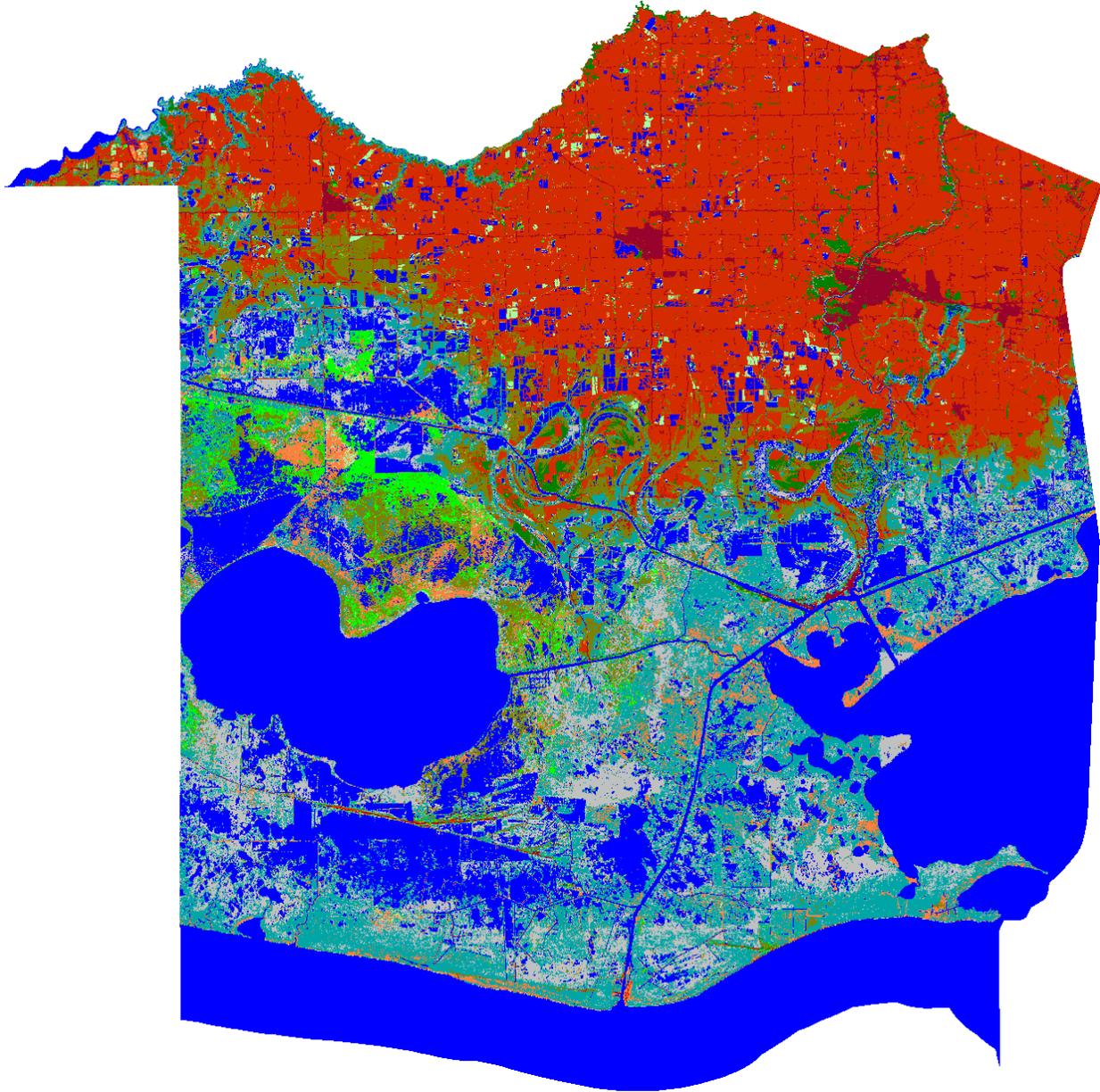


1.5 meter GSLR

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Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

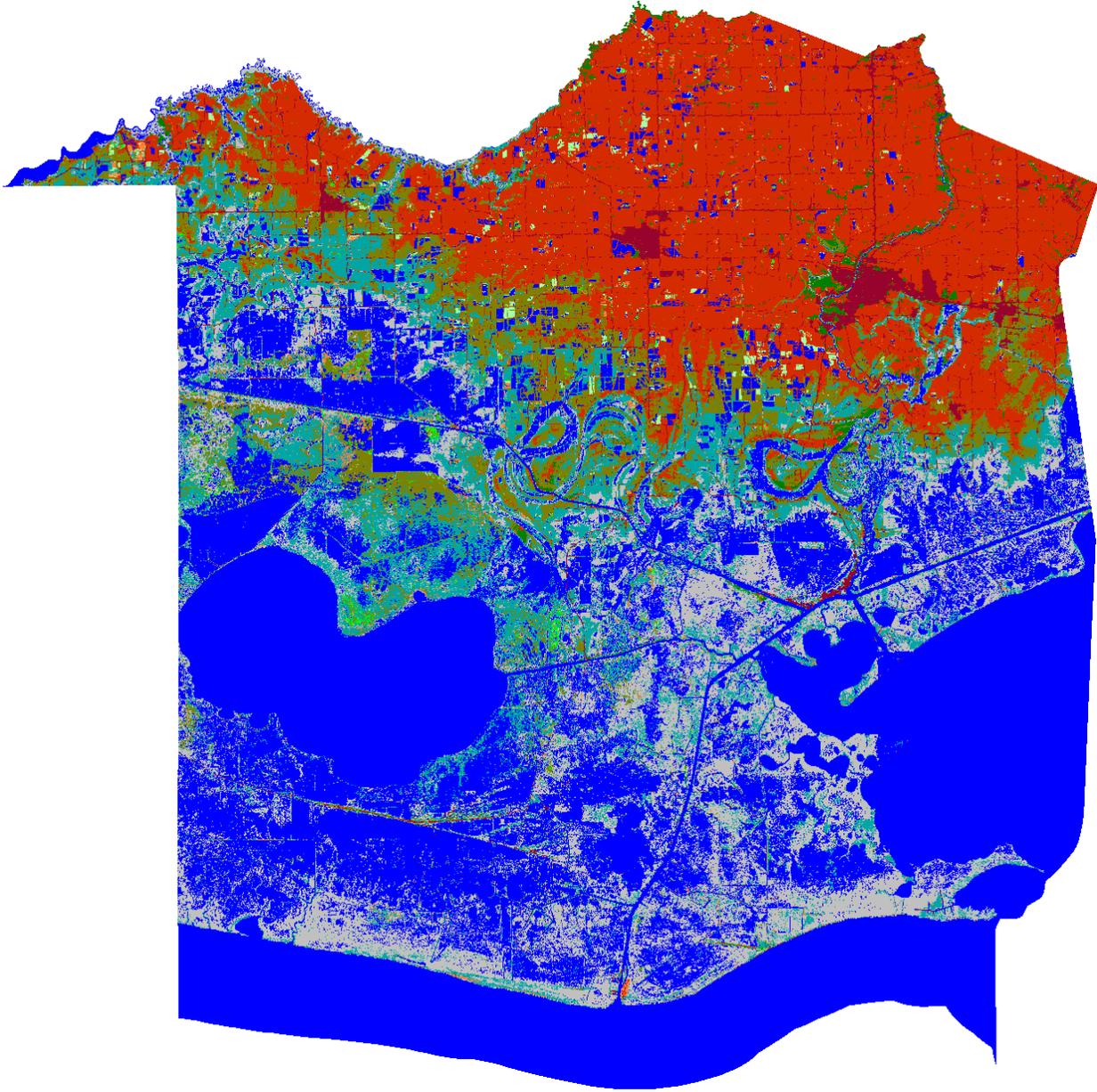


1.5 meter GSLR

2075

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

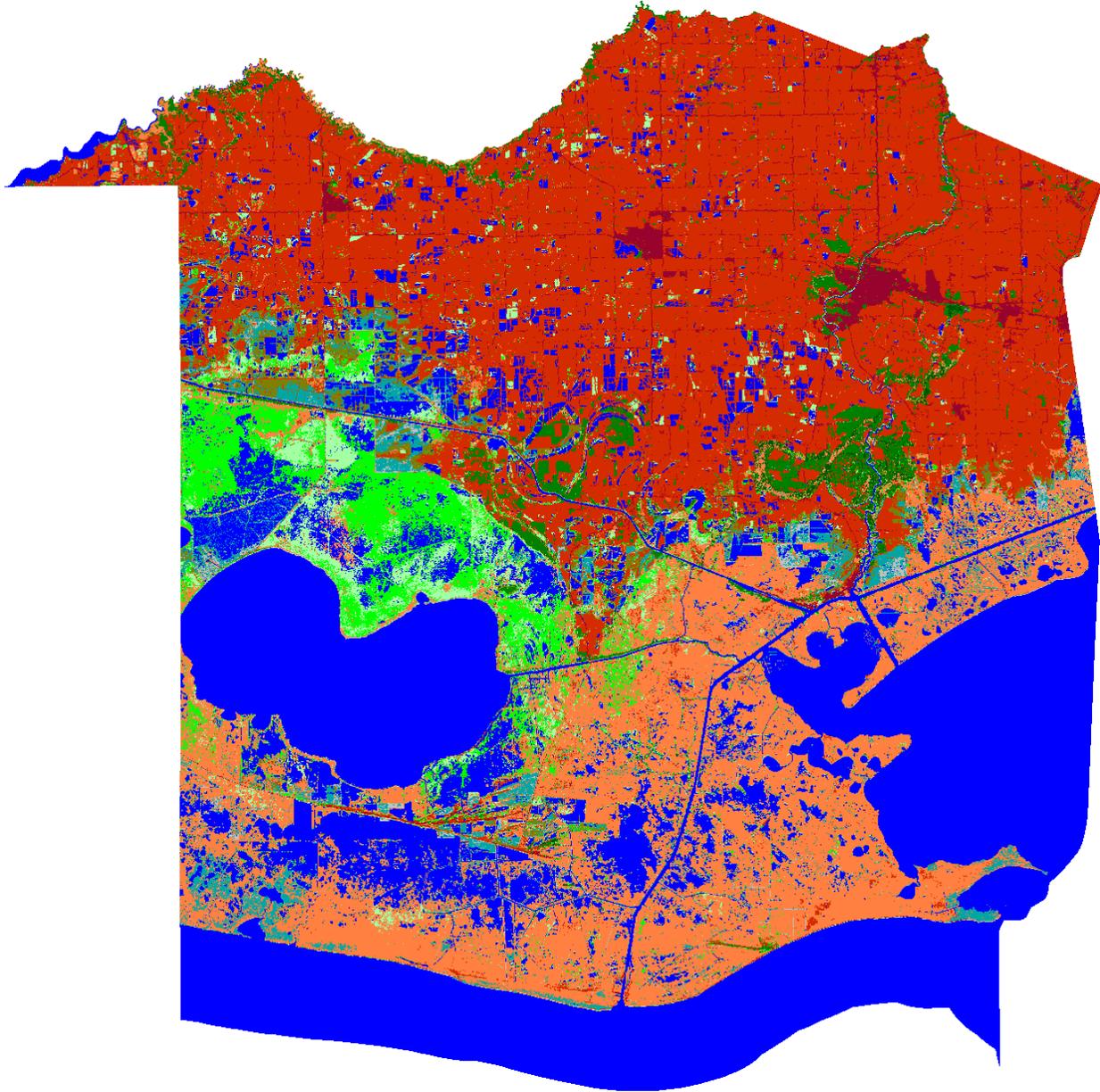


1.5 meter GSLR

2100

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

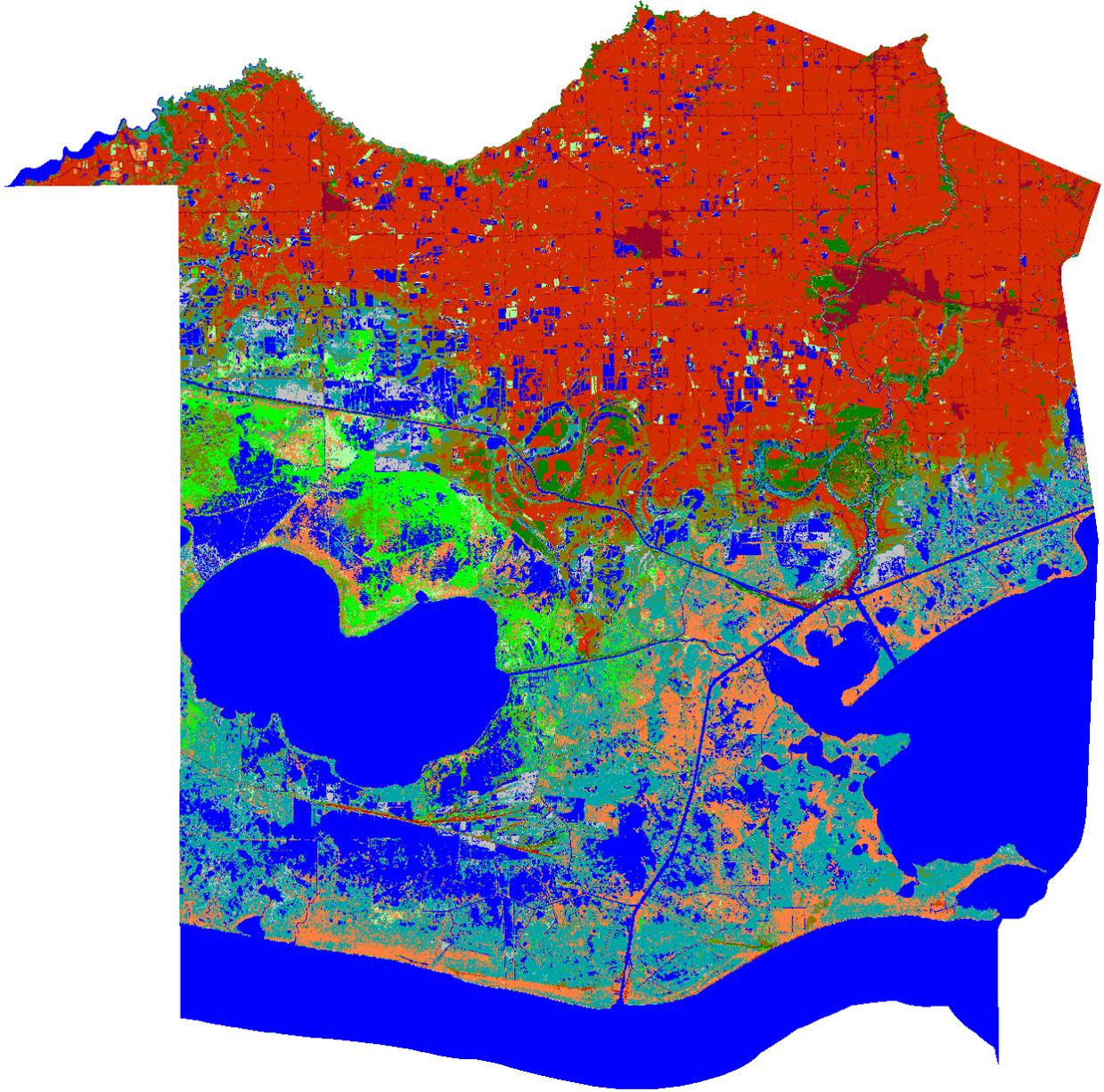


2.0 meter GSLR

2025

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

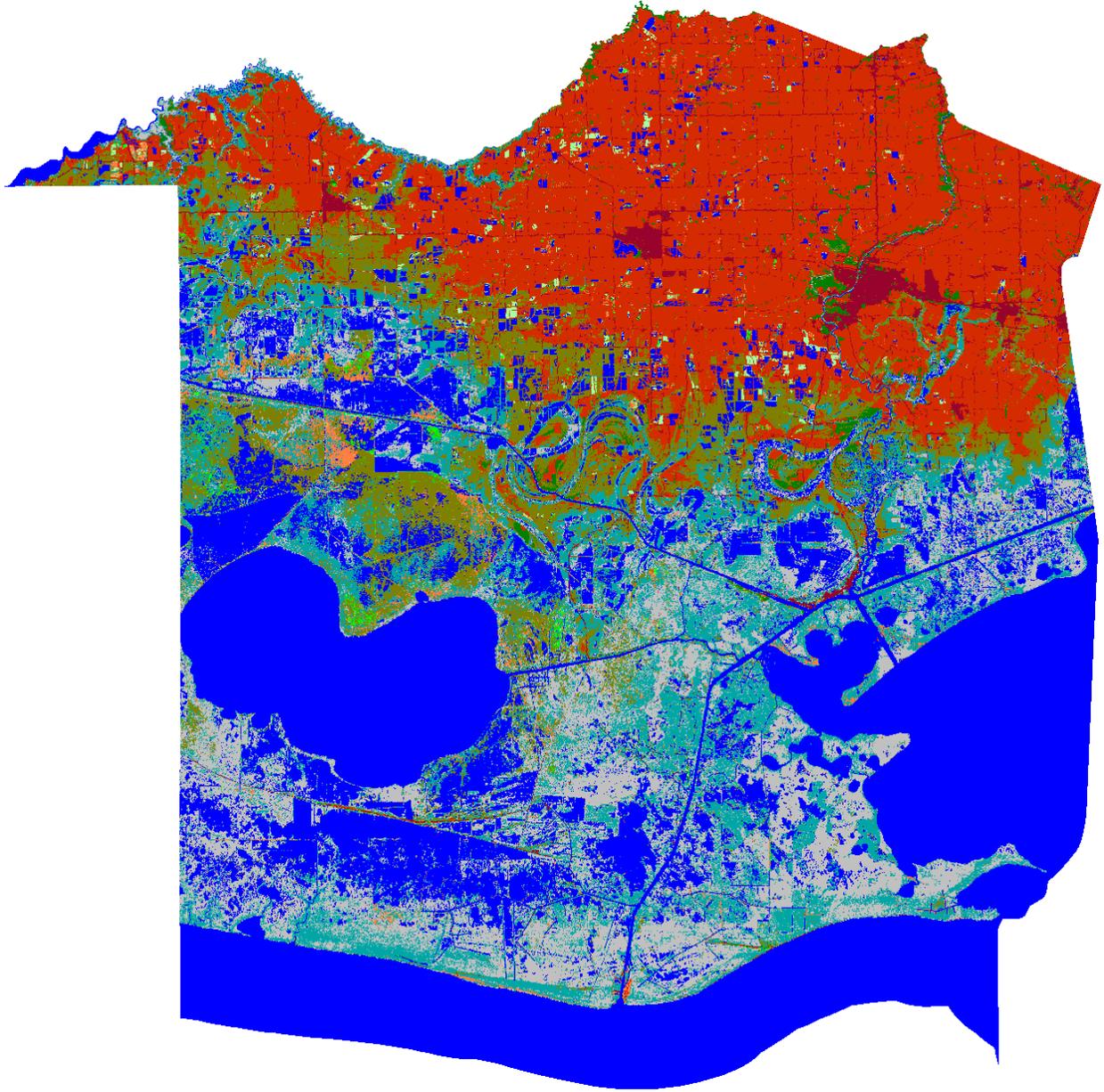


2.0 meter GSLR

2050

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios

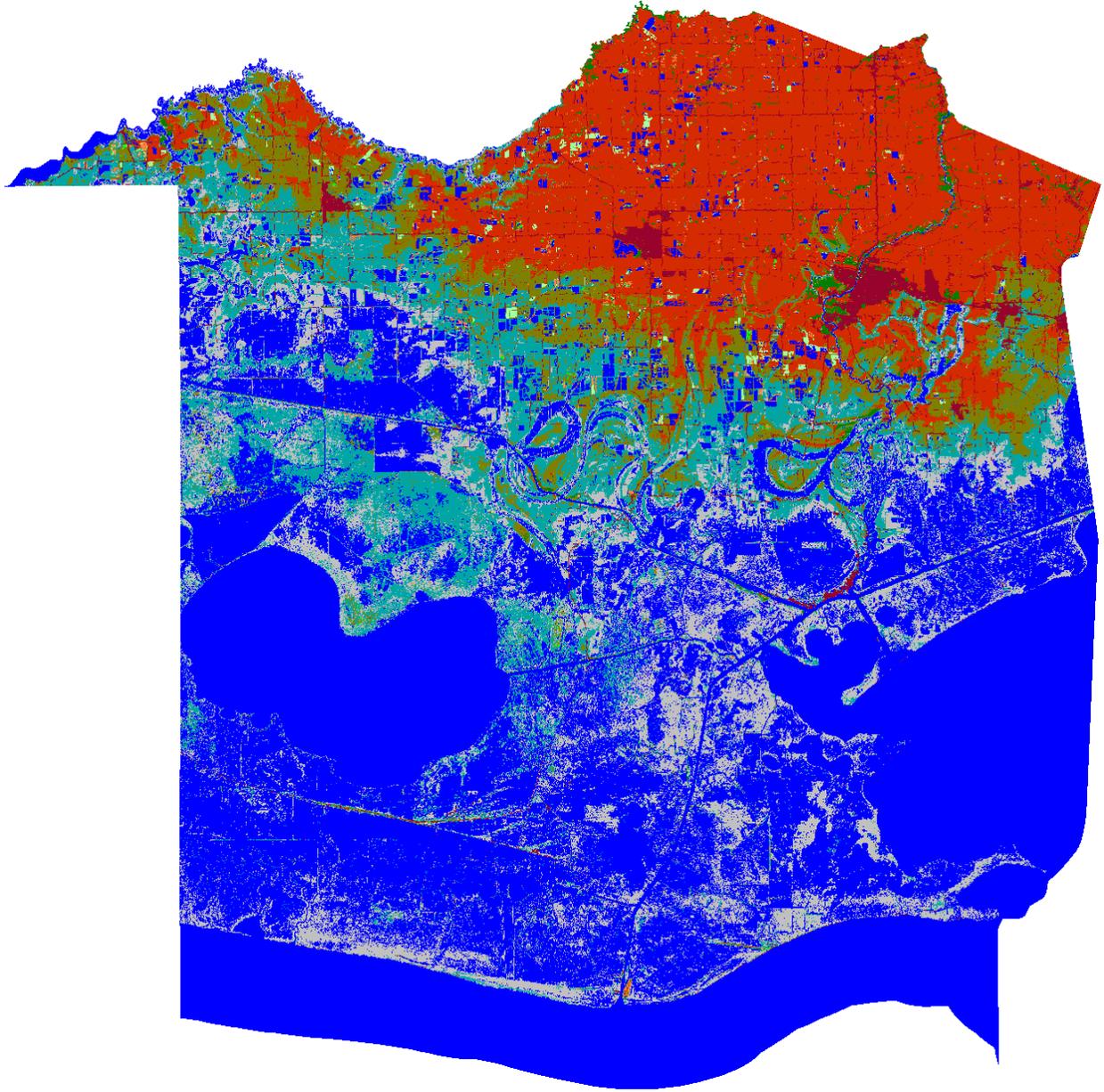


2.0 meter GSLR

2075

Vermilion Parish

High Subsidence, Not Protected with Dikes SLAMM Scenarios



2.0 meter GSLR

2100